INDEX

REVISED UNIVERSAL SOIL LOSS EQUATION (RUSLE)

Section – 1 Erosion Prediction

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PREDICTING RAINFALL EROSION LOSSES
Revised Universal Soil Loss Equation (RUSLE)

The Revised Universal Soil Loss Equation (RUSLE) predicts soil loss from interrill (sheet) and rill erosion caused by rainfall and associated overland flow.

RUSLE is an erosion prediction model that enables conservation planners to predict the long-term average annual rate of interrill (sheet) and rill erosion on a landscape based on the factor values assigned by the planner. The factors represent the effect of climate, soil, topography, and land use on interrill (sheet) and rill erosion. Erosion rates predicted by RUSLE can be used to guide conservation planning for individual fields by evaluating the impact of present and/or planned land use and management.

The soil loss computed by RUSLE is the rate of soil erosion from the landscape profile, not the amount of sediment leaving a field or watershed (a landscape profile is defined by the slope length). RUSLE cannot be used to estimate or predict soil loss from individual storms nor from a particular year of weather conditions. The factors used in RUSLE are based on long-term averages.

The DOS computer version of RUSLE (version 1.05) is the current version used with NRCS. To compute the average annual erosion rate on a field slope, appropriate values are selected from the figures and tables in the Ohio Field Office Technical guide for R, K, LS, C, and P and multiplied together to produce the “Average Annual Soil Loss” in Tons/Acre/Year.

The equation is expressed as follows: A = R*K*LS*C*P

A = the predicted average annual soil loss from interrill (sheet) and rill erosion from rainfall and associated overland flow. Units for factor values are usually selected so that "A" is expressed in tons per acre per year.

R = Rainfall-Runoff Erosivity Factor. "R" is an indication of the two most important characteristics of storm erosivity: (1) amount of rainfall and (2) peak intensity sustained over an extended period of time. Erosivity for a single storm is the product of the storm's energy **E** and its maximum 30 minute intensity $\mathbf{I_{30}}$ for qualifying storms. A value of **R** for a location is the average of $\mathbf{EI_{30}}$ values summed for each year of a 22-year record. R values in Ohio range from 95 in the northwest to 155 in southwest Ohio.

K = Soil Erodibility Factor. "K" values represent the susceptibility of soil to erosion and the amount and rate of runoff, as measured under the standard unit plot condition. The unit plot is an erosion plot 72.6 feet long on a 9 percent slope, maintained in continuous fallow, tilled up and down hill periodically to control weeds and break crusts that form on the surface of the soil.

L = Slope Length Factor . "L" represents the effect of slope length on erosion. "L" is the ratio of soil loss from the field slope length to that from a plot slope 72.6 feet long under otherwise identical conditions. Slope length is the distance from the origin of overland flow along its flow path to the location of either concentrated flow or deposition. Computed soil loss values are not as sensitive to slope length as to slope steepness, thus differences in slope length of + or - 10% are not important on most slopes. This is especially true in flatter landscapes.

S = Slope Steepness Factor . "S" represents the effect of slope steepness on erosion. "S" is the ratio of soil erosion from the field slope gradient to that from a 9% slope under otherwise identical conditions. Computed soil erosion rates are more sensitive to slope steepness than to slope length.

LS = Slope Length and Steepness Factor. The slope length "L" and steepness "S" factors are combined into the "LS" factor in the RUSLE equation. A "LS" value represents the relationship of the actual field slope condition to the unit plot. A "LS" value of 1.0 represents the unit plot condition of 72.6 feet in length and 9% slope steepness.

C = Cover-Management Factor. "C" represents the effect of plants, soil cover, soil biomass, and soil disturbing activities on soil erosion. RUSLE uses a subfactor method to compute soil loss ratios, which are the ratios of soil loss at any given time in a cover-management sequence to soil loss from the unit plot. Soil loss ratios vary with time as canopy, ground cover, soil biomass and consolidation change. A "C" factor value is an average soil loss ratio weighted according to the distribution of "R" during the year. The subfactors used to compute a soil loss ratio value are canopy, surface cover, surface roughness, and prior land use.

P = Support Practices Factor. "P" represents the impact of support practices on erosion rates. "P" is the ratio of soil loss from an area with supporting practices in place to that from an identical area without any supporting practices. Most support practices affect erosion by redirecting runoff or reducing its transport capacity. Support practices include contour farming, cross-slope farming, buffer strips, stripcropping, and terraces.

T = soil loss tolerance. "T" is not part of RUSLE, but is used with RUSLE to establish a benchmark for evaluating the predicted erosion rate from an existing or planned conservation system. "T" is the average annual erosion rate that can occur with little or no long term degradation of the soil resource on the field. Soil loss tolerance values ("T") are assigned to each soil map unit by NRCS.

Summary:
RUSLE is an effective tool to assist in the planning of conservation management systems that addresses soil erosion resource concerns and pollutants that may be associated with movement of soil. By the year 2001 NRCS is expected to implement RUSLE2 which will be a WINDOWS based program that will allow planners to input more precise data into the model to develop more accurate and timely soil loss predictions and evaluate the effect of management alternatives.

PREDICTING RAINFALL EROSION LOSSES
Revised Universal Soil Loss Equation (RUSLE)

The Revised Universal Soil Loss Equation (RUSLE) replaces the Universal Soil Loss Equation (USLE) for predicting soil loss from interrill (sheet) and rill erosion caused by rainfall and associated overland flow. RUSLE retains the equation structure of USLE, but each of its factor relationships has been either updated with recent data, or new relationships have been derived based on modern erosion theory and data.

RUSLE is an erosion prediction model that enables conservation planners to predict the long-term average annual rate of interrill (sheet) and rill erosion on a landscape based on the factor values assigned by the planner. The factors represent the effect of climate, soil, topography, and land use on interrill (sheet) and rill erosion. Erosion rates predicted by RUSLE can be used to guide conservation planning for individual fields by evaluating the impact of present and/or planned land use and management.

The soil loss computed by RUSLE is the rate of soil erosion from the landscape profile, not the amount of sediment leaving a field or watershed (a landscape profile is defined by the slope length). RUSLE cannot be used to estimate or predict soil loss from individual storms nor from a particular year of weather conditions. The factors used in RUSLE are based on long-term averages.

The DOS computer version of RUSLE (version 1.05) was used to develop the values in these erosion prediction tables. To compute the average annual erosion rate on a field slope, select appropriate values from the figures and tables for R, K, LS, C, and P and multiply the values together.

The equation is expressed as follows: A = RKLSCP

A = the predicted average annual soil loss from interrill (sheet) and rill erosion from rainfall and associated overland flow. Units for factor values are usually selected so that "A" is expressed in tons per acre per year.

R = Rainfall-Runoff Erosivity Factor. "R" is an indication of the two most important characteristics of storm erosivity: (1) amount of rainfall and (2) peak intensity sustained over an extended period of time. Erosivity for a single storm is the product of the storm's energy **E** and its maximum 30 minute intensity $\mathbf{I_{30}}$ for qualifying storms. A value of **R** for a location is the average of $\mathbf{EI_{30}}$ values summed for each year of a 22-year record. R values in Ohio range from 95 in the northwest to 155 in southwest Ohio.

K = Soil Erodibility Factor. "K" values represent the susceptibility of soil to erosion and the amount and rate of runoff, as measured under the standard unit plot condition. The unit plot is an erosion plot 72.6 feet long on a 9 percent slope, maintained in continuous fallow, tilled up and down hill periodically to control weeds and break crusts that form on the surface of the soil.

L = Slope Length Factor . "L" represents the effect of slope length on erosion. "L" is the ratio of soil loss from the field slope length to that from a plot slope 72.6 feet long under otherwise identical conditions. Slope length is the distance from the origin of overland flow along its flow path to the location of either concentrated flow or deposition. Computed soil loss values are not as sensitive to slope length as to slope steepness, thus differences in slope length of + or - 10% are not important on most slopes. This is especially true in flatter landscapes.

S = Slope Steepness Factor . "S" represents the effect of slope steepness on erosion. "S" is the ratio of soil erosion from the field slope gradient to that from a 9% slope under otherwise identical conditions. Computed soil erosion rates are more sensitive to slope steepness than to slope length.

LS = Slope Length and Steepness Factor. The slope length "L" and steepness "S" factors are combined into the "LS" factor in the RUSLE equation. A "LS" value represents the relationship of the actual field slope condition to the unit plot. A "LS" value of 1.0 represents the unit plot condition of 72.6 feet in length and 9% slope steepness.

C = Cover-Management Factor. "C" represents the effect of plants, soil cover, soil biomass, and soil disturbing activities on soil erosion. RUSLE uses a subfactor method to compute soil loss ratios, which are the ratios of soil loss at any given time in a cover-management sequence to soil loss from the unit plot. Soil loss ratios vary with time as canopy, ground cover, soil biomass and consolidation change. A "C" factor value is an average soil loss ratio weighted according to the distribution of "R" during the year. The subfactors used to compute a soil loss ratio value are canopy, surface cover, surface roughness, and prior land use.

P = Support Practices Factor. "P" represents the impact of support practices on erosion rates. "P" is the ratio of soil loss from an area with supporting practices in place to that from an identical area without any supporting

practices. Most support practices affect erosion by redirecting runoff or reducing its transport capacity. Support practices include contour farming, cross-slope farming, buffer strips, stripcropping, and terraces.

T = soil loss tolerance. "T" is not part of RUSLE but is used with RUSLE to establish a benchmark for evaluating the predicted erosion rate from an existing or planned conservation system. "T" is the average annual erosion rate that can occur with little or no long term degradation of the soil resource on the field. Soil loss tolerance values ("T") are assigned to each soil map unit by NRCS.

INSTRUCTIONS FOR SELECTION OF RUSLE FACTORS

I. RAINFALL AND RUNOFF FACTOR (R)

The numerical values for "R" in Ohio range from 95 in northwest Ohio to 155 in southwest Ohio. Values are assigned for each county in Ohio. Use **Tables 1 or 2 (pages 1.11 and 1.12) or Figure 1 (page 1.14)** to select the appropriate "R" value for the geographic location of the land being evaluated.

II. SOIL ERODIBILITY FACTOR (K)

Soil erodibility varies during the year. Erodibility tends to be high early in the spring during and immediately following thawing, and during periods when the soil tends to be wetter. "K" values tend to be lower in the fall. RUSLE accounts for these variations and an adjusted "K_r" has been computed. Use the following steps in order to calculate the appropriate “Kr” (Adjusted K) for use in RUSLE:

1. Obtain the assigned "K_f" 9Soil Database) factor for the soil map unit from either the Local Soils Database, from Table 4 (pp. 3.1-3.25), or from Section II of the Field Office Technical Guide.

2. From **Table 3 (page 2.1)** select the appropriate “Climatic Zone” for your area and find the adjusted "K_r" factor that corresponds to the "K_f" factor determined from step 1. This is the "K" factor to use in RUSLE computations. These "K_r" factor values are for use only in RUSLE hand calculations.

III. SLOPE LENGTH AND SLOPE STEEPNESS (LS)

Slope length in feet and slope steepness in percent are combined into the "LS" factor using **Tables 5.1, 5.2, and 5.3**. **Table 5.1** (page 4.1) is used for **pasture and rangeland** and other land uses with consolidated soil conditions and surface cover. **Table 5.2** (page 4.2) is used for **cropped agricultural land** with moderately consolidated soil conditions and little to moderate cover. **Table 5.3** (page 4.3) is used for **construction sites** or other highly disturbed conditions with little or no cover.

IV. COVER AND MANAGEMENT (C)

There are five RUSLE "C" & "K" factor zones in Ohio as shown in **Figure 2** (page 1.15). Each zone is represented by the climatic database for a selected city. Those cities are: 102C – Norwalk, Ohio; 103A – Fort Wayne, Indiana; 103B – Columbia, Missouri; 104 – Cincinnati, Ohio; and 111 – Wheeling, West Virgina. “C” factor tables have been generated for each of these zones. "C" factors for cropland are shown in **Table 6.1** (pp. 5.1-5.6). For **pastureland** select the appropriate “C” Factor form **Table 6.2** (page 6.3).

Crop rotation "C" factors can be constructed by selecting the appropriate "C" factor for each “annual” crop in the rotation, adding these "C" factors together, and dividing the sum of "C" factors by the number of years in the rotation.

V. SUPPORT PRACTICE FACTOR (P)

The "P" factor value used in the RUSLE equation is a combination of subfactors which represent the actual field conditions. Determining the appropriate “P” factor first requires calculation of “P_c” (the practice factor for **contouring** or **cross-slope farming)** from **Table 10** (pp. 7.5 - 7.20)for your designated EI Zone (50, 60, 70, 80, 90, or 100) and the appropriate Hydrologic Soil Group the represents the Length-Slope. If it is appropriate, the “P” subfactors for stripcropping “P_s” from **Table 11** (pp. 7.21 – 7.23) are multiplied by “P_c” to determine the composite “P”.

Determine the appropriate "P" factor using the instructions and tables presented in this section.

RUSLE "P_c" SUBFACTOR VALUES FOR CONTOURING OR CROSS SLOPE CONDITIONS

Step 1. Gather required information.

a) Identify the hydrologic soil group for the soil map unit(s) on the selected landscape profile (Table 4)

b) Determine slope length ("L") and slope steepness ("S") of the landscape profile from a field measurement, and determine the grade along the furrows or rows that is the result of tillage, planting and/or row cultivation operations.

c) Identify the 10-year EI, storm erosivity, for the county (**Table 1 or 2 or Figure 3**).

d) Select the Cover-Management Condition from **Table 8**, "Cover Management Conditions". Use a single Cover Management Condition code that represents the cropping system or rotation as a whole. Consider the amount of runoff and infiltration that will occur with the crop rotation. Generally use the "cover management condition" during the annual crop establishment period.

e) Select a single ridge height to represent the cropping system or rotation from **Table 9.**

f) Determine the "Contour Code" from **Table 7**. In most cases in Ohio use Code "B" for contour farming and stripcropping OR the percent row grade when not on the contour.

Step 2. Determine the "P_c" subfactor for contouring.

a) With (1) the appropriate10-yr EI value, (2) the soil hydrologic group, and (3) cover-management condition, select the appropriate page from **Table 10**, "P_c Subfactor".

b) Select the table for the appropriate Ridge Height .

c) Determine the appropriate contour condition or the percent row grade. See page 7.2 "Selection Criteria for Table 7 "P_c Subfactor".

d) Using the contour condition code or row grade selected from step 2c follow that column down to the point where it intersects with the line for the percent land slope (S) for the site. This is the P_c Subfactor.

Step 3. Determine if the slope length is critical.

a) In Ohio, the slope length can exceed the critical slope length (the length beyond where contouring and/or strip cropping begins to loose its effectiveness). Exceeding critical slope length is a concern in continuous row crop situations with cover management codes 5, 6, or 7.

b) **Table 12** provides a quick determination of critical slope length. Table 12 is divided for each of the Ohio EI Zones (50, 60, 70, 80, 90, and 100), each of the four (4) hydrologic soil groups, 4 slope ranges, and Cover management Codes 5, 6, and7. To use Table 12 find the appropriate EI Section, find the nearest slope, then the appropriate Cover Management Code and read the "Critical Slope Length". For slopes that fall between those given you can interpolate the critical slope length. If the actual slope length in the field is shorter than the number shown in the table, then the field slope length is not critical. If the field slope is longer than the critical length determined from Table 12 then the slope length is critical and P_c must be adjusted **(go to Step 4 below).**

Step 4. Adjust the contouring "P_c" subfactor where the landscape profile exceeds the critical slope length.

a) Go to **Table 13** (pg. 7.25).

b) Calculate the "ratio" of the actual slope length to critical slope length by dividing the landscape profile slope length by the critical slope length. (actual slope length "L" / critical slope length).

c) On Table 13 find the ratio calculated in Step 4b in the left column then locate the closest P_c Subfactor across the top of Table 13. The intersection of the Critical Slope Ratio and the P_c Subfactor is your new **"Effective P_c"**. This subfactor value is the corrected "P_c" subfactor value for contouring and applies to the entire landscape profile slope length.

RUSLE "P_s" SUBFACTOR VALUES FOR STRIPCROPPING

In order to calculate a "P_s" subfactor for contour stripcropping, first calculate a "P_c" for contouring.

Step 1. Gather required information. Note that some of the information is the same as used for evaluating contouring.

a) Identify the hydrologic soil group for the soil map unit(s) on the selected landscape profile (Table 4).

b) Identify the 10-year storm erosivity (10-yr EI) value for the site from **Tables 1 or 2, or Figure 3**.

c) Determine the number of strips that can be laid across the measured landscape profile slope length "L". A minimum of two full strip widths must fit on the slope (this is usually two in Ohio). If two strips will not fit on "L" then stripcropping does not apply and or consider a contour buffer strip.

d) For a strip pair, select the Cover-Management Conditions that will be opposite each other during the life of the crop rotation using **Table 8**, "Cover-Management Conditions." Established hay is considered Cover Management Condition 1. For example Mulch Till (Cover Mgt. 5) next to hay (Cover Mgt. 1).

Step 2. Determine the "P_s" subfactor for stripcropping -Table 11.

a) Use the "**Balanced" Chart on Table 11** where annual crops are in alternating strips with a perennial crop. I.E. 50% of the rotation is perennial hay. Use the **"Unbalanced" Chart on Table 11** where annual crops generally are in alternating strips with a perennial crop but there may be one year where annual row crops are in alternate strips with an annual small grain. I.E. 3 years of the rotation are annual row crop, one year of the rotation is a small grain crop and 2 years of the rotation are perennial hay.

b) For either **Balanced or Unbalanced rotations** first select the cover management code pairing which best represents the site conditions for the rotation. Then under that cover management code pairing box find the appropriate number of strips that occur on L. Follow that column down to where it intersects with the row that represents the hydrologic soil group. The value in that box is the "P_s" for stripcropping.

c) Multiply this "P_s" times "P_c" to determine the composite "P".

RUSLE "P_s" SUBFACTOR VALUES FOR CONTOUR BUFFER STRIPS

Step 1. Gather required information. Note that some of the information is the same as used for evaluating contouring.

a) Identify the hydrologic soil group for the soil map unit(s) on the selected landscape profile.

b) Identify the 10-year storm erosivity (10-yr EI) value for the site from **Tables 1 or 2, or Figure 1**.

c) Determine the number of strips that can be laid across the landscape profile slope length "L". A minimum of two full strip widths must fit on the slope. Count the crop strips + the grass buffer strips.

d) For a strip pair, select the Cover-Management Conditions that will be opposite each other during the life of the crop rotation using **Table 8**, "Cover-Management Conditions." Established hay is considered Cover Management Condition 1.

e) Determine the percentage of the landscape profile to be occupied by buffer strips that are at least 15 feet wide. **Table 14** is set up for **10 and 20 percent** of the landscape profile.

Step 2. Determine the "P_s" subfactor for bufferstrips.

a) Locate the stripcropping subfactor value at the intersection of the number of strips and the Cover Management Conditions of the strips. Enter the correct column for ratio (10% or 20%) of cultivated crop strip to buffer strip. The value, at the intersection, is the stripcropping (buffer strip) "P_s" subfactor.

b) Multiply this "P_s" times "P_c" to determine the composite "P".

RUSLE "P_t" SUBFACTOR VALUES FOR TERRACING

Request S.O Assistance if needed.

RUSLE Instruction Worksheet

"R" Climate Data

C & K Factor Zone
(102C, 103A, 103B, 104, 111)

"R" Factor (See Table 1):

C&K Zone (Table 1):

"K" & "T" Soil Information

(See Soils Map, Table 3 and Table 4)

"K" & "T" Factor Data

Soil Type	T Value	K Value	Adj. K Val

Length and Slope Information

For Pasture Use Table 5.1
For Cropland Use Table 5.2
For Construction Sites Table 5.3

Length and Slope Data

% Slope	Length of Slope	LS - Value

"C" Factor Data:

Cropland – Table 6.1 for Applicable Climate Zone

For Pasture – Table 6.2

Construction Sites - TBD

Cropland C Factors

Year	Crop	Previous Crop	Tillage	% Residue	"C" Value
1					
2					
3					
4					
				Total "C" for all years	
				Total "C" / Number of years in rotation	

Pasture C Factors

% Ground Cov.	& Canopy Cov.	% Total Cover	C - Factor

If NO Contouring P = 1

Average Annual Predicted Soil Loss (Tons/Acre/Year)

Average Annual Predicted Soil Loss = R X K X LS X C X P

R	K	LS	C	P	= Tons/Ac/Yr Soil Loss
				1	

If Contouring, Stripcropping, or Contour Buffer Strips are used proceed to the next pages.

If Contouring Continue Here	
Determine EI Zone/Value (Table 1) – 50, 60, 70, 80, 90, or 100	EI Value =
Determine Soil Hydrologic Group A, B, C, or D (Table 4)	Soil Hydrologic Group =
Determine % In-Row-Grade (Where Length & Slope Measured) OR Determine Contour Code (A, B, or C) if farmed on the contour with < 1% in-row-grade. (See Table 7)	In-Row-Grade % (% off the Contour) = Contour Code =
Determine Cover Management Condition (Table 8). Use one cover condition that represents the crop planting/establishment period.	Cover Management Condition =
Determine a single Ridge Height that represents the crop planting/establishment period (Table 9).	Ridge Height =
Determine if the measured length of slope exceeds the critical slope length. Refer to Table 12 – Find the Appropriate EI Zone, Soil Hydrologic Group, Cover Management Group, and % Slope. If your length of slope is less than Table 12 the slope length is less than the "critical slope length" and no adjustments are needed in the Contouring P Factor.	Measured Slope Length = Critical Slope Length =
Determine Contouring P Factor (Pc). Refer to Table 10 – Select (1) the proper EI Zone, (2) the appropriate Cover Mgt. Code, (3) The Ridge Height, (4) Read Pc Factor from the table.	Contouring P Factor (Pc) =
IF SLOPE LENGTH IS MORE THAN CRITICAL SLOPE LENGTH – Adjust the Pc Factor. Refer to Table 13 – (1) Determine Ratio of Actual "L" / Critical "L" (2) Use Table 13 to determine the new "adjusted" Pc	Ratio of Actual "L" / Critical "L" = Adjusted Pc (Table 13) =
Determine Average Annual Soil Loss (Tons/Acre/Year) with the Pc Subfactor If No Strip Cropping or Contour Buffers Stop Here.	Average Annual Soil Loss (Tons/Acre/Year) = R X K X LS X C X Pc

R	K	LS	C	Pc	Soil Loss

If Stripcropping Continue Here (For Contour Buffer Move to the Contour Buffer Section Below) to determine the Stripcropping Ps Subfactor. (1) Determine how many strips will occupy the measured length of slope. (Must have at least 2 strips). (2) Determine the "Cover Mgt. Condition for the two strips that will be next to each other during the rotation. (3) Determine if the rotation is "Balanced" (years of annual crops = years of hay) or "Unbalanced" more years of annual crops than hay) (4) Use Table 11 to determine Ps Subfactor – Locate the appropriate EI Zone, for that EI Zone go to the Balanced or Unbalanced Rotation Chart, locate the respective soil hydrologic group, find the columns indicating which cover mgt. Code is next to each other, then the number of strips on "L", at the intersection of "L" and soil hydrologic group is the new Ps Factor.	Number of Strips on the Measured Length of Slope = ☐ Cover Mgt Condition # 1 = ☐ Next to Cover Mgt. Condition # 2 = ☐ The Rotation is Balanced ☐ (Check Appropriate Box) The Rotation is Unbalanced ☐ From Table 11 – The Stripcropping Subfactor Ps = ☐
Determine the New P Factor by multiplying Pc X Ps	Pc X Ps = P for Contouring plus Stripcropping Note: Use Adjusted Pc if Slope Length is > Critical Slope Length Pc ☐ X Ps ☐ ☐
Determine Average Annual Soil Loss (Tons/Acre/Year) with the Pc X Ps Subfactors	Average Annual Soil Loss (Tons/Acre/Year) = R X K X LS X C X (Pc X Ps)

R	K	LS	C	Pc X Ps = P	Soil Loss

For Contour Buffers Continue Here Determine Ps Subfactor for Buffer Strips	
(1) Determine how many strips will occupy the measured length of slope (Add Cropped strips plus grass buffer strips). (Must have at least 2 strips). (2) Determine the "Cover Mgt. Condition for the cropped strip. (3) Determine if the grass buffers occupy 10% or 20% of the slope length (4) Use Table 14 to determine Ps Subfactor – Locate the appropriate EI Zone, for that EI Zone go to the 10% of "L" or the 20% of "L" Chart, locate the respective soil hydrologic group, find the columns indicating the Cover Mgt. Code, then the number of strips on "L", at the intersection of "L" and soil hydrologic group is the new Ps Factor Buffers. (5) Determine the New P Factor by multiplying Pc X Ps	Number of Strips on the Measured Length of Slope = ☐ Cover Mgt Condition of cropped strips = ☐ The Grass Buffer Occupy 10% ☐ (Check Appropriate Box) The Grass Buffer Occupy 20% ☐ From Table 14 – The Contour Buffer Subfactor Ps = ☐ Pc X Ps = P for Contouring plus Contour Buffers Note: Use Adjusted Pc if Slope Length is > Critical Slope Length Pc ☐ X Ps ☐ = P ☐
Determine Average Annual Soil Loss (Tons/Acre/Year) with the Pc X Ps Subfactors	Average Annual Soil Loss (Tons/Acre/Year) = R X K X LS X C X (Pc X Ps)

R	K	LS	C	Pc X Ps = P	Soil Loss

Table 1. Ohio C/K Zones, R-Values, and EI Values for RUSLE

County	C/K Zone	R-Value	EI Value
Defiance	102C	115	60
Erie	102C	105	70
Fulton	102C	110	50
Henry	102C	115	60
Huron	102C	105	70
Lorain	102C	105	70
Lucas	102C	105	60
Ottawa	102C	105	60
Sandusky	102C	105	60
Seneca	102C	110	60
Williams	102C	115	50
Wood	102C	110	60
Allen	103A	120	60
Ashland	103A	110	80
Auglaize	103A	120	60
Champaign	103A	125	60
Clark	103A	130	60
Crawford	103A	110	70
Darke	103A	130	60
Delaware	103A	120	70
Franklin	103A	125	80
Hancock	103A	115	60
Hardin	103A	115	60
Knox	103A	115	90
Licking	103A	120	100
Logan	103A	120	60
Madison	103A	130	70
Marion	103A	115	70
Mercer	103A	125	60
Miami	103A	130	60
Morrow	103A	115	70
Paulding	103A	120	60
Putnam	103A	115	60
Richland	103A	110	70
Shelby	103A	125	60
Union	103A	120	70
Van Wert	103A	120	60
Wyandot	103A	115	60
Butler	103B	150	60
Clinton	103B	140	70
Fairfield	103B	130	100
Fayette	103B	135	80
Greene	103B	135	60
Hocking	103B	135	100
County	**C/K Zone**	**R-Value**	**EI Value**
Montgomery	103B	140	60
Morgan	103B	130	80
Muskingum	103B	120	100
Perry	103B	130	100
Pickaway	103B	135	90
Preble	103B	140	60
Ross	103B	140	100
Warren	103B	145	60
Adams	104	150	100
Athens	104	135	80
Brown	104	150	60
Clermont	104	155	70
Gallia	104	140	80
Hamilton	104	155	60
Highland	104	145	90
Jackson	104	140	90
Lawrence	104	140	80
Meigs	104	135	80
Pike	104	145	100
Scioto	104	145	100
Vinton	104	135	100
Ashtabula	111	95	60
Belmont	111	120	60
Carroll	111	110	60
Columbiana	111	110	60
Coshocton	111	115	100
Cuyahoga	111	105	60
Geauga	111	100	60
Guernsey	111	120	80
Harrison	111	115	70
Holmes	111	115	90
Jefferson	111	115	60
Lake	111	95	60
Mahoning	111	110	60
Medina	111	105	70
Monroe	111	125	60
Noble	111	125	70
Portage	111	105	60
Stark	111	110	70
Summit	111	105	60
Trumbull	111	105	60
Tuscarawas	111	115	80
Washington	111	130	70
Wayne	111	110	80

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
KY0121	AARON	SIL	56	0.37	3	8		0	C
KY0179	AARON	SICL	38	0.37	4	11		0	C
KY0179	AARON	SIL	48	0.37	4	11		0	C
OH0293	ABSCOTA	COS	310	0.15	5	33		0	A
OH0293	ABSCOTA	SL	86	0.24	3	13		0	A
MI0028	ADRIAN	MUCK	134		2				A/D
MI0385	ADRIAN	MUCK	134		4				A/D
OH0045	ALEXANDRIA	SICL	38	0.37	2	5	1	3	C
OH0045	ALEXANDRIA	SIL L	56	0.37	2	5	1	3	C
IN0050	ALFORD	SICL	38	0.43	4	9		0	B
IN0050	ALFORD	SIL	56	0.43	5	12	4	9	B
MI0123	ALGANSEE	LS LFS	134	0.17	5	29		0	B
MI0123	ALGANSEE	S FS	220	0.15	5	33		0	B
MI0123	ALGANSEE	SL FSL	86	0.24	3	13		0	B
OH0065	ALGIERS	SIL L	48	0.37	4	11		0	C/D
OH0065	ALGIERS	SIL L	48	0.37	4	11		0	C/D
KY0088	ALLEGHENY	L	56	0.32	4	13		0	B
KY0099	ALLEGHENY	FSL	86	0.28	5	18		0	B
KY0099	ALLEGHENY	L SIL	56	0.32	5	16		0	B
OH0197	ALLEGHENY	L	48	0.32	5	16		0	B
OH0271	ALLEGHENY	L	56	0.32	5	16		0	B
NY0108	ALLIS	CN-SIL CN-SICL	0	0.32	3	9	2	6	D
NY0108	ALLIS	SIL SICL	48	0.43	3	7	2	5	D
OH0403	ALVADA	L	48	0.24	4	17		0	B/D
OH0262	AMANDA	SICL	38	0.37	5	14	4	11	C
OH0262	AMANDA	SIL	48	0.37	5	14		0	C
OH0346	AMANDA	SIL	56	0.37	5	14		0	B
NE0501	AQUENTS	VAR	0						
NY0110	ARKPORT	FSL SL	86	0.28	5	18		0	B
NY0110	ARKPORT	LFS FS LVFS	134	0.17	5	29		0	B
NY0110	ARKPORT	VFSL SIL	56	0.28	5	18		0	B
KY0070	ASHTON	FSL	86	0.28	5	18		0	B
KY0070	ASHTON	SIL L	56	0.32	5	16		0	B
NY0223	ATHERTON	GR-L GR-SICL GR-SIL	0	0.28	5	18		0	B/D
NY0223	ATHERTON	SIL L MK-SIL	48	0.37	5	14		0	B/D
IL0077	ATLAS	CL	48	0.32	2	6		0	D
IL0077	ATLAS	SICL	38	0.43	2	5		0	D
IL0077	ATLAS	SIL	48	0.43	3	7	2	5	D
OH0404	AURAND	SIL	48	0.28	4	14		0	C
IL0057	AVA	SICL	38	0.49	4	8	3	6	C
IL0057	AVA	SIL	48	0.49	4	8	3	6	C
OH0386	AVERY	FSL	86	0.43	5	12		0	C
OH0386	AVERY	SIL	48	0.37	5	14		0	C
IN0040	AVONBURG	SIL	56	0.49	4	8		0	C
OH0168	BARKCAMP	CN-L CN-SL	0	0.24	5	21		0	B
OH0168	BARKCAMP	CN-L CN-SL	0	0.24	5	21		0	B

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
OH0168	BARKCAMP	GR-L GR-SL	0	0.24	5	21		0	B
OH0168	BARKCAMP	GR-L GR-SL	0	0.24	5	21		0	B
OH0178	BARKCAMP	L	48	0.32	5	16		0	B
OH0178	BARKCAMP	SICL	38	0.32	5	16		0	B
OH0201	BARKCAMP	STV-L	0	0.24	5	21		0	B
OH0201	BARKCAMP	STV-LS	0	0.17	5	29		0	B
OH0201	BARKCAMP	STV-SL	0	0.24	5	21		0	B
KY0036	BEASLEY	SICL SIC	86	0.32	4	13	3	9	C
KY0036	BEASLEY	SIL	56	0.43	4	9	3	7	C
IL0023	BEAUCOUP	SICL	38	0.32	5	16		0	B/D
IL0023	BEAUCOUP	SIL	48	0.32	5	16		0	B/D
OH0006	BELMORE	L SIL	56	0.32	5	16		0	B
OH0006	BELMORE	SL FSL	86	0.24	5	21		0	B
OH0086	BELPRE	C SIC	86	0.28	4	14		0	C
OH0086	BELPRE	SICL	86	0.37	4	11		0	C
OH0047	BENNINGTON	SIL L	48	0.43	3	7		0	C
OH0254	BENNINGTON	SIL L	48	0.43	2	5		0	C
PA0004	BERKS	CN-L CN-SIL	48	0.17	3	18	2	12	C
PA0005	BERKS	STV-SIL STV-L	0	0.17	3	18		0	C
PA0006	BERKS	CN-SIL CN-L	48	0.17	3	18		0	C
PA0604	BERKS	SH-L SH-SIL	48	0.17	3	18	2	12	C
OH0169	BETHESDA	FL-SIL FL-L	0	0.28	5	18		0	C
OH0169	BETHESDA	FL-SIL FL-L	0	0.28	5	18		0	C
OH0169	BETHESDA	GR-L GR-SIL	0	0.28	5	18		0	C
OH0169	BETHESDA	GR-L GR-SIL	0	0.28	5	18		0	C
OH0180	BETHESDA	CL	48	0.43	5	12		0	C
OH0180	BETHESDA	CL	48	0.43	5	12		0	C
OH0180	BETHESDA	SICL	38	0.43	5	12		0	C
OH0180	BETHESDA	SICL	38	0.43	5	12		0	C
OH0180	BETHESDA	SIL L	48	0.43	5	12		0	C
OH0180	BETHESDA	SIL L	48	0.43	5	12		0	C
OH0264	BETHESDA	CN-CL CN-SICL	0	0.28	5	18		0	C
OH0264	BETHESDA	CN-CL CN-SICL	0	0.28	5	18		0	C
OH0264	BETHESDA	CN-CL CN-SICL	0	0.28	5	18		0	C
OH0264	BETHESDA	CN-SIL CN-L	0	0.28	5	18		0	C
OH0264	BETHESDA	CN-SIL CN-L	0	0.28	5	18		0	C
OH0264	BETHESDA	CN-SIL CN-L	0	0.28	5	18		0	C
OH0264	BETHESDA	CNV-CL CNV-SICL	0	0.28	5	18		0	C
OH0372	BETHESDA	SH-CL SH-SICL	0	0.28	5	18		0	C
OH0372	BETHESDA	SH-L SH-SIL	0	0.28	5	18		0	C
OH0372	BETHESDA	SH-L SH-SIL	0	0.28	5	18		0	C
OH0372	BETHESDA	SHV-CL SHV-SICL	0	0.28	5	18		0	C
OH0372	BETHESDA	SHV-CL SHV-SICL	0	0.28	5	18		0	C
OH0405	BIGLICK	L SIL	48	0.37	1	3		0	D
IL0139	BIRKBECK	SICL	38	0.37	5	14		0	B
IL0139	BIRKBECK	SIL	48	0.37	5	14		0	B
OH0184	BIXLER	FS	310	0.15	5	33		0	C

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
OH0184	BIXLER	LFS	134	0.17	5	29		0	C
PA0151	BLAIRTON	CN-SIL CN-L	56	0.32	3	9		0	C
PA0151	BLAIRTON	SIL L	56	0.43	3	7		0	C
OH0035	BLANCHESTER	SICL	38	0.37	5	14		0	B/D
OH0035	BLANCHESTER	SIL	48	0.37	5	14		0	B/D
IL0014	BLOUNT	SICL	38	0.43	5	12		0	C
IL0014	BLOUNT	SIL L	48	0.43	5	12		0	C
IL0354	BLOUNT	SIL	48	0.43	3	7		0	C
OH0464	BLOUNT	SIL L	48	0.43	4	9		0	C
OH0056	BOGART	GR-L GR-SIL GR-SL	0	0.24	4	17		0	B
OH0056	BOGART	L SIL	56	0.32	4	13		0	B
OH0056	BOGART	SL	86	0.32	4	13		0	B
OH0175	BOGART	L	56	0.32	5	16		0	B
OH0212	BOGART	GR-L GR-SIL	0	0.24	4	17		0	B
OH0212	BOGART	L SIL	56	0.32	4	13		0	B
IN0161	BONNELL	SICL	38	0.37	5	14		0	C
IN0161	BONNELL	SIL L	56	0.43	5	12		0	C
OH0111	BONO	MK-SIC	86	0.28	5	18		0	D
OH0111	BONO	SICL	86	0.28	5	18		0	D
OH0202	BONO	SIC	86	0.28	5	18		0	D
OH0202	BONO	SICL	86	0.28	5	18		0	D
OH0020	BOSTON	SIL	56	0.37	3	8	2	5	C
MI0032	BOYER	L	56	0.32	3	9		0	B
MI0032	BOYER	LS LFS	134	0.17	3	18		0	B
MI0415	BOYER	L	56	0.24	4	17	3	13	B
MI0415	BOYER	LS	134	0.17	4	24	3	18	B
MI0415	BOYER	SL FSL VFSL	86	0.24	4	17	3	13	B
PA0014	BRACEVILLE	GR-SL GR-L GR-SIL	56	0.2	4	20		0	C
PA0014	BRACEVILLE	SL L SIL	86	0.24	4	17		0	C
MI0025	BRADY	L SIL	56	0.28	4	14		0	B
MI0025	BRADY	LS LFS	134	0.17	4	24		0	B
MI0025	BRADY	SL FSL	86	0.2	4	20		0	B
OH0023	BRATTON	SICL	38	0.37	2	5	1	3	B
OH0023	BRATTON	SIL	48	0.37	2	5	1	3	B
OH0143	BRECKSVILLE	SICL	38	0.43	3	7		0	C
OH0143	BRECKSVILLE	SICL	38	0.43	3	7		0	C
OH0143	BRECKSVILLE	SIL	48	0.43	3	7		0	C
OH0143	BRECKSVILLE	SIL	48	0.43	3	7		0	C
IL0104	BRENTON	SIL	48	0.28	5	18		0	B
MI0060	BRONSON	LS	134	0.17	4	24		0	B
MI0060	BRONSON	SL	86	0.24	4	17		0	B
WV0032	BROOKE	SIC		0.28	2	7		0	D
WV0032	BROOKE	SICL CL		0.37	2	5		0	D
OH0030	BROOKSIDE	SICL	38	0.37	5	14		0	C
OH0030	BROOKSIDE	SIL	48	0.37	5	14	4	11	C

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
OH0279	BROOKSIDE	BY-SICL ST-SICL	0	0.28	5	18		0	C
IN0002	BROOKSTON	MK-SIL	38	0.15	5	33		0	B/D
IN0002	BROOKSTON	SIL L	48	0.2	5	25		0	B/D
IN0131	BROOKSTON	SIL L	48	0.28	5	18		0	B/D
OH0024	BROUGHTON	C SIC	86	0.32	5	16		0	D
OH0024	BROUGHTON	SICL	38	0.43	5	12		0	D
OH0024	BROUGHTON	SIL	48	0.43	3	7	2	5	D
OH0211	BROWNSVILLE	CN-SIL	0	0.2	4	20		0	C
OH0211	BROWNSVILLE	SIL	56	0.28	4	14		0	C
OH0281	BRUSHCREEK	SICL	38	0.37	4	11		0	C
OH0281	BRUSHCREEK	SIL	56	0.37	4	11		0	C
OH0083	CAMBRIDGE	SIL L	48	0.43	3	7		0	C
OH0233	CAMBRIDGE	GR-SIL GR-L	0	0.32	3	9		0	C
OH0233	CAMBRIDGE	SIL L	48	0.43	3	7		0	C
OH0061	CANA	SICL	38	0.37	4	11	3	8	C
OH0061	CANA	SIL	48	0.37	4	11	3	8	C
OH0185	CANA	SIL	48	0.37	3	8		0	C
OH0236	CANA	SIL	56	0.37	4	11		0	C
NY0163	CANADICE	SICL SIL	48	0.49	2	4		0	D
OH0399	CANAL	SIL	48	0.37	5	14		0	C
OH0399	CANAL	SIL	48	0.37	5	14		0	C
OH0186	CANEADEA	SIL	48	0.43	4	9		0	D
OH0057	CANFIELD	SIL L	56	0.37	3	8		0	C
OH0269	CANFIELD	SIL L	56	0.37	3	8		0	C
AR0001	CAPTINA	SIL	56	0.43	4	9		0	C
OH0465	CARDINAL	SIL	56	0.37	5	14		0	B
OH0046	CARDINGTON	FSL	86	0.24	3	13		0	C
OH0046	CARDINGTON	SICL	38	0.37	3	8		0	C
OH0046	CARDINGTON	SIL L	48	0.37	3	8		0	C
MI0020	CARLISLE	MUCK	134		3				A/D
MI0311	CARLISLE	MK-SIL	48	0.37	5	14		0	A/D
MI0311	CARLISLE	SICL	38	0.37	5	14		0	A/D
MI0386	CARLISLE	MUCK	134		5				A/D
WI0020	CASCO	CL	48	0.32	2	6		0	B
WI0020	CASCO	GR-SL	86	0.17	2	12		0	B
WI0020	CASCO	L SCL	56	0.32	2	6		0	B
WI0074	CASCO	GR-SL GR-L	86	0.17	3	18		0	B
WI0074	CASCO	L SIL	56	0.32	3	9		0	B
OH0114	CASTALIA	CN-FSL CN-SL	0	0.15	2	13		0	C
OH0114	CASTALIA	CN-SIL CN-L	0	0.17	2	12		0	C
OH0114	CASTALIA	CNX-L CNV-SIL	0	0.17	2	12		0	C
OH0150	CASTALIA	STV-L	0	0.17	2	12		0	C
PA0078	CAVODE	SIL SICL	56	0.37	4	11	3	8	C
OH0320	CEDARFALLS	LS LCOS	134	0.15	3	20		0	A
OH0320	CEDARFALLS	SL COSL	86	0.24	3	13		0	A
OH0005	CELINA	FSL	86	0.28	4	14		0	C
OH0005	CELINA	SIL L	48	0.37	4	11		0	C

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
OH0005	CELINA	SIL L	48	0.37	4	11		0	C
OH0187	CELINA	SIL	48	0.37	3	8		0	C
OH0257	CENTERBURG	SIL	56	0.37	5	14		0	C
MI0015	CERESCO	L SIL	56	0.24	5	21		0	B
MI0015	CERESCO	LS LFS	134	0.17	5	29		0	B
MI0015	CERESCO	SL FSL	86	0.2	5	25		0	B
OH0031	CHAGRIN	CN-SIL CN-L	0	0.24	5	21		0	B
OH0031	CHAGRIN	SIL L	56	0.32	5	16		0	B
OH0031	CHAGRIN	SL FSL	86	0.32	5	16		0	B
IL0106	CHANNAHON	L SIL	48	0.32	1	3		0	D
KY0073	CHAVIES	FSL L SL	86	0.24	5	21		0	B
NY0089	CHENANGO	CN-SIL CN-L CN-SL	56	0.24	3	13		0	A
NY0089	CHENANGO	GR-SIL GR-L GR-SL	56	0.24	3	13		0	A
NY0089	CHENANGO	SIL L SL	56	0.32	3	9		0	A
OH0093	CHILI	GR-L GR-SL	0	0.24	4	17		0	B
OH0093	CHILI	GR-L GR-SL	0	0.24	4	17		0	B
OH0093	CHILI	L SIL	56	0.32	4	13		0	B
OH0093	CHILI	SL FSL	86	0.24	4	17		0	B
OH0093	CHILI	SL FSL	86	0.24	4	17		0	B
OH0355	CHILI	GR-L GR-SL	0	0.24	5	21		0	B
OH0355	CHILI	L SIL	56	0.32	5	16		0	B
OH0355	CHILI	SL FSL	86	0.24	5	21		0	B
OH0352	CIDERMILL	SIL	56	0.37	4	11		0	B
OH0016	CINCINNATI	SIL	48	0.43	4	9		0	C
OH0312	CINCINNATI	SIL	48	0.55	4	7	3	5	C
PA0033	CLARKSBURG	CN-SIL GR-SIL	48	0.28	4	14	3	11	C
PA0033	CLARKSBURG	SIL	56	0.37	4	11	3	8	C
OH0131	CLAVERACK	LFS	134	0.17	3	18		0	C
OH0232	CLAVERACK	LFS	134	0.28	3	11		0	C
OH0362	CLAYSVILLE	SIC	86	0.28	5	18		0	C
OH0362	CLAYSVILLE	SICL	86	0.28	5	18		0	C
OH0004	CLERMONT	SIL	48	0.43	5	12		0	D
KY0062	CLIFTY	GR-SIL GR-L	56	0.28	5	18		0	B
KY0062	CLIFTY	SIL	56	0.32	5	16		0	B
PA0058	CLYMER	CB-L CB-SL CB-SIL	0	0.2	3	15		0	B
PA0058	CLYMER	CN-L CN-SL CN-SIL	48	0.2	3	15		0	B
PA0058	CLYMER	L SL SIL	56	0.24	3	13		0	B
OH0442	COBLYNN	L	48	0.28	5	18		0	B
MI0040	COHOCTAH	FSL SL MK-VFSL	86	0.24	5	21		0	B/D
MI0040	COHOCTAH	L SIL VFSL	56	0.28	5	18		0	B/D
MI0040	COHOCTAH	LFS	134	0.17	5	29		0	B/D
NY0086	COLONIE	FS	310	0.15	5	33		0	A
NY0086	COLONIE	LFS LVFS	134	0.17	5	29		0	A
NY0086	COLONIE	VFSL FSL	86	0.24	5	21		0	A

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
MI0036	COLWOOD	FSL VFSL	86	0.2	5	25		0	B/D
MI0036	COLWOOD	SICL	38	0.28	5	18		0	B/D
MI0036	COLWOOD	SIL L	56	0.28	5	18		0	B/D
MI0525	COLWOOD	SICL	38	0.28	5	18		0	B/D
MI0525	COLWOOD	SIL L	56	0.28	5	18		0	B/D
KY0011	COLYER	SH-SICL SH-SIL	56	0.28	1	4		0	D
KY0011	COLYER	SIL SICL	56	0.37	1	3		0	D
OH0335	COLYER	SIL	56	0.37	3	8		0	B
OH0048	CONDIT	SICL	38	0.37	3	8		0	D
OH0048	CONDIT	SIL	48	0.37	3	8		0	D
OH0112	CONNEAUT	SIL	48	0.37	4	11		0	C
OH0158	CONNEAUT	SIL	48	0.37	4	11		0	C
OH0092	CONOTTON	GR-L GR-SL	0	0.24	4	17		0	B
OH0092	CONOTTON	GR-L GR-SL	0	0.24	4	17		0	B
OH0092	CONOTTON	GR-L GR-SL	0	0.24	4	17		0	B
OH0092	CONOTTON	GR-L GR-SL	0	0.24	4	17		0	B
OH0092	CONOTTON	L	56	0.24	4	17		0	B
OH0092	CONOTTON	L	56	0.24	4	17		0	B
OH0092	CONOTTON	L	56	0.24	4	17		0	B
OH0092	CONOTTON	L	56	0.24	4	17		0	B
OH0092	CONOTTON	SL	86	0.2	4	20		0	B
OH0092	CONOTTON	SL	86	0.2	4	20		0	B
OH0092	CONOTTON	SL	86	0.2	4	20		0	B
OH0092	CONOTTON	SL	86	0.2	4	20		0	B
OH0072	COOLVILLE	SICL	38	0.49	4	8	3	6	C
OH0072	COOLVILLE	SIL	48	0.55	4	7	3	5	C
IN0037	CORWIN	CL	48	0.43	3	7		0	B
IN0037	CORWIN	L SIL	56	0.37	4	11		0	B
OH0104	COSHOCTON	SH-SIL CN-L	0	0.28	4	14	3	11	C
OH0104	COSHOCTON	SIL L	56	0.37	4	11	3	8	C
OH0177	COSHOCTON	STV-SIL STV-L	0	0.28	5	18		0	C
IN0104	CRANE	SIL L	56	0.28	4	14		0	B
KY0030	CRIDER	SICL	48	0.32	5	16		0	B
KY0030	CRIDER	SIL	48	0.32	5	16		0	B
IN0023	CROSBY	FSL	86	0.24	4	17		0	C
IN0023	CROSBY	SIL L	56	0.43	4	9		0	C
OH0448	CROUSE	SIL	56	0.37	5	14		0	C
OH0223	CRUZE	SICL	38	0.43	5	12	4	9	C
OH0223	CRUZE	SIL	56	0.43	5	12	4	9	C
IN0025	CUBA	SIL	56	0.43	5	12		0	B
KY0044	CULLEOKA	FL-SIL FL-L CN-SIL	56	0.28	3	11	2	7	B
KY0044	CULLEOKA	SIL L	56	0.32	3	9	2	6	B
OH0426	CYGNET	L	56	0.24	4	17	3	13	B
OH0034	DAMASCUS	L SIL	48	0.32	4	13		0	B/D
IN0038	DANA	SICL	38	0.37	4	11	3	8	B
IN0038	DANA	SIL	56	0.32	4	13		0	B
IN0155	DANA	SIL	56	0.32	5	16		0	B

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
NY0137	DARIEN	GR-SIL	0	0.24	2	8		0	C
NY0137	DARIEN	SIL L SICL	48	0.37	2	5		0	C
NY0276	DARIEN	SH-SIL SH-L SH-SICL	48	0.24	3	13		0	C
NY0276	DARIEN	SIL L SICL	48	0.37	3	8		0	C
IN0074	DARROCH	FSL	86	0.2	5	25		0	B
IN0074	DARROCH	SIL L	56	0.28	5	18		0	B
OH0113	DEFIANCE	SIC	86	0.37	5	14		0	D
OH0113	DEFIANCE	SICL	38	0.37	5	14		0	D
OH0113	DEFIANCE	SIL	48	0.37	5	14		0	D
PA0202	DEKALB	CB-L CB-FSL CB-SL	48	0.17	2	12		0	C
PA0202	DEKALB	CB-L CB-FSL CB-SL	48	0.17	2	12		0	C
PA0202	DEKALB	CN-SL CN-L	48	0.17	2	12		0	C
PA0202	DEKALB	CN-SL CN-L	48	0.17	2	12		0	C
PA0202	DEKALB	SL L FSL	86	0.24	2	8		0	C
PA0203	DEKALB	ST-SL	48	0.17	2	12		0	A
PA0203	DEKALB	STV-SL STV-L STV-FSL	0	0.17	2	12		0	A
IL0022	DEL REY	SICL	38	0.43	3	7		0	C
IL0022	DEL REY	SIL L	48	0.43	3	7		0	C
IL0264	DEL REY	L SIL	48	0.43	3	7		0	C
IL0278	DEL REY	SIL L	48	0.43	5	12		0	C
OH0215	DEL REY	SIL	56	0.43	4	9		0	C
OH0102	DIGBY	L SIL	56	0.32	4	13		0	B
OH0102	DIGBY	SL FSL	86	0.24	4	17		0	B
OH0205	DIGBY	SIL	48	0.37	4	11		0	C
OH0294	DIGBY	L	56	0.32	2	6		0	C
MI0115	DIXBORO	FSL SL	86	0.2	5	25		0	B
MI0115	DIXBORO	LFS LVFS	134	0.2	5	25		0	B
MI0115	DIXBORO	VFSL	86	0.32	5	16		0	B
OH0221	DOLES	SIL	56	0.43	4	9		0	C
IL0281	DRUMMER	SICL	38	0.28	4	14		0	B/D
IL0281	DRUMMER	SIL	48	0.28	4	14		0	B/D
IN0106	DUBOIS	SIL	56	0.49	4	8		0	C
DC0021	DUMPS	VAR	0						
OH0130	DUNBRIDGE	FSL SL	86	0.17	2	12		0	B
OH0130	DUNBRIDGE	GR-FSL GR-LFS GR-LS	0	0.15	2	13		0	B
OH0130	DUNBRIDGE	LFS LS	134	0.17	2	12		0	B
PA0010	DUNCANNON	SIL L VFSL	86	0.37	5	14		0	B
KY0053	EDEN	FL-SICL FL-SIC FL-C	86	0.17	3	18	2	12	C
KY0053	EDEN	FL-SIL	56	0.17	3	18	2	12	C
KY0130	EDEN	SICL SIC	86	0.43	3	7	2	5	C
OH0027	EDENTON	CL	48	0.32	3	9	2	6	C
OH0027	EDENTON	SIL L	48	0.43	3	7	2	5	C

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
MI0016	EDWARDS	SP MUCK	134		1				B/D
IN0021	EEL	CL	48	0.24	5	21		0	
IN0021	EEL	SIL L	48	0.32	5	16		0	
OH0182	EEL	SIL	48	0.32	5	16		0	C
OH0182	EEL	SIL	48	0.32	5	16		0	C
OH0090	ELBA	SIC C	86	0.32	3	9	2	6	C
OH0090	ELBA	SICL	38	0.43	3	7	2	5	C
OH0090	ELBA	SIL	48	0.43	3	7	2	5	C
OH0003	ELDEAN	CL	48	0.32	4	13	3	9	B
OH0003	ELDEAN	L SIL	56	0.37	4	11	3	8	B
OH0339	ELDEAN	GR-L	0	0.28	4	14	3	11	B
IN0108	ELKINSVILLE	SIL	56	0.49	5	10	4	8	B
IL0096	ELLIOTT	SICL	38	0.28	5	18		0	C
IL0096	ELLIOTT	SIL L	48	0.28	5	18		0	C
OH0105	ELLSWORTH	SIL	48	0.43	2	5	1	2	C
OH0157	ELLSWORTH	SIL	48	0.43	2	5	1	2	C
NY0016	ELNORA	LFS FSL VFSL	134	0.17	2	12		0	B
OH0170	ENOCH	SH-L CN-L	0	0.28	5	18		0	C
OH0170	ENOCH	SH-L CN-L	0	0.28	5	18		0	C
OH0179	ENOCH	SICL	38	0.37	5	14		0	C
OH0179	ENOCH	SIL L	48	0.37	5	14		0	C
OH0342	ENOCH	STV-CL STV-SICL	0	0.28	5	18		0	C
OH0342	ENOCH	STV-L	0	0.24	5	21		0	C
WV0018	ERNEST	CN-SIL SH-SIL	48	0.32	4	13	3	9	C
WV0018	ERNEST	SIL L	56	0.43	4	9	3	7	C
OH0146	EUCLID	SIL	56	0.37	5	14		0	C
OH0146	EUCLID	SIL	56	0.37	5	14		0	C
KY0051	FAIRMOUNT	FL-SIC FL-C SIC	86	0.24	2	8	1	4	D
KY0051	FAIRMOUNT	SICL FL-SICL	38	0.37	2	5	1	3	D
OH0249	FAIRMOUNT	SICL	38	0.43	2	5		0	D
OH0171	FAIRPOINT	SH-L SH-SIL	0	0.28	5	18		0	C
OH0171	FAIRPOINT	SH-L SH-SIL	0	0.28	5	18		0	C
OH0171	FAIRPOINT	SHV-CL SHV-SICL	0	0.28	5	18		0	C
OH0171	FAIRPOINT	SHV-CL SHV-SICL	0	0.28	5	18		0	C
OH0181	FAIRPOINT	CL	48	0.43	5	12		0	C
OH0181	FAIRPOINT	SIL L	48	0.43	5	12		0	C
OH0347	FAIRPOINT	GR-CL GR-SICL	0	0.28	5	18		0	C
OH0347	FAIRPOINT	GR-SIL GR-L	0	0.28	5	18		0	C
OH0347	FAIRPOINT	GR-SIL GR-L	0	0.28	5	18		0	C
OH0347	FAIRPOINT	GRV-CL GRV-SICL	0	0.28	5	18		0	C
OH0347	FAIRPOINT	GRV-CL GRV-SICL	0	0.28	5	18		0	C
OH0373	FAIRPOINT	CN-L CN-SIL	0	0.28	5	18		0	C
OH0373	FAIRPOINT	CNV-CL CNV-SICL	0	0.28	5	18		0	C
OH0371	FARMERSTOWN	CL SICL	48	0.37	5	14		0	C
OH0371	FARMERSTOWN	L SIL	48	0.43	5	12		0	C
OH0371	FARMERSTOWN	SL	86	0.24	5	21		0	C
KY0014	FAYWOOD	SICL	38	0.37	2	5		0	C

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
KY0014	FAYWOOD	SIL	56	0.37	2	5		0	C
IN0032	FINCASTLE	SIL	56	0.37	4	11		0	C
IN0032	FINCASTLE	SIL	56	0.37	4	11		0	C
IN0132	FINCASTLE	SIL	56	0.37	5	14		0	C
OH0041	FITCHVILLE	SIL	48	0.37	5	14		0	C
OH0041	FITCHVILLE	SIL	48	0.37	5	14		0	C
OH0206	FITCHVILLE	SIL	48	0.37	5	14		0	C
OH0314	FITCHVILLE	SIL	56	0.37	4	11		0	C
OH0351	FITCHVILLE	SIL	48	0.37	4	11		0	C
OH0380	FLATROCK	L	48	0.32	5	16		0	B
OH0380	FLATROCK	SIL	48	0.37	5	14		0	B
OH0457	FLATROCK	SIL	48	0.37	5	14		0	B
WI0026	FOX	CL SICL	48	0.32	4	13	3	9	B
WI0026	FOX	SIL L	56	0.37	4	11	3	8	B
WI0438	FOX	GR-CL GR-SICL GR-SCL	0	0.24	4	17		0	B
WI0438	FOX	GR-L GR-SIL	0	0.28	4	14		0	B
WI0438	FOX	GR-SL GR-FSL	0	0.17	4	24		0	B
OH0290	FRANKSTOWN	SIL	56	0.37	2	5		0	B
OH0290	FRANKSTOWN	SIL	56	0.37	2	5		0	B
OH0290	FRANKSTOWN	STV-SIL	0	0.28	2	7		0	B
OH0290	FRANKSTOWN	STV-SIL	0	0.28	2	7		0	B
OH0462	FREDERICKTOWN	GR-L GR-SIL	0	0.24	5	21		0	B
OH0462	FREDERICKTOWN	L SIL	56	0.32	5	16		0	B
OH0085	FRENCHTOWN	SIL L	48	0.37	4	11		0	D
OH0234	FRENCHTOWN	SIL L	48	0.37	3	8		0	D
OH0115	FRIES	SIC	86	0.28	3	11		0	D
OH0115	FRIES	SICL	38	0.28	3	11		0	D
OH0115	FRIES	SIL	48	0.28	3	11		0	D
OH0080	FULTON	SIL L	48	0.37	5	14		0	D
OH0080	FULTON	SL	86	0.2	5	25		0	D
OH0283	FULTON	L	48	0.32	5	16		0	C
OH0295	FULTON	SIL	48	0.43	4	9		0	D
OH0414	FULTON	SIL	48	0.37	5	14		0	D
NY0111	GALEN	FSL VFSL LVFS	86	0.28	5	18		0	B
NY0111	GALEN	LFS	134	0.17	5	29		0	B
OH0087	GALLIA	SIL L	56	0.37	5	14		0	B
OH0358	GALLIPOLIS	SIL	48	0.37	5	14		0	C
OH0145	GALLMAN	L SIL	56	0.32	5	16		0	B
OH0336	GALLMAN	SIL L	56	0.32	5	16		0	B
OH0421	GALLMAN	SIL L	48	0.37	5	14		0	B
MO0028	GASCONADE	FL-SIC	0	0.2	1	5		0	D
MO0028	GASCONADE	FL-SICL FL-CL	0	0.2	1	5		0	D
MO0028	GASCONADE	FLV-SICL FLX-SICL FLV-CL	0	0.2	1	5		0	D
OH0461	GAVERS	SIL	56	0.43	5	12		0	C

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
OH0116	GEEBURG	SICL	38	0.43	2	5	1	2	C
OH0116	GEEBURG	SICL	38	0.43	2	5	1	2	C
OH0116	GEEBURG	SICL	38	0.43	2	5	1	2	C
OH0116	GEEBURG	SIL L	48	0.43	2	5	1	2	C
OH0116	GEEBURG	SIL L	48	0.43	2	5	1	2	C
OH0116	GEEBURG	SIL L	48	0.43	2	5	1	2	C
IN0045	GENESEE	FSL SL	86	0.24	5	21		0	B
IN0045	GENESEE	SIL L	48	0.37	5	14		0	B
IN0180	GENESEE	SIL L	56	0.37	4	11		0	B
IN0300	GENESEE	GR-L	0	0.24	4	17		0	B
IN0300	GENESEE	SIL L	48	0.32	4	13		0	B
OH0159	GENESEE	L	56	0.37	2	5		0	B
OH0217	GENESEE	SIL	56	0.37	1	3		0	D
OH0364	GERMANO	FSL	134	0.24	3	13		0	B
OH0364	GERMANO	L	56	0.32	3	9		0	B
OH0364	GERMANO	SL	86	0.24	3	13		0	B
IN0137	GESSIE	SIL L	86	0.28	5	18		0	B
IN0003	GILFORD	FSL SL	86	0.1	4	40		0	B/D
IN0003	GILFORD	L	56	0.15	4	27		0	B/D
IN0003	GILFORD	MK-SL MK-FSL MK-L	86	0.1	4	40		0	B/D
PA0007	GILPIN	CN-SIL CN-L SH-SIL	48	0.24	3	13	2	8	C
PA0007	GILPIN	SIL L	0	0.32	3	9	2	6	C
PA0007	GILPIN	SIL L	0	0.32	3	9	2	6	C
PA0007	GILPIN	SIL L	0	0.32	3	9	2	6	C
PA0008	GILPIN	STV-SIL STV-L	0	0.24	3	13		0	C
IN0063	GINAT	SIL	56	0.49	5	10		0	C
MI0094	GLENDORA	L	56	0.24	5	21		0	A/D
MI0094	GLENDORA	LS LFS	134	0.17	5	29		0	A/D
MI0094	GLENDORA	SL FSL	86	0.2	5	25		0	A/D
OH0044	GLENFORD	SIL	48	0.37	5	14	4	11	C
OH0040	GLYNWOOD	SIC	86	0.37	3	8		0	C
OH0040	GLYNWOOD	SIC	86	0.37	3	8		0	C
OH0040	GLYNWOOD	SICL CL	38	0.43	4	9	3	7	C
OH0040	GLYNWOOD	SICL CL	38	0.43	4	9	3	7	C
OH0040	GLYNWOOD	SIL L	48	0.43	4	9		0	C
OH0040	GLYNWOOD	SIL L	48	0.43	4	9		0	C
OH0413	GLYNWOOD	L SIL	48	0.43	3	7		0	C
MI0395	GRANBY	FSL SL	86	0.2	5	25		0	A/D
MI0395	GRANBY	LS LFS	134	0.17	5	29		0	A/D
MI0395	GRANBY	S FS	250	0.15	5	33		0	A/D
OH0466	GRAND	SIL	48	0.32	5	16		0	C
IN0071	GRAYFORD	SICL	38	0.37	3	8	2	5	B
IN0071	GRAYFORD	SIL	56	0.37	3	8	2	5	B
OH0117	GRESHAM	SIL L	56	0.37	3	8		0	C
OH0059	GUERNSEY	SIL	48	0.43	5	12	4	9	C

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
OH0230	GUERNSEY	STV-SIL	0	0.32	5	16		0	C
OH0248	GUERNSEY	SICL	38	0.43	2	5		0	D
WV0100	HACKERS	SIL L	56	0.32	5	16		0	B
OH0152	HANEY	FSL SL	86	0.32	4	13		0	B
OH0152	HANEY	L SIL	56	0.32	4	13		0	B
OH0058	HANOVER	SIL L	56	0.37	3	8	2	5	C
OH0467	HARBOR	LFS		0.24	4	17		0	C
OH0420	HARROD	SIL	48	0.28	2	7		0	B
OH0071	HARTSHORN	GR-L GR-SIL	0	0.24	3	13		0	B
OH0071	HARTSHORN	SIL L	48	0.32	3	9		0	B
OH0252	HARTSHORN	SIL	56	0.37	3	8		0	C
OH0096	HASKINS	FSL SL	86	0.24	4	17		0	C
OH0096	HASKINS	L SIL	56	0.37	4	11		0	C
OH0051	HAUBSTADT	SIL	48	0.43	4	9	3	7	C
IN0030	HAYMOND	SI	38	0.49	5	10		0	B
IN0030	HAYMOND	SIL	56	0.49	5	10		0	B
VA0060	HAYTER	CB-L CB-FSL	86	0.2	4	20		0	B
VA0060	HAYTER	L FSL	86	0.28	4	14		0	B
VA0061	HAYTER	STV-L STV-SL STV-SIL	0	0.15	4	27		0	B
PA0080	HAZLETON	SL L FSL	86	0.17	5	29		0	B
PA0081	HAZLETON	ST-SL ST-L	48	0.15	3	20		0	B
PA0081	HAZLETON	STX-SL STX-L	0	0.15	3	20		0	B
PA0181	HAZLETON	BYV-SL BYV-L	0	0.15	5	33		0	B
PA0181	HAZLETON	BYX-SL BYX-L	0	0.15	5	33		0	B
IL0135	HENNEPIN	GR-SL	0	0.17	5	29		0	B
IL0135	HENNEPIN	L SIL CL	48	0.28	5	18		0	B
IL0135	HENNEPIN	SL GR-SL	86	0.17	5	29		0	B
KY0002	HENSHAW	SIL	56	0.43	5	12		0	C
OH0317	HENSHAW	SIL	56	0.28	5	18		0	C
OH0428	HEVERLO	SIL	56	0.37	3	8		0	B
IL0019	HICKORY	L SIL	48	0.37	5	14		0	B
IL0347	HICKORY	L SIL	48	0.37	5	14		0	B
IL0347	HICKORY	SICL	38	0.37	5	14		0	B
OH0032	HOLLY	SICL	38	0.28	5	18		0	B/D
OH0032	HOLLY	SIL L	48	0.28	5	18		0	B/D
OH0210	HOLLY	SICL	0	0.28	5	18		0	D
OH0210	HOLLY	SIL L	0	0.28	5	18		0	D
OH0210	HOLLY	SIL L	0	0.28	5	18		0	D
IN0239	HOLTON	SIL L	56	0.37	5	14		0	C
IN0041	HOMER	L SIL	56	0.37	3	8		0	B
IN0041	HOMER	SL FSL	86	0.24	3	13		0	B
OH0267	HOMEWOOD	SIL	56	0.37	4	11	3	8	C
NY0107	HORNELL	CN-SIL CN-SICL	0	0.37	3	8	2	5	D
NY0107	HORNELL	SIL SICL	48	0.43	3	7	2	5	D
OH0407	HOUCKTOWN	L SIL	56	0.37	4	11		0	B
OH0407	HOUCKTOWN	SL	86	0.2	4	20		0	B

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
OH0007	HOYTVILLE	CL	48	0.24	5	21		0	C/D
OH0007	HOYTVILLE	SIL L	48	0.28	5	18		0	C/D
OH0306	HOYTVILLE	SICL	38	0.28	2	7		0	D
OH0307	HOYTVILLE	C	86	0.28	5	18		0	D
OH0307	HOYTVILLE	C	86	0.28	5	18		0	D
OH0366	HOYTVILLE	C SIC	86	0.24	5	21		0	C/D
WV0005	HUNTINGTON	SIL L SICL		0.28	5	18		0	B
OH0452	HYATTS	SIL	48	0.43	3	7		0	C
NY0147	ILION	CN-SIL CN-L CN-SICL	0	0.28	2	7		0	D
NY0147	ILION	SIL L SICL	48	0.37	2	5		0	D
MI0043	IONIA	SIL L	56	0.32	4	13		0	B
MI0043	IONIA	SL	86	0.24	4	17		0	B
IN0051	IVA	SIL	48	0.43	5	12		0	C
OH0408	JENERA	FSL	86	0.2	5	25		0	B
OH0408	JENERA	SIL	56	0.28	5	18		0	B
OH0391	JENEVA	SIL		0.37	5	14		0	B
OH0391	JENEVA	SIL		0.37	5	14		0	B
OH0052	JESSUP	SICL	38	0.43	5	12	4	9	C
OH0052	JESSUP	SIL	48	0.43	5	12	4	9	C
OH0118	JIMTOWN	GR-L GR-SL	0	0.2	5	25		0	C
OH0118	JIMTOWN	L SIL	56	0.32	5	16		0	C
OH0118	JIMTOWN	SL	86	0.24	5	21		0	C
IN0043	JOHNSBURG	SIL	56	0.43	4	9		0	D
IL0153	JOLIET	CL	48	0.28	1	4		0	D
IL0153	JOLIET	L SIL	48	0.28	1	4		0	D
IL0153	JOLIET	SICL	38	0.28	1	4		0	D
OH0433	JONESBORO	SIL	48	0.43	4	9		0	C
IL0111	JULES	SIL L	86	0.37	5	14		0	B
WV0041	KANAWHA	FSL SL	86	0.24	5	21		0	B
WV0042	KANAWHA	FSL SL	86	0.24	5	21		0	B
WV0042	KANAWHA	SIL L	56	0.32	5	16		0	B
IL0217	KANE	SIL L	56	0.28	3	11		0	B
IL0217	KANE	SL	86	0.2	3	15		0	B
OH0103	KEENE	SIL	56	0.43	5	12		0	C
OH0468	KELLOGGS	SIL L	48	0.37	5	14	4	11	C
OH0067	KENDALLVILLE	CL	48	0.37	4	11		0	B
OH0067	KENDALLVILLE	SIL L	48	0.37	4	11		0	B
OH0067	KENDALLVILLE	SL	86	0.24	4	17		0	B
OH0370	KENDALLVILLE	SIL L	48	0.37	4	11	3	8	B
OH0370	KENDALLVILLE	SL	86	0.24	4	17	3	13	B
OH0463	KENSINGTON	SIL	56	0.37	4	11		0	C
MI0022	KERSTON	MUCK	134		3				A/D
MI0022	KERSTON	SIL	56	0.28	3	11		0	A/D
MI0041	KIBBIE	FSL SL VFSL	86	0.2	5	25		0	B
MI0041	KIBBIE	L SIL	56	0.28	5	18		0	B
MI0041	KIBBIE	LFS	134	0.17	5	29		0	B

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
MI0332	KIBBIE	FSL SL VFSL	86	0.2	5	25		0	B
MI0332	KIBBIE	L SIL	56	0.28	5	18		0	B
OH0038	KILLBUCK	SIL	48	0.37	5	14		0	C/D
OH0313	KINGS	SICL	38	0.37	4	11		0	D
OH0070	KINGSVILLE	LFS LS	134	0.17	5	29		0	A/D
OH0070	KINGSVILLE	MK-LFS	134	0.17	5	29		0	A/D
OH0203	KINGSVILLE	MK-S	310	0.15	5	33		0	A/D
OH0203	KINGSVILLE	S	310	0.15	5	33		0	A/D
OH0365	KINGSVILLE	FSL	86	0.2	5	25		0	A/D
OH0379	KNOXDALE	L	48	0.32	5	16		0	B
OH0379	KNOXDALE	SIL	48	0.37	5	14		0	B
IN0086	KOKOMO	MK-SIL	48	0.32	5	16		0	B/D
IN0086	KOKOMO	SICL CL	38	0.32	5	16		0	B/D
IN0086	KOKOMO	SIL L	48	0.32	5	16		0	B/D
OH0361	KYGER	L SIL	56	0.32	5	16		0	B
OH0361	KYGER	LS	134	0.17	5	29		0	B
OH0361	KYGER	SL	86	0.24	5	21		0	B
WV0002	LAIDIG	STV-L STV-SL STV-FSL		0.28	4	14		0	C
WV0022	LAKIN	LFS LS FS		0.17	5	29		0	A
OH0409	LAMBERJACK	L	56	0.28	4	14		0	B
NY0041	LAMSON	LVFS LFS	134	0.2	5	25		0	B/D
NY0041	LAMSON	MK-VFSL MK-FSL MK-L	86	0.28	5	18		0	B/D
NY0041	LAMSON	VFSL FSL SIL	86	0.28	5	18		0	B/D
IL0021	LANDES	FSL SL VFSL	86	0.24	4	17		0	B
IL0021	LANDES	LS LVFS LFS	134	0.17	4	24		0	B
IL0265	LANDES	FSL SL	86	0.2	4	20		0	B
IL0265	LANDES	L SIL	56	0.28	4	14		0	B
IL0265	LANDES	LS	134	0.17	4	24		0	B
OH0303	LANDES	SL	86	0.2	5	25		0	B
OH0133	LANIER	FSL	86	0.2	3	15		0	A
OH0133	LANIER	GR-FSL GR-SL	0	0.15	3	20		0	A
OH0133	LANIER	SL	86	0.2	3	15		0	A
OH0029	LATHAM	SICL	38	0.43	3	7		0	D
OH0029	LATHAM	SIL	48	0.43	3	7		0	D
OH0082	LATTY	SICL	86	0.28	5	18		0	D
OH0176	LATTY	SIC C	86	0.28	5	18		0	D
OH0176	LATTY	SICL	86	0.28	5	18		0	D
OH0062	LAWSHE	SIC C	86	0.32	4	13	3	9	D
OH0062	LAWSHE	SICL	38	0.32	4	13	3	9	D
OH0062	LAWSHE	SIL	48	0.32	4	13	3	9	D
MI0002	LENAWEE	CL	48	0.24	5	21		0	B/D
MI0002	LENAWEE	SIC	86	0.28	5	18		0	B/D
MI0002	LENAWEE	SICL MK-SICL	38	0.28	5	18		0	B/D
OH0241	LENAWEE	SICL	38	0.37	5	14		0	C/D
MI0777	LEONI	GR-L GRV-L GRV-SL	86	0.32	3	9		0	B

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
OH0140	LEWISBURG	CL	48	0.43	5	12		0	C
OH0140	LEWISBURG	SIL L	48	0.43	5	12		0	C
OH0167	LIBRARY	SIL	48	0.43	5	12		0	C
OH0382	LIBRE	SIL	56	0.37	5	14		0	B
OH0088	LICKING	SICL	38	0.43	4	9		0	C
OH0088	LICKING	SIL	48	0.43	4	9		0	C
KY0023	LILY	FSL SL	86	0.28	2	7		0	B
KY0023	LILY	GR-SL GR-FSL GR-L	86	0.28	2	7		0	B
KY0023	LILY	L SIL	56	0.28	2	7		0	B
WV0040	LINDSIDE	SICL		0.32	5	16		0	C
WV0040	LINDSIDE	SIL L		0.32	5	16		0	C
MI0001	LINWOOD	MK-SIL	56	0.24	2	8		0	A/D
MI0001	LINWOOD	MUCK	134		2	#DIV/0!		#DIV/0!	A/D
MI0001	LINWOOD	MUCK	134		2	#DIV/0!		#DIV/0!	A/D
MI0344	LINWOOD	MK-SIL	0		4	#DIV/0!		#DIV/0!	A/D
OH0134	LIPPINCOTT	CL	48	0.24	4	17		0	B/D
OH0134	LIPPINCOTT	SICL	38	0.28	4	14		0	B/D
OH0345	LIPPINCOTT	MK-SIL	48	0.28	4	14		0	B/D
OH0108	LOBDELL	SIL L	56	0.37	5	14		0	B
OH0108	LOBDELL	SL FSL	86	0.28	5	18		0	B
OH0237	LOBDELL	SIL L	56	0.37	5	14		0	B
NY0168	LOCKPORT	GR-L GR-SIL SH-SICL	48	0.28	2	7		0	D
NY0168	LOCKPORT	L SIL SICL	48	0.43	2	5		0	D
OH0028	LORAIN	SICL	38	0.32	4	13		0	C/D
OH0149	LORAIN	SICL	38	0.32	4	13		0	C/D
OH0163	LORAIN	SICL	38	0.32	3	9		0	C/D
OH0287	LORAIN	C SIC	86	0.32	5	16		0	C/D
OH0287	LORAIN	SICL	38	0.32	5	16		0	C/D
NY0096	LORDSTOWN	CN-SIL CN-L FL-SIL	56	0.2	2	10	1	5	C
NY0096	LORDSTOWN	SIL L	56	0.28	2	7	1	4	C
NY0096	LORDSTOWN	ST-SIL ST-L	56	0.2	2	10	1	5	C
IL0020	LORENZO	CL	48	0.28	3	11	2	7	B
IL0020	LORENZO	L SIL	48	0.28	3	11	2	7	B
IL0020	LORENZO	SL	86	0.2	3	15	2	10	B
OH0053	LOUDON	SICL	38	0.43	5	12		0	C
OH0053	LOUDON	SIL	48	0.43	5	12		0	C
OH0119	LOUDONVILLE	L SIL	56	0.32	2	6		0	C
OH0119	LOUDONVILLE	L SIL	56	0.32	2	6		0	C
OH0119	LOUDONVILLE	L SIL	56	0.32	2	6		0	C
OH0311	LOUDONVILLE	SIL	56	0.37	1	3		0	D
KY0032	LOWELL	SIL	56	0.37	3	8	2	5	C
KY0110	LOWELL	SIL	48	0.37	3	8		0	C

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
OH0076	LUCAS	SIC	86	0.28	4	14		0	D
OH0076	LUCAS	SICL	38	0.37	5	14		0	D
OH0076	LUCAS	SIL	48	0.37	5	14		0	D
OH0434	LUMBERTON	SIL	48	0.37	3	8		0	B
OH0042	LURAY	SICL	38	0.32	5	16		0	C/D
OH0042	LURAY	SICL	38	0.32	5	16		0	C/D
OH0042	LURAY	SICL	38	0.32	5	16		0	C/D
OH0042	LURAY	SIL	48	0.32	5	16		0	C/D
OH0042	LURAY	SIL	48	0.32	5	16		0	C/D
OH0042	LURAY	SIL	48	0.32	5	16		0	C/D
OH0451	LYBRAND	CL	48	0.32	3	9		0	C
OH0451	LYBRAND	SICL	38	0.37	3	8		0	C
OH0451	LYBRAND	SIL L	48	0.37	4	11		0	C
OH0139	LYKENS	SIL L	48	0.37	3	8		0	C
OH0139	LYKENS	VFSL	86	0.37	3	8		0	C
IN0005	MAHALASVILLE	SICL	38	0.28	5	18		0	B/D
IN0005	MAHALASVILLE	SIL	48	0.28	5	18		0	B/D
OH0120	MAHONING	SIL L	48	0.43	2	5		0	D
OH0156	MAHONING	SIL L	48	0.43	2	5		0	D
OH0385	MARBLEHEAD	L FL-SIL	56	0.28	1	4		0	C
OH0049	MARENGO	CL	48	0.24	4	17		0	C/D
OH0049	MARENGO	SICL	38	0.28	4	14		0	C/D
OH0049	MARENGO	SIL L	48	0.28	4	14		0	C/D
IN0044	MARKLAND	SICL	38	0.43	3	7		0	C
IN0549	MARKLAND	SIL	48	0.49	4	8		0	C
IN0018	MARTINSVILLE	L SIL	56	0.28	5	18		0	B
IN0271	MARTINSVILLE	CL	48	0.37	5	14		0	B
IN0271	MARTINSVILLE	SIL L	56	0.37	5	14		0	B
IN0274	MARTINSVILLE	SIL	48	0.37	5	14		0	B
NY0106	MARTISCO	MUCK	134		5				B/D
NY0106	MARTISCO	MUCK	134		5				B/D
IN0052	MCGARY	SICL	38	0.43	4	9	3	7	C
IN0052	MCGARY	SIL	48	0.49	4	8	3	6	C
OH0338	MCGARY	SICL	38	0.43	3	7		0	C
OH0338	MCGARY	SIL	48	0.43	3	7		0	C
OH0289	MCGUFFEY	SP	134		5				D
OH0162	MECHANICSBURG	SIL	56	0.37	4	11		0	C
OH0015	MEDWAY	CL	48	0.24	5	21		0	B
OH0015	MEDWAY	SIL L	48	0.28	5	18		0	B
OH0318	MEDWAY	SIL L	48	0.28	2	7		0	B
OH0415	MEDWAY	SIL	48	0.28	5	18		0	B
KY0025	MELVIN	SICL	38	0.37	5	14		0	D
KY0025	MELVIN	SIL	56	0.43	5	12		0	D
KY0119	MELVIN	L FSL	56	0.43	5	12		0	D
KY0119	MELVIN	SICL	38	0.43	5	12		0	D
KY0119	MELVIN	SIL	56	0.43	5	12		0	D

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
KY0127	MELVIN	SICL	38	0.37	5	14		0	D
KY0127	MELVIN	SIL	56	0.43	5	12		0	D
OH0037	MENTOR	SIL L	56	0.37	5	14		0	B
OH0101	MENTOR	SIL L	56	0.37	5	14		0	B
OH0219	MENTOR	SIL L	56	0.37	5	14		0	B
OH0097	MERMILL	CL	48	0.28	4	14		0	B/D
OH0097	MERMILL	FSL	86	0.2	4	20		0	B/D
OH0240	MERMILL	SL	86	0.24	5	21		0	D
OH0367	MERMILL	SICL	38	0.28	4	14		0	B/D
OH0367	MERMILL	SIL L	48	0.28	4	14		0	B/D
PA0124	MERTZ	CR-SIL CR-L	48	0.28	5	18		0	C
PA0124	MERTZ	CRV-SIL CRV-L	0	0.28	5	18		0	C
PA0413	MERTZ	STV-SIL	0	0.28	5	18		0	C
MI0087	METAMORA	LS	134	0.17	5	29		0	B
MI0087	METAMORA	SL FSL	86	0.2	5	25		0	B
IN0013	MIAMI	CL SICL	48	0.37	3	8		0	B
IN0013	MIAMI	FSL SL	86	0.24	4	17		0	B
IN0013	MIAMI	SIL L	56	0.37	4	11		0	B
OH0297	MIAMI	SIL	48	0.37	4	11		0	C
OH0008	MIAMIAN	CL	48	0.32	4	13	3	9	C
OH0008	MIAMIAN	SICL	38	0.37	4	11	3	8	C
OH0008	MIAMIAN	SIL L	48	0.37	4	11		0	C
OH0165	MIAMIAN	SIL	48	0.37	5	14		0	C
OH0165	MIAMIAN	SIL	48	0.37	5	14		0	C
OH0354	MIAMIAN	SIL	48	0.37	5	14		0	C
IL0040	MILFORD	SIC	86	0.28	5	18		0	B/D
IL0040	MILFORD	SICL CL	86	0.28	5	18		0	B/D
IL0397	MILFORD	SICL	86	0.28	5	18		0	B/D
OH0009	MILLGROVE	CL	48	0.24	4	17		0	B/D
OH0009	MILLGROVE	FSL	86	0.2	4	20		0	B/D
OH0009	MILLGROVE	L	48	0.24	4	17		0	B/D
OH0368	MILLGROVE	SIL	48	0.28	4	14		0	B/D
OH0430	MILLGROVE	SICL	38	0.28	4	14		0	B/D
OH0018	MILLSDALE	SICL	38	0.24	2	8		0	C/D
OH0280	MILLSDALE	SICL	38	0.28	2	7		0	B
OH0011	MILTON	CL	48	0.32	2	6		0	C
OH0011	MILTON	CL	48	0.32	2	6		0	C
OH0011	MILTON	SICL	38	0.37	2	5		0	C
OH0011	MILTON	SICL	38	0.37	2	5		0	C
OH0011	MILTON	SIL L	48	0.37	2	5		0	C
OH0011	MILTON	SIL L	48	0.37	2	5		0	C
OH0200	MILTON	L	56	0.32	2	6		0	B
OH0250	MILTON	CNV-SIL CN-SIL	0	0.28	2	7		0	C
OH0121	MINER	SICL	38	0.32	2	6		0	D
OH0121	MINER	SIL	48	0.32	2	6		0	D
OH0284	MINER	SICL	38	0.32	2	6		0	D
NY0046	MINOA	L FSL	86	0.28	5	18		0	C

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
NY0046	MINOA	VFSL SIL LVFS	56	0.32	5	16		0	C
OH0055	MITIWANGA	CN-L	0	0.24	2	8		0	C
OH0055	MITIWANGA	SIL L	48	0.32	2	6		0	C
OH0266	MITIWANGA	SIL	48	0.32	2	6		0	C
WV0006	MONONGAHELA	CB-FSL CB-L CB-SIL	56	0.37	4	11	3	8	C
WV0006	MONONGAHELA	CB-FSL CB-L CB-SIL	56	0.37	4	11	3	8	C
WV0006	MONONGAHELA	FSL L SIL	56	0.43	4	9	3	7	C
WV0006	MONONGAHELA	FSL L SIL	56	0.43	4	9	3	7	C
WV0006	MONONGAHELA	GR-FSL GR-L GR-SIL	56	0.37	4	11	3	8	C
WV0006	MONONGAHELA	GR-FSL GR-L GR-SIL	56	0.37	4	11	3	8	C
IN0007	MONTGOMERY	SIC	86	0.28	4	14		0	D
IN0007	MONTGOMERY	SICL	86	0.32	4	13		0	D
IN0007	MONTGOMERY	SIL	48	0.43	4	9		0	D
IN0157	MONTGOMERY	SICL	38	0.37	5	14		0	D
OH0173	MONTGOMERY	SIL	48	0.37	5	14		0	D
IL0017	MORLEY	CL	48	0.32	5	16		0	C
IL0017	MORLEY	SIL L	48	0.37	5	14		0	C
IL0270	MORLEY	SICL	38	0.37	5	14		0	C
IL0270	MORLEY	SIL L	48	0.37	5	14		0	C
IL0351	MORLEY	CL	48	0.32	5	16		0	C
IL0351	MORLEY	SICL	38	0.37	5	14		0	C
OH0432	MORLEY	L	48	0.37	4	11		0	C
OH0172	MORRISTOWN	GR-L GR-SIL	0	0.32	5	16		0	C
OH0172	MORRISTOWN	GR-L GR-SIL	0	0.32	5	16		0	C
OH0172	MORRISTOWN	GR-L GR-SIL	0	0.32	5	16		0	C
OH0172	MORRISTOWN	SH-SICL CN-SICL	0	0.32	5	16		0	C
OH0172	MORRISTOWN	SH-SICL CN-SICL	0	0.32	5	16		0	C
OH0172	MORRISTOWN	SH-SICL CN-SICL	0	0.32	5	16		0	C
OH0183	MORRISTOWN	SIL L	86	0.43	5	12		0	C
OH0183	MORRISTOWN	SIL L	86	0.43	5	12		0	C
OH0183	MORRISTOWN	SIL L	86	0.43	5	12		0	C
OH0308	MORRISTOWN	ST-CL ST-SICL BY-SICL	0	0.32	5	16		0	C
OH0308	MORRISTOWN	ST-SIL ST-L BY-SIL	0	0.32	5	16		0	C
OH0308	MORRISTOWN	STV-CL STV-SICL	0	0.32	5	16		0	C
OH0447	MORRISVILLE	SICL	48	0.37	3	8		0	C
OH0410	MORTIMER	SICL CL	38	0.37	5	14		0	D
OH0410	MORTIMER	SIL	48	0.37	5	14		0	D
OH0033	MOSHANNON	SICL	38	0.37	5	14		0	B
OH0033	MOSHANNON	SIL L	48	0.37	5	14		0	B
KY0048	MUSE	SICL	38	0.32	4	13	3	9	C
KY0048	MUSE	SIL SICL SH-L	56	0.37	4	11	3	8	C
WI0046	MUSKEGO	SP MUCK	134	0.1	1	10		0	A/D
MI0014	NAPPANEE	CL	48	0.37	5	14		0	D

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
MI0014	NAPPANEE	CL	48	0.37	5	14		0	D
MI0014	NAPPANEE	L SIL	48	0.37	3	8	2	5	D
MI0014	NAPPANEE	L SIL	48	0.37	3	8	2	5	D
MI0014	NAPPANEE	SICL	38	0.43	5	12		0	D
MI0014	NAPPANEE	SICL	38	0.43	5	12		0	D
OH0019	NEGLEY	CL	48	0.32	5	16	4	13	B
OH0019	NEGLEY	CL	48	0.32	5	16	4	13	B
OH0019	NEGLEY	GR-L	0	0.24	5	21	4	17	B
OH0019	NEGLEY	GR-L	0	0.24	5	21	4	17	B
OH0019	NEGLEY	L SIL	56	0.32	5	16	4	13	B
OH0019	NEGLEY	L SIL	56	0.32	5	16	4	13	B
OH0064	NEOTOMA	CN-SIL CN-L FL-SIL	0	0.2	5	25		0	B
OH0064	NEOTOMA	ST-SIL ST-L	0	0.2	5	25		0	B
KY0003	NEWARK	SIL L	56	0.43	5	12		0	C
KY0109	NEWARK	SIL	56	0.43	5	12		0	D
KY0123	NEWARK	SICL	38	0.37	5	14		0	C
KY0123	NEWARK	SIL L	56	0.43	5	12		0	C
OH0199	NEWARK	SIL	48	0.37	3	8		0	B
OH0517	NICELY	SIL	48	0.37	5	14		0	B
KY0028	NICHOLSON	SIL	56	0.43	4	9	3	7	C
IN0047	NINEVEH	GR-L	0	0.2	4	20		0	B
IN0047	NINEVEH	L SIL	48	0.28	4	14		0	B
KY0017	NOLIN	L	56	0.37	5	14		0	B
KY0017	NOLIN	SIL SICL	56	0.43	5	12		0	B
OH0198	NOLIN	SIL	48	0.37	5	14		0	B
MI0038	OAKVILLE	FS S	250	0.15	5	33		0	A
MI0038	OAKVILLE	LS LFS	134	0.17	5	29		0	A
IN0034	OCKLEY	CL	48	0.28	3	11		0	B
IN0034	OCKLEY	SIL L	56	0.32	4	13		0	B
IN0034	OCKLEY	SL	86	0.2	4	20		0	B
IN0270	OCKLEY	SIL L	56	0.37	5	14		0	B
OH0444	OCKLEY	SIL L	56	0.37	5	14		0	B
IN0036	ODELL	SICL	38	0.28	5	18		0	B
IN0036	ODELL	SIL L	48	0.28	5	18		0	B
OH0144	OLENTANGY	MK-SIL	48		5				A/D
OH0144	OLENTANGY	SIL	48		5				A/D
OH0144	OLENTANGY	SP CE	134		5				A/D
OH0039	OLMSTED	L SIL	48	0.24	5	21		0	B/D
OH0039	OLMSTED	L SIL	48	0.24	5	21		0	B/D
OH0039	OLMSTED	L SIL	48	0.24	5	21		0	B/D
OH0039	OLMSTED	SICL	38	0.24	5	21		0	B/D
OH0039	OLMSTED	SICL	38	0.24	5	21		0	B/D
OH0039	OLMSTED	SICL	38	0.24	5	21		0	B/D
OH0039	OLMSTED	SL FSL	86	0.24	5	21		0	B/D
OH0039	OLMSTED	SL FSL	86	0.24	5	21		0	B/D
OH0039	OLMSTED	SL FSL	86	0.24	5	21		0	B/D

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
OH0148	OLMSTED	L	48	0.24	3	13		0	B/D
OH0148	OLMSTED	SICL	38	0.24	3	13		0	B/D
OH0220	OMULGA	SIL	56	0.43	4	9		0	C
WV0024	OPEQUON	CN-SIL	0	0.28	1	4		0	C
WV0024	OPEQUON	SICL SIC CL		0.32	1	3		0	C
WV0024	OPEQUON	SIL		0.37	1	3		0	C
OH0054	ORRVILLE	SIL L	48	0.37	5	14		0	C
OH0054	ORRVILLE	SIL L	48	0.37	5	14		0	C
OH0054	ORRVILLE	SL FSL	86	0.28	5	18		0	C
OH0315	ORRVILLE	L SIL	56	0.32	2	6		0	C
OH0315	ORRVILLE	L SIL	56	0.32	2	6		0	C
MI0013	OSHTEMO	COSL	86	0.15	5	33		0	B
MI0013	OSHTEMO	SL FSL	86	0.24	5	21		0	B
MI0033	OSHTEMO	SL FSL	86	0.24	5	21		0	B
MI0340	OSHTEMO	LFS	134	0.17	5	29		0	B
MI0340	OSHTEMO	SL FSL	86	0.24	5	21		0	B
MI0622	OSHTEMO	SL FSL	86	0.24	5	21		0	B
NY0085	OTISVILLE	GR-LFS GR-LS GR-LCOS	134	0.17	5	29		0	A
NY0085	OTISVILLE	GR-SL	86	0.17	5	29		0	A
NY0085	OTISVILLE	SL LS	134	0.17	5	29		0	A
OH0010	OTTOKEE	FS	310	0.15	5	33		0	A
OH0010	OTTOKEE	LFS LS	134	0.17	5	29		0	A
IN0105	OTWELL	SICL	38	0.55	3	5		0	C
IN0105	OTWELL	SIL	48	0.55	3	5		0	C
IN0412	OTWELL	SIL	48	0.55	4	7		0	C
OH0422	PACER	SIL	48	0.37	4	11		0	B
OH0141	PAINESVILLE	FSL SL	86	0.24	3	13		0	C
OH0141	PAINESVILLE	L	56	0.32	3	9		0	C
OH0190	PANDORA	SICL	38	0.37	5	14		0	B/D
OH0190	PANDORA	SIL	48	0.37	5	14		0	B/D
IN0048	PARKE	SIL	48	0.37	5	14		0	B
IN0413	PARKE	SICL	38	0.43	5	12		0	B
IN0413	PARKE	SIL	56	0.43	5	12		0	B
IN0035	PARR	CL	48	0.32	3	9		0	B
IN0035	PARR	FSL	86	0.2	4	20	3	15	B
IN0035	PARR	SIL L	56	0.32	4	13	3	9	B
IN0117	PATE	SIC	86	0.32	5	16	4	13	C
IN0117	PATE	SICL	38	0.37	5	14	4	11	C
IN0117	PATE	SIL	48	0.37	5	14	4	11	C
IL0018	PATTON	SICL	38	0.28	5	18		0	B/D
IL0018	PATTON	SICL	38	0.28	5	18		0	B/D
IL0018	PATTON	SIL	48	0.28	5	18		0	B/D
IL0304	PATTON	SICL	38	0.28	5	18		0	B/D
OH0341	PATTON	SIL	56	0.37	5	14		0	B/D
OH0068	PAULDING	C SIC	86	0.28	5	18		0	D
OH0068	PAULDING	SICL	86	0.28	3	11		0	D

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
IN0064	PEKIN	SIL	56	0.49	4	8		0	C
IN0059	PEOGA	SIL	56	0.64	5	8		0	C
MI0056	PERRIN	GR-LS	134	0.1	3	30		0	B
MI0056	PERRIN	LS	134	0.15	3	20		0	B
MI0056	PERRIN	SL	86	0.2	3	15		0	B
MI0042	PEWAMO	CL MK-CL	48	0.24	5	21		0	C/D
MI0042	PEWAMO	SIC C	86	0.28	5	18		0	C/D
MI0042	PEWAMO	SICL MK-SICL	38	0.28	5	18		0	C/D
OH0350	PEWAMO	SP	134		5				D
WV0020	PHILO	SIL L		0.37	5	14		0	B
WV0020	PHILO	SL FSL		0.28	5	18		0	B
OH0074	PIERPONT	SIL	48	0.43	3	7		0	C
IN0107	PIKE	SICL	38	0.43	4	9		0	B
IN0107	PIKE	SIL	56	0.43	5	12	4	9	B
OH0359	PINEGROVE	S	310	0.15	5	33		0	A
OH0359	PINEGROVE	SL COSL	86	0.24	5	21		0	A
OH0360	PINEGROVE	SICL	38	0.43	3	7		0	A
OH0360	PINEGROVE	SIL L	48	0.43	3	7		0	A
MI0282	PINNEBOG	MUCK	134		3				A/D
IL0005	PIOPOLIS	SICL	38	0.43	5	12		0	C/D
IL0005	PIOPOLIS	SIL	48	0.43	5	12		0	C/D
DC0026	PITS	GRX-S GRX-COS	0	0.02		0		0	A
DC0026	PITS	GRX-S GRX-COS	0	0.02		0		0	A
DC0026	PITS	GRX-S GRX-COS	0	0.02		0		0	A
OH0387	PLAINFIELD	LS LFS	134	0.17	5	29		0	A
KY0018	PLAINFIELD	S FS	220	0.15	5	33		0	A
KY0018	PLATEA	SIL	48	0.43	2	5	1	2	C
IN0046	PLATTVILLE	SIL L	48	0.32	3	9		0	B
IN0046	PLUMBROOK	FSL	86	0.2	5	25		0	B
OH0122	POPE	FSL SL	86	0.28	5	18		0	B
OH0122	POPE	L SIL VFSL	56	0.37	5	14		0	B
OH0122	PRINCETON	FSL SL	86	0.32	5	16	4	13	B
OH0270	PRINCETON	L	56	0.37	5	14	4	11	B
WV0034	PROUT	CN-L	0	0.28	3	11		0	C
OH0135	PROUT	FSL VFSL	86	0.24	3	13		0	C
IN0061	PROUT	L SIL	48	0.37	3	8		0	C
IN0061	PURDY	SIL	48	0.43	5	12		0	B
OH0136	PURDY	SIL L SICL		0.43	5	12		0	D
TN0038	PYRMONT	SIL L	48	0.43	5	12		0	D
OH0013	RAGSDALE	SICL	38	0.28	5	18		0	B
OH0013	RAGSDALE	SIL	48	0.28	5	18		0	B
OH0021	RAINSBORO	SIL	56	0.43	4	9	3	7	C
OH0021	RAMSEY	L SL FSL		0.2	1	5		0	D
IN0056	RANDOLPH	SIL L	48	0.37	2	5		0	C
OH0106	RANDOLPH	SIL L	48	0.37	2	5		0	C
OH0095	RARDEN	SICL	38	0.43	3	7	2	5	C
OH0095	RARDEN	SIL	48	0.43	3	7	2	5	C

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
NY0205	RAUB	SIL	48	0.28	4	14		0	C
NY0205	RAVENNA	SIL L	48	0.37	2	5		0	C
OH0014	RAWSON	L SIL	56	0.32	4	13		0	B
NY0165	RAWSON	SL FSL	86	0.24	4	17		0	B
IN0008	RED HOOK	GR-SIL GR-L GR-FSL	56	0.17	5	29		0	C
IN0008	RED HOOK	SIL L SL	56	0.32	5	16		0	C
OH0431	REESVILLE	SIL	56	0.37	5	14		0	C
OH0195	REMSEN	SICL SIL	48	0.43	2	5	1	2	D
OH0195	RENSSELAER	SIL L	56	0.32	5	16		0	B
OH0195	RENSSELAER	SL FSL	86	0.24	5	21		0	B
OH0216	RENSSELAER	L	56	0.28	5	18		0	B
OH0216	RICHLAND	CB-L CB-SIL ST-L	0	0.28	5	18		0	B
IN0015	RICHLAND	CN-L CN-SIL	0	0.28	5	18		0	B
IN0015	RICHLAND	L SIL	48	0.37	5	14		0	B
KY0019	RICHLAND	CB-L CB-SIL ST-L	0	0.28	4	14		0	B
KY0019	RICHLAND	L SIL	48	0.37	4	11		0	B
KY0117	RIDDLES	L SIL	56	0.32	5	16	4	13	B
KY0117	RIDDLES	SL FSL	86	0.24	5	21	4	17	B
KY0117	RIGLEY	CN-FSL CN-L	0	0.17	4	24		0	B
OH0291	RIGLEY	FSL SL L	86	0.24	4	17		0	B
OH0291	RIGLEY	CB-FSL CB-SL CB-L	86	0.24	4	17		0	B
OH0291	RIGLEY	STV-FSL STV-SL STV-L	0	0.24	4	17		0	B
OH0078	RIGLEY	STX-FSL STX-SL STX-L	0	0.24	4	17		0	B
OH0155	RIGLEY	L	56	0.24	3	13		0	B
OH0455	RIGLEY	SL FSL	86	0.24	3	13		0	B
IL0015	RIGLEY	SL FSL	86	0.24	3	13		0	B
IL0015	RIMER	LFS LS	134	0.17	3	18		0	C
OH0123	RIMER	LFS	134	0.17	5	29		0	C
OH0123	RIMER	LFS	134	0.17	4	24		0	C
OH0263	RITCHEY	SIL L	48	0.37	1	3		0	D
OH0263	RITCHEY	SIL L	48	0.37	1	3		0	D
OH0392	RITTMAN	CL	48	0.37	3	8	2	5	C
OH0392	RITTMAN	SIL	48	0.43	3	7	2	5	C
MN0121	RITTMAN	SICL	38	0.43	3	7		0	C
IN0006	RITTMAN	SIL	48	0.43	3	7		0	C
IN0006	ROCKMILL	SICL	86	0.24	5	21		0	C/D
IN0006	ROCKMILL	SICL	86	0.24	5	21		0	C/D
IN0543	ROCKTON	L SIL	48	0.28	3	11		0	B
IL0174	RODMAN	GR-L	0	0.2	3	15	2	10	A
IL0174	RODMAN	GR-S GR-LS	0	0.1	3	30	2	20	A
IL0174	RODMAN	GR-SL	0	0.15	3	20	2	13	A
OH0137	RODMAN	L	56	0.2	3	15		0	A
OH0137	ROMEO	CL	48	0.32	1	3		0	D
OH0137	ROMEO	SICL	38	0.32	1	3		0	D

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
OH0369	ROMEO	SIL L	48	0.37	1	3		0	D
OH0012	ROSELMS	CL	48	0.37	5	14		0	D
OH0012	ROSELMS	SICL	38	0.43	5	12		0	D
OH0012	ROSELMS	SIL L	48	0.43	3	7		0	D
OH0251	ROSELMS	C SIC	86	0.32	5	16		0	D
OH0245	ROSS	FSL SL	86	0.24	5	21		0	B
OH0429	ROSS	SICL	38	0.32	5	16		0	B
OH0022	ROSS	SIL L	56	0.32	5	16		0	B
OH0022	ROSS	SIL	48	0.28	1	4		0	D
OH0288	ROSSBURG	SIL L	48	0.37	5	14		0	B
OH0288	ROSSBURG	SIL	48	0.37	5	14		0	B
OH0479	ROSSMOYNE	SICL	38	0.43	4	9	3	7	C
IN0028	ROSSMOYNE	SIL	48	0.43	4	9	3	7	C
IN0033	ROUNDHEAD	SP MUCK	134		5				B/D
IN0033	ROUNDHEAD	SP MUCK	134		5				B/D
IN0133	ROUNDHEAD	MUCK SP	134		5				B/D
OH0277	RUSH	SIL	56	0.37	5	14		0	B
OH0277	RUSSELL	SICL	38	0.37	5	14		0	B
OH0277	RUSSELL	SIL	56	0.37	5	14		0	B
OH0296	RUSSELL	SIL	56	0.37	5	14		0	B
OH0296	SANDUSKY	GR-SL GR-COSL	0	0.15	4	27		0	D
OH0296	SANDUSKY	L SIL	48	0.37	4	11		0	D
MI0160	SANDUSKY	SL COSL	86	0.2	4	20		0	D
MI0160	SARAHSVILLE	SIC	86	0.32	5	16		0	D
OH0474	SARAHSVILLE	SICL	38	0.43	5	12		0	D
OH0475	SARAHSVILLE	SIL	48	0.43	5	12		0	D
OH0050	SARANAC	C SIC	86	0.28	5	18		0	C/D
OH0238	SARANAC	CL	48	0.24	5	21		0	C/D
WI0082	SARANAC	SICL	38	0.28	5	18		0	C/D
WI0300	SARANAC	SICL	38	0.28	5	18		0	C/D
WI0300	SARDINIA	SIL	48	0.37	5	14		0	C
WV0031	SAVONA	SIL L	56	0.37	4	11		0	C
WV0039	SAYLESVILLE	SIL L	56	0.37	5	14		0	C
OH0445	SAYLESVILLE	SICL	38	0.37	5	14		0	C
OH0424	SAYLESVILLE	SIL L	56	0.37	5	14		0	C
OH0425	SCHAFFENAKER	LS LFS S		0.17	2	12		0	A
OH0002	SCHAFFENAKER	STV-LS STV-LFS STV-S		0.17	2	12		0	A
OH0043	SCHAFFER	SIL	56	0.49	4	8		0	C
OH0285	SCIOTO	SIL L	48	0.37	3	8		0	B
OH0285	SCIOTO	SIL	48	0.37	3	8		0	B
OH0286	SCIOTOVILLE	SIL	48	0.37	4	11	3	8	C
OH0436	SEBRING	SIL	48	0.37	5	14		0	B/D
OH0436	SEBRING	SICL	38	0.37	4	11		0	B/D
KY0052	SEBRING	SIL	48	0.37	4	11		0	B/D
WV0016	SEBRING	SIL	48	0.37	4	11		0	B/D
OH0079	SECONDCREEK	SICL	86	0.32	5	16		0	D
OH0079	SECONDCREEK	SIL	48	0.32	5	16		0	D

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
OH0456	SEES	SICL SIL	38	0.37	3	8		0	C
OH0458	SENECAVILLE	SIL L	56	0.32	5	16		0	B
OH0458	SEWARD	FS	310	0.17	4	24		0	B
OH0073	SEWARD	LFS LS	134	0.17	4	24		0	B
OH0231	SEWARD	LFS	134	0.17	5	29		0	B
KY0020	SHAWTOWN	L	48	0.28	5	18		0	B
KY0020	SHAWTOWN	SL	86	0.2	5	25		0	B
OH0124	SHEFFIELD	SIL	48	0.37	3	8		0	D
OH0418	SHEFFIELD	SIL	48	0.37	3	8		0	D
OH0418	SHELOCTA	GR-SIL CN-SIL CN-L	56	0.28	3	11		0	B
IN0014	SHELOCTA	SIL L	56	0.32	3	9		0	B
IN0014	SHINROCK	SIL	48	0.37	5	14		0	C
IN0014	SHINROCK	SICL	38	0.24	5	21	4	17	C
IN0179	SHINROCK	SIL	48	0.37	5	14	4	11	C
IN0351	SHOALS	CL	48	0.2	5	25		0	C
OH0247	SHOALS	SICL	38	0.2	5	25		0	C
OH0247	SHOALS	SIL L	48	0.24	5	21		0	C
OH0300	SHOALS	SIL L	48	0.37	4	11		0	C
OH0301	SHOALS	SIL L	48	0.37	4	11		0	C
OH0316	SHOALS	SIL	56	0.37	5	14		0	C
MI0011	SHOALS	SIL	56	0.37	5	14		0	C
MI0011	SHOALS	SIL	48	0.37	2	5		0	C
MI0011	SHOALS	SIL	48	0.37	2	5		0	C
KY0060	SHOALS	L	56	0.32	3	9		0	C
KY0060	SISSON	FSL SL VFSL	86	0.24	5	21		0	B
OH0272	SISSON	L SIL	56	0.32	5	16		0	B
IN0026	SISSON	LFS	134	0.17	5	29		0	B
IN0282	SKIDMORE	GR-L GR-FSL GR-SL	86	0.17	3	18		0	B
OH0437	SKIDMORE	SIL	48	0.32	3	9		0	B
OH0060	SKIDMORE	GR-L	0	0.28	5	18		0	B
OH0060	SLEETH	L SIL	56	0.32	4	13		0	C
OH0164	SLEETH	SIL	56	0.32	5	16		0	C
OH0164	SLIGO	SIL L	38	0.37	5	14		0	B
OH0246	SLOAN	SICL	38	0.28	5	18		0	B
OH0357	SLOAN	SIL L	48	0.28	5	18		0	B
OH0419	SLOAN	SICL	38	0.28	5	18		0	B
OH0419	SLOAN	SIL L	48	0.28	5	18		0	B
OH0459	SLOAN	SIL	48	0.28	4	14		0	B
OH0423	SLOAN	SIL	56	0.28	3	11		0	B
WI0440	SLOAN	SICL	38	0.28	5	18		0	B
MI0005	SLOAN	SIL	48	0.28	5	18		0	B
MI0005	SLOAN	SICL	38	0.28	5	18		0	B
MI0450	SMOTHERS	SIL	48	0.43	2	5		0	C
MI0010	SPARTA	LFS LS	134	0.17	5	29		0	A
MI0010	SPINKS	LS LFS	134	0.15	5	33		0	A

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
MI0010	SPINKS	S FS	220	0.1	5	50		0	A
MI0010	SPINKS	LFS LS	134	0.17	5	29		0	A
MI0010	ST. CLAIR	CL	48	0.37	5	14		0	D
MI0515	ST. CLAIR	CL	48	0.37	5	14		0	D
MI0515	ST. CLAIR	L SIL	48	0.37	3	8		0	D
MI0515	ST. CLAIR	L SIL	48	0.37	3	8		0	D
NY0018	ST. CLAIR	SICL	38	0.43	5	12		0	D
OH0193	ST. CLAIR	C	86	0.32	5	16		0	D
OH0469	ST. CLAIR	SIC	86	0.32	5	16		0	D
PA0134	ST. CLAIR	SICL	38	0.37	5	14		0	D
PA0134	STAFFORD	LFS FS FSL	134	0.17	5	29		0	C
PA0134	STAFFORD	SL	86	0.24	4	17		0	C
PA0134	STANHOPE	SIL	56	0.43	5	12		0	C
PA0134	STEINSBURG	GR-L GR-SL GR-FSL	48	0.2	3	15	2	10	B
PA0134	STEINSBURG	GR-L GR-SL GR-FSL	48	0.2	3	15	2	10	B
IN0058	STEINSBURG	GR-L GR-SL GR-FSL	48	0.2	3	15	2	10	B
IN0058	STEINSBURG	L SL FSL	86	0.28	3	11	2	7	B
OH0427	STEINSBURG	L SL FSL	86	0.28	3	11	2	7	B
OH0453	STEINSBURG	L SL FSL	86	0.28	3	11	2	7	B
OH0025	STENDAL	SICL	38	0.43	5	12		0	C
OH0025	STENDAL	SIL	48	0.43	5	12		0	C
OH0025	STONE	SICL CL	38	0.28	3	11		0	C
IL0344	STONE	SICL CL	38	0.28	3	11		0	C
IL0345	STONELICK	LFS	134	0.17	5	29		0	B
IL0345	STONELICK	SIL L	56	0.32	5	16		0	B
OH0441	STONELICK	SL FSL	86	0.24	5	21		0	B
OH0098	STRAWN	SIL L	48	0.37	5	14		0	B
OH0098	STRAWN	CL	48	0.32	5	16		0	B
OH0098	STRAWN	SIL L	48	0.37	5	14		0	B
ME0017	STRINGLEY	L	56	0.32	4	13		0	B
OH0226	SUMMITVILLE	CN-SIL CN-L	0	0.28	4	14		0	C
IN0109	SUMMITVILLE	SIL L	56	0.37	4	11		0	C
IN0101	SUMMITVILLE	SIL L	56	0.37	4	11		0	C
IN0343	SWANTON	FSL VFSL SL	86	0.28	5	18		0	C/D
OH0384	SWANTON	FSL	86	0.28	3	11		0	D
OH0400	SWITZERLAND	SIL	48	0.43	4	9	3	7	B
OH0026	TAGGART	SIL	56	0.49	5	10		0	C
OH0222	TAGGART	SIL	56	0.37	5	14		0	C
OH0222	TARHOLLOW	SIL SICL	56	0.43	5	12		0	C
OH0222	TARLTON	SIL	48	0.43	3	7		0	C
OH0222	TEDROW	LFS LS	134	0.17	5	29		0	B
OH0460	TEDROW	FS	310	0.15	5	33		0	B
OH0066	TEDROW	FS	310	0.15	5	33		0	B
OH0204	TEDROW	LFS LS	134	0.17	5	29		0	B

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
OH0417	TEDROW	LFS LS	134	0.17	5	29		0	B
OH0383	TEEGARDEN	SIL	56	0.37	5	14		0	C
OH0411	THACKERY	SIL L	56	0.37	4	11		0	B
KY0057	THACKERY	SIL	56	0.37	5	14		0	B
NY0075	THACKERY	SIL L	48	0.37	4	11		0	B
NY0075	THRIFTON	CL L	86	0.32	2	6		0	C
OH0192	TIDERISHI	L	56	0.24	5	21		0	C
IN0090	TILSIT	SIL L	56	0.43	3	7	2	5	C
OH0125	TIOGA	CN-SIL CN-L CN-FSL	56	0.28	5	18		0	B
OH0125	TIOGA	SIL FSL L	56	0.37	5	14		0	B
OH0126	TIOGA	L	56	0.32	4	13		0	B
OH0081	TIPPECANOE	SIL L	48	0.32	4	13		0	B
OH0081	TIRO	SIL	48	0.37	3	8		0	C
OH0191	TIRO	SIL	48	0.37	3	8		0	C
OH0191	TITUSVILLE	SIL L	56	0.37	3	8		0	C
KY0007	TOLEDO	SICL CL	38	0.28	5	18		0	D
KY0007	TOLEDO	SIL	48	0.28	5	18		0	D
KY0007	TOLEDO	SIC	86	0.24	5	21		0	D
IN0145	TOLEDO	SICL	86	0.28	5	18		0	D
IN0145	TRAPPIST	SH-SIL SH-L SH-SICL	56	0.37	2	5	1	3	C
OH0378	TRAPPIST	SICL	38	0.32	2	6	1	3	C
OH0378	TRAPPIST	SIL L	56	0.37	2	5	1	3	C
OH0127	TREATY	SICL	38	0.28	5	18		0	B/D
OH0127	TREATY	SIL	48	0.32	5	16		0	B/D
OH0063	TREMONT	SICL	86	0.28	4	14		0	B
OH0063	TREMONT	SIL	86	0.28	4	14		0	B
OH0063	TRUMBULL	SICL	38	0.37	2	5		0	D
MI0009	TRUMBULL	SIL	48	0.37	2	5		0	D
MI0009	TUSCARAWAS	CN-SIL	0	0.28	4	14		0	C
OH0153	TUSCARAWAS	CNV-SIL	0	0.28	4	14		0	C
WV0033	TUSCARAWAS	SIL	56	0.37	4	11		0	C
OH0109	TUSCOLA	FSL SL VFSL	86	0.24	5	21		0	B
IN0017	TUSCOLA	LFS	134	0.17	5	29		0	B
OH0243	TUSCOLA	FSL	86	0.37	5	14		0	B
NE0524	TYGART	SIL L		0.43	5	12		0	D
NE0524	TYLER	SIL	56	0.43	3	7		0	D
NE0524	TYNER	LS LFS	134	0.05	5	100		0	A
NE0524	TYNER	SL	86	0.17	5	29		0	A
NE0524	UDORTHENTS	FSL L VFSL	86	0.24	5	21		0	B
NE0524	UDORTHENTS	FSL L VFSL	86	0.24	5	21		0	B
NE0524	UDORTHENTS	FSL L VFSL	86	0.24	5	21		0	B
NE0524	UDORTHENTS	SCL SICL CL	48	0.32	5	16		0	B
KY0005	UDORTHENTS	SCL SICL CL	48	0.32	5	16		0	B
KY0005	UNIONTOWN	SICL	38	0.37	4	11		0	B
WV0049	UNIONTOWN	SIL	56	0.43	5	12		0	B

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
WV0049	UPSHUR	SIC C	86	0.32	4	13	3	9	D
WV0049	UPSHUR	SICL	38	0.37	4	11	3	8	D
WV0057	UPSHUR	SIL	48	0.43	4	9	3	7	D
WV0057	UPSHUR	STV-SIC STV-C		0.28	4	14	3	11	D
DC0035	UPSHUR	STV-SIL		0.37	4	11	3	8	D
NE0527	USTIFLUVENTS	FSL SL VFSL	86	0.24	5	21		0	
WV0026	USTIFLUVENTS	SC C SIC	86	0.32	5	16		0	
WV0090	VANDALIA	SICL SIL	48	0.37	5	14		0	D
WV0090	VANDALIA	STV-SICL STV-SIL	48	0.32	5	16		0	D
PA0083	VANDALIA	STX-SIL STX-SICL	48	0.32	5	16		0	D
OH0412	VANDERGRIFT	SIL SICL	56	0.28	3	11		0	C
OH0138	VANLUE	L	56	0.32	5	16		0	C
OH0084	VAUGHNSVILLE	L	48	0.32	5	16		0	B
OH0084	VENANGO	GR-L GR-SIL	0	0.28	3	11		0	C
OH0235	VENANGO	SIL L	56	0.37	3	8		0	C
OH0142	VENANGO	SIL L	56	0.37	3	8		0	C
OH0142	VINCENT	SIC	86	0.32	5	16		0	C
OH0174	VINCENT	SIL SICL	48	0.43	5	12		0	C
OH0174	VINCENT	SIC	86	0.32	5	16		0	C
MO0011	VINCENT	SIL	48	0.43	5	12		0	C
MO0011	WABASH	SIC C	86	0.28	5	18		0	D
MO0011	WABASH	SICL	38	0.28	5	18		0	D
OH0107	WABASH	SIL	48	0.28	5	18		0	D
OH0147	WABASHA	SIC	86	0.32	4	13		0	D
OH0147	WABASHA	SIC	86	0.32	4	13		0	D
OH0305	WABASHA	SICL	86	0.32	4	13		0	D
OH0128	WABASHA	SICL	86	0.28	2	7		0	D
OH0128	WADSWORTH	SIL	48	0.43	3	7		0	C
IN0031	WADSWORTH	SIL	48	0.43	3	7		0	C
OH0388	WAKELAND	SIL	56	0.49	5	10		0	C
NY0057	WAKEMAN	SL	86	0.28	2	7		0	C
NY0053	WALLINGTON	VFSL SIL	56	0.49	3	6		0	C
NY0053	WALLKILL	GR-SIL GR-L GR-FSL	56	0.24	5	21		0	C/D
NY0053	WALLKILL	SICL	86	0.37	5	14		0	C/D
NY0275	WALLKILL	SIL L FSL	56	0.37	5	14		0	C/D
NY0323	WALLKILL	SIL	48	0.37	5	14		0	C/D
NY0556	WALLKILL	SIL L	56	0.37	5	14		0	B/
OH0154	WALLKILL	SIL L	48	0.37	5	14		0	C/D
OH0214	WALLKILL	SICL	38	0.32	5	16		0	D
NY0319	WALLKILL	SIC SICL C	86	0.28	5	18		0	D
NY0319	WARNERS	SIL	48	0.43	5	12		0	C/D
OH0239	WARNERS	SL FSL	86	0.2	5	25		0	C/D
IN0042	WARNERS	L	56	0.32	4	13		0	D
IN0042	WARSAW	SIL L	56	0.28	4	14	3	11	B
OH0161	WARSAW	SL	86	0.2	4	20	3	15	B
OH0188	WARSAW	SL	86	0.2	4	20		0	B

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
IN0004	WARSAW	SIL	56	0.28	4	14		0	B
OH0089	WASHTENAW	SIL L	48	0.37	5	14		0	C/D
OH0089	WATERTOWN	COSL SL	86	0.17	4	24		0	B
OH0089	WATERTOWN	GR-LS	0	0.1	4	40		0	B
IL0011	WATERTOWN	LS	134	0.17	4	24		0	B
OH0077	WAUPECAN	SIL	48	0.32	4	13		0	B
OH0077	WAUSEON	L SIL	56	0.28	3	11		0	B/D
OH0310	WAUSEON	LFS LS	134	0.17	3	18		0	B/D
NY0078	WAUSEON	LFS LS	134	0.17	4	24		0	B/D
NY0078	WAYLAND	FSL L	48	0.37	5	14		0	C/D
NY0078	WAYLAND	FSL L	48	0.37	5	14		0	C/D
NY0078	WAYLAND	MK-SIL MK-SICL MK-FSL	48	0.43	5	12		0	C/D
NY0078	WAYLAND	MK-SIL MK-SICL MK-FSL	48	0.43	5	12		0	C/D
NY0078	WAYLAND	MK-SIL MK-SICL MK-FSL	48	0.43	5	12		0	C/D
NY0078	WAYLAND	SIL SICL	48	0.43	5	12		0	C/D
NY0078	WAYLAND	SIL SICL	48	0.43	5	12		0	C/D
IN0338	WAYLAND	SIL SICL	48	0.43	5	12		0	C/D
IN0081	WAYNETOWN	SIL	56	0.37	5	14		0	C
IN0081	WEA	SIL L	56	0.32	4	13	3	9	B
PA0024	WEA	SIL L	56	0.32	4	13	3	9	B
PA0024	WEIKERT	CN-L CN-SIL GR-L	48	0.28	2	7	1	4	B/D
IN0067	WEIKERT	SIL	56	0.32	2	6	1	3	B/D
OH0001	WEINBACH	SIL L	48	0.43	4	9		0	C
OH0001	WELLSTON	SICL	38	0.37	3	8		0	B
OH0213	WELLSTON	SIL	48	0.37	3	8		0	B
OH0304	WELLSTON	SIL	48	0.37	4	11	3	8	B
KY0078	WELLSTON	SIL	48	0.37	3	8	2	5	B
OH0298	WERNOCK	SIL	56	0.37	3	8		0	B
OH0438	WERNOCK	SIL	56	0.37	3	8		0	C
OH0363	WESTBORO	SIL		0.43	4	9		0	D
OH0363	WESTGATE	SICL	38	0.43	5	12		0	C
OH0363	WESTGATE	SICL	38	0.43	5	12		0	C
OH0363	WESTGATE	SIL	48	0.43	5	12		0	C
IN0027	WESTGATE	SIL	48	0.43	5	12		0	C
IN0027	WESTLAND	L SIL	48	0.24	4	17		0	B/D
IN0153	WESTLAND	SICL	38	0.24	4	17		0	B/D
IN0194	WESTLAND	SICL	38	0.28	5	18		0	B/D
IN0288	WESTLAND	SICL	38	0.28	5	18		0	B/D
OH0036	WESTLAND	SIL L	48	0.24	4	17		0	B/D
OH0036	WESTMORE	SICL	38	0.37	3	8	2	5	C
PA0073	WESTMORE	SIL	48	0.37	3	8	2	5	C
PA0073	WESTMORELAND	CN-L CN-SIL SH-SICL	48	0.32	3	9	2	6	B
PA0073	WESTMORELAND	CN-L CN-SIL SH-SICL	48	0.32	3	9	2	6	B

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
PA0073	WESTMORELAND	L SIL SICL	56	0.37	3	8	2	5	B
PA0403	WESTMORELAND	L SIL SICL	56	0.37	3	8	2	5	B
OH0151	WESTMORELAND	BYV-L	0	0.28	3	11		0	B
OH0151	WETZEL	C SIC	86	0.37	5	14		0	D
OH0278	WETZEL	SICL	38	0.37	5	14		0	D
OH0278	WEYERS	GR-SL GR-COSL	0	0.15	5	33		0	C/D
OH0278	WEYERS	L SIL	48	0.28	3	11		0	C/D
PA0084	WEYERS	SL COSL	86	0.2	3	15		0	C/D
PA0084	WHARTON	CN-SIL CN-SICL	48	0.32	4	13	3	9	C
WV0012	WHARTON	SIL SICL	56	0.37	4	11	3	8	C
WV0012	WHEELING	GR-SIL GR-FSL GR-L		0.28	5	18	4	14	B
WV0012	WHEELING	SIL L		0.37	5	14	4	11	B
WV0012	WHEELING	SIL L		0.37	5	14	4	11	B
WV0012	WHEELING	SL FSL		0.28	5	18	4	14	B
IN0010	WHEELING	SL FSL		0.28	5	18	4	14	B
IN0010	WHITAKER	FSL SL	86	0.24	5	21		0	C
IN0060	WHITAKER	L SIL	56	0.37	5	14		0	C
MI0034	WILBUR	SIL	56	0.49	5	10		0	B
MI0034	WILLETTE	MUCK	134		2	#DIV/0!		#DIV/0!	A/D
MI0034	WILLETTE	MUCK	134		2	#DIV/0!		#DIV/0!	A/D
OH0069	WILLETTE	MUCK	134		2	#DIV/0!		#DIV/0!	A/D
NY0056	WILLIAMSBURG	SIL	48	0.37	5	14		0	B
NY0056	WILLIAMSON	CN-SIL CN-FSL GR-SIL	56	0.43	4	9	3	7	C
OH0242	WILLIAMSON	SIL FSL VFSL	56	0.49	4	8	3	6	C
OH0094	WILMER	SIL	48	0.32	5	16		0	B
KY0038	WOODSFIELD	SIL	48	0.43	4	9		0	C
KY0038	WOOLPER	SICL	38	0.37	4	11		0	C
OH0017	WOOLPER	SIL	56	0.37	4	11		0	C
OH0017	WOOSTER	GR-SIL GR-L	0	0.28	4	14		0	C
OH0268	WOOSTER	SIL L	56	0.37	4	11		0	C
OH0268	WOOSTER	GR-SIL GR-L	0	0.28	3	11		0	C
OH0218	WOOSTER	SIL L	56	0.37	3	8		0	C
OH0218	WYATT	SICL	38	0.43	5	12		0	C
OH0091	WYATT	SIL	48	0.43	5	12		0	C
OH0091	WYNN	SICL	38	0.37	4	11	3	8	B
IN0053	WYNN	SIL	56	0.37	4	11	3	8	B
IN0134	XENIA	SIL	56	0.37	4	11		0	B
KY0001	XENIA	SIL	56	0.37	5	14		0	B
KY0138	ZANESVILLE	SIL	56	0.43	3	7	2	5	C
KY0138	ZANESVILLE	SICL	38	0.37	3	8		0	C
IN0196	ZANESVILLE	SIL	56	0.43	3	7		0	C

Table 4 - Ohio Soils Series "I", "K", "T", T/K Values, Hydrologic Groups

Record	Soil Name	Texture	"I"	"K"	"T"	T/K	"T" Severely	Eroded T/K	Hydrologic Group
IN0196	ZIPP	SIC	86	0.28	5	18		0	D
IN0196	ZIPP	SICL	38	0.28	5	18		0	D
IL0267	ZIPP	SIL	48	0.37	5	14		0	D

Table 5.1 – Values for Topographic Factor (LS) for Low Ratio Rill to Interrill Erosion (Rangeland, Pasture, Well Consolidated Conditions)

%	Horizontal Slope Length (feet) *																
Slope	**< 3'**	**6'**	**9'**	**12'**	**15'**	**25'**	**50'**	**75'**	**100'**	**150'**	**200'**	**250'**	**300'**	**400'**	**600'**	**800'**	**1000'**
0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
0.5	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
1.0	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.14	0.14	0.15	0.15	0.15	0.15	0.16	0.16	0.17	0.17
2.0	0.20	0.20	0.20	0.20	0.20	0.21	0.23	0.25	0.26	0.27	0.28	0.29	0.30	0.31	0.33	0.34	0.35
3.0	0.26	0.26	0.26	0.26	0.26	0.29	0.33	0.36	0.38	0.40	0.43	0.44	0.46	0.48	0.52	0.55	0.57
4.0	0.33	0.33	0.33	0.33	0.33	0.36	0.43	0.46	0.50	0.54	0.58	0.61	0.63	0.67	0.74	0.78	0.82
5.0	0.38	0.38	0.38	0.38	0.38	0.44	0.52	0.57	0.62	0.68	0.73	0.78	0.81	0.87	0.97	1.04	1.10
6.0	0.44	0.44	0.44	0.44	0.44	0.50	0.61	0.68	0.74	0.83	0.90	0.95	1.00	1.08	1.21	1.31	1.40
8.0	0.54	0.54	0.54	0.54	0.54	0.64	0.79	0.90	0.99	1.12	1.23	1.32	1.40	1.53	1.74	1.91	2.05
10.0	0.60	0.63	0.65	0.66	0.68	0.81	1.03	1.19	1.31	1.51	1.67	1.80	1.92	2.13	2.45	2.71	2.93
12.0	0.61	0.70	0.75	0.80	0.83	1.01	1.31	1.52	1.69	1.97	2.20	2.39	2.56	2.85	3.32	3.70	4.02
14.0	0.63	0.76	0.85	0.92	0.98	1.20	1.58	1.85	2.08	2.44	2.73	2.99	3.21	3.60	4.23	4.74	5.18
16.0	0.65	0.82	0.94	1.04	1.12	1.38	1.85	2.18	2.46	2.91	3.28	3.60	3.88	4.37	5.17	5.82	6.39
20.0	0.68	0.93	1.11	1.26	1.39	1.74	2.37	2.84	3.22	3.85	4.38	4.83	5.24	5.95	7.13	8.10	8.94
25.0	0.73	1.05	1.30	1.51	1.70	2.17	3.00	3.63	4.16	5.03	5.76	6.39	6.96	7.97	9.65	11.04	12.26
30.0	0.77	1.16	1.48	1.75	2.00	2.57	3.60	4.40	5.06	6.18	7.11	7.94	8.68	9.99	12.19	14.04	15.66
40.0	0.85	1.36	1.79	2.17	2.53	3.30	4.73	5.84	6.78	8.37	9.71	10.91	11.99	13.92	17.19	19.96	22.41
50.0	0.91	1.52	2.06	2.54	3.00	3.95	5.74	7.14	8.33	10.37	12.11	13.65	15.06	17.59	21.88	25.55	28.82
60.0	0.97	1.67	2.29	2.86	3.41	4.52	6.63	8.29	9.72	12.16	14.26	16.13	17.84	20.92	26.17	30.68	34.71

* The values are based on measuring the length of slope "horizontally" vs. the actual field length of the slope (hypotenuse). However for most measurements the difference for the actual LS value will be vary small. Therefore use these LS values interchangeably whether measuring horizontal or field length

Procedure:

1. Determine the Length of Slope that represents the area being evaluated.
2. Determine the Percent (%) of slope along the same line where length was measured.
3. Find the closest values in the Table 4.1 above and interpolate to find your LS Value.

Table 5.2 – Values for Topographic Factor (LS) for Moderate Ratio Rill to Interrill Erosion (Cropland Conditions)

%	Horizontal Slope Length (feet) *																
Slope	**< 3'**	**6'**	**9'**	**12'**	**15'**	**25'**	**50'**	**75'**	**100'**	**150'**	**200'**	**250'**	**300'**	**400'**	**600'**	**800'**	**1000'**
0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06
0.5	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10
1.0	0.11	0.11	0.11	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.17	0.18	0.19	0.20	0.20
2.0	0.17	0.17	0.17	0.17	0.17	0.19	0.22	0.25	0.27	0.29	0.31	0.33	0.35	0.37	0.41	0.44	0.47
3.0	0.22	0.22	0.22	0.22	0.22	0.25	0.32	0.36	0.39	0.44	0.48	0.52	0.55	0.60	0.68	0.75	0.80
4.0	0.26	0.26	0.26	0.26	0.26	0.31	0.40	0.47	0.52	0.60	0.67	0.72	0.77	0.86	0.99	1.10	1.19
5.0	0.30	0.30	0.30	0.30	0.30	0.37	0.49	0.58	0.65	0.76	0.85	0.93	1.01	1.13	1.33	1.49	1.63
6.0	0.34	0.34	0.34	0.34	0.34	0.43	0.58	0.69	0.78	0.93	1.05	1.16	1.25	1.42	1.69	1.91	2.11
8.0	0.42	0.42	0.42	0.42	0.42	0.53	0.74	0.91	1.04	1.26	1.45	1.62	1.77	2.03	2.47	2.83	3.15
10.0	0.46	0.48	0.50	0.51	0.52	0.67	0.97	1.19	1.38	1.71	1.98	2.22	2.44	2.84	3.50	4.06	4.56
12.0	0.47	0.53	0.58	0.61	0.64	0.84	1.23	1.53	1.79	2.23	2.61	2.95	3.26	3.81	4.75	5.56	6.28
14.0	0.48	0.58	0.65	0.70	0.75	1.00	1.48	1.86	2.19	2.76	3.25	3.69	4.09	4.82	6.07	7.15	8.11
16.0	0.49	0.63	0.72	0.79	0.85	1.15	1.73	2.20	2.60	3.30	3.90	4.45	4.95	5.86	7.43	8.79	10.02
20.0	0.52	0.71	0.85	0.96	1.06	1.45	2.22	2.85	3.40	4.36	5.21	5.97	6.68	7.97	10.23	12.20	13.99
25.0	0.56	0.80	1.00	1.16	1.30	1.81	2.82	3.65	4.39	5.69	6.83	7.88	8.86	10.65	13.80	16.58	19.13
30.0	0.59	0.89	1.13	1.34	1.53	2.15	3.39	4.42	5.34	6.98	8.43	9.76	11.01	13.30	17.37	20.99	24.31
40.0	0.65	1.05	1.38	1.68	1.95	2.77	4.45	5.87	7.14	9.43	11.47	13.37	15.14	18.43	24.32	29.60	34.48
50.0	0.71	1.18	1.59	1.97	2.32	3.32	5.40	7.17	8.78	11.66	14.26	16.67	18.94	23.17	30.78	37.65	44.02
60.0	0.76	1.30	1.78	2.23	2.65	3.81	6.24	8.33	10.23	13.65	16.76	19.64	22.36	27.45	36.63	44.96	52.70

* The values are based on measuring the length of slope "horizontally" vs. the actual field length of the slope (hypotenuse). However for most measurements the difference for the actual LS value will be vary small. Therefore use these LS values interchangeably whether measuring horizontal or field length

Procedure:

1. Determine the Length of Slope that represents the area being evaluated.
2. Determine the Percent (%) of slope along the same line where length was measured.
3. Find the closest values in the Table 4.2 above and interpolate to find your LS Value.

Table 5.3 – Values for Topographic Factor (LS) for High Ratio Rill to Interrill Erosion (Construction Site Conditions)

%	Horizontal Slope Length (feet) *																
Slope	**< 3'**	**6'**	**9'**	**12'**	**15'**	**25'**	**50'**	**75'**	**100'**	**150'**	**200'**	**250'**	**300'**	**400'**	**600'**	**800'**	**1000'**
0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.5	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.12	0.13
1.0	0.09	0.09	0.09	0.09	0.09	0.10	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.22	0.24	0.26	0.27
2.0	0.13	0.13	0.13	0.13	0.13	0.16	0.21	0.25	0.28	0.33	0.37	0.40	0.43	0.48	0.56	0.63	0.69
3.0	0.17	0.17	0.17	0.17	0.17	0.21	0.30	0.36	0.41	0.50	0.57	0.64	0.69	0.80	0.96	1.10	1.23
4.0	0.20	0.20	0.20	0.20	0.20	0.26	0.38	0.47	0.55	0.68	0.79	0.89	0.98	1.14	1.42	1.65	1.86
5.0	0.23	0.23	0.23	0.23	0.23	0.31	0.46	0.58	0.68	0.86	1.02	1.16	1.28	1.51	1.91	2.25	2.55
6.0	0.26	0.26	0.26	0.26	0.26	0.36	0.54	0.69	0.82	1.05	1.25	1.43	1.60	1.90	2.43	2.89	3.30
8.0	0.32	0.32	0.32	0.32	0.32	0.45	0.70	0.91	1.10	1.43	1.72	1.99	2.24	2.70	3.52	4.24	4.91
10.0	0.35	0.37	0.38	0.39	0.40	0.57	0.91	1.20	1.46	1.92	2.34	2.72	3.09	3.75	4.95	6.03	7.02
12.0	0.36	0.41	0.45	0.47	0.49	0.71	1.15	1.54	1.88	2.51	3.07	3.60	4.09	5.01	6.67	8.17	9.57
14.0	0.38	0.45	0.51	0.55	0.58	0.85	1.40	1.87	2.31	3.09	3.81	4.48	5.11	6.30	8.45	10.40	12.23
16.0	0.39	0.49	0.56	0.62	0.67	0.98	1.64	2.21	2.73	3.68	4.56	5.37	6.15	7.60	10.26	12.69	14.96
20.0	0.41	0.56	0.67	0.76	0.84	1.24	2.10	2.86	3.57	4.85	6.04	7.16	8.23	10.24	13.94	17.35	20.57
25.0	0.45	0.64	0.80	0.93	1.04	1.56	2.67	3.67	4.59	6.30	7.88	9.38	10.81	13.53	18.57	23.24	27.66
30.0	0.48	0.72	0.91	1.08	1.24	1.86	3.22	4.44	5.58	7.70	9.67	11.55	13.35	16.77	23.14	29.07	34.71
40.0	0.53	0.85	1.13	1.37	1.59	2.41	4.24	5.89	7.44	10.35	13.07	15.67	18.17	22.95	31.89	40.29	48.29
50.0	0.58	0.97	1.31	1.62	1.91	2.91	5.16	7.20	9.13	12.75	16.16	19.42	22.57	28.60	39.95	50.63	60.84
60.0	0.63	1.07	1.47	1.84	2.19	3.36	5.97	8.37	10.63	14.89	18.92	22.78	26.51	33.67	47.18	59.93	72.15

* The values are based on measuring the length of slope "horizontally" vs. the actual field length of the slope (hypotenuse). However for most measurements the difference for the actual LS value will be vary small. Therefore use these LS values interchangeably whether measuring horizontal or field length

Procedure:

1. Determine the Length of Slope that represents the area being evaluated.
2. Determine the Percent (%) of slope along the same line where length was measured.
3. Find the closest values in the Table 4.3 above and interpolate to find your LS Value.

Table 6 - Ohio C Factor Zone 102 C

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE Till
	FALL	SPRING																							
Corn Grain After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.23	.21	.20	.16	.14	.12	.09	.08	.18	.14	.13	.11	.08	.06	.05	.18	.14	.11	.09	.06	.05	.04	.03	.02	.10
corn silage	.33	.36	.32	.28	.24				.34	.28	.24					.24	.18	.12							.26
corn silage w/cc		.21							.18	.14	.13	.11	.08	.07	.06	.18	.14	.11	.09	.07	.05	.04	.03	.02	.10
soybeans	.34	.29	.32	.24	.22	.20			.27	.22	.20	.18				.26	.18	.12	.09	.07	.06	.05	.04	.03	.19
soybeans w/cc		.22							.20	.17	.14	.11	.09	.08	.07	.18	.15	.12	.08	.06	.05	.04	.03	.02	.10
1 year meadow	.18	.14	.16	.14	.12	.09	.07	.05	.14	.12	.10	.08	.06			.14	.11	.09	.07	.05	.04	.03	.02	.02	
estab. meadow	.17	.11	.16	.14	.11	.09			.11	.10	.08	.06				.10	.08	.07	.06	.05	.04	.02	.02	.01	
wheat	.24	.20	.20	.16	.12	.10	.08	.06	.18	.15	.12	.10	.07	.06	.05	.15	.12	.10	.07	.05	.04	.03	.02	.02	
oats	.30	.24	.25	.22	.18	.13	.09	.07	.21	.17	.16	.13	.11	.08	.06	.21	.18	.14	.10	.08	.06	.04	.03	.02	
sugarbeets	.31	.31	.30	.26					.30	.26						.28	.25								
tobacco	.33	.33	.31	.26					.31	.25						.30	.24								
tobacco w/cc		.19							.19	.17	.15	.13	.11	.09		.19	.17	.14	.12	.09	.07	.05			
wheat/dbl. crop Sb	.21	.18	.18	.15	.13	.11	.09		.17	.13	.11	.10	.08	.07	.06	.17	.13	.10	.08	.06	.05	.04	.03	.02	
Corn Silage After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.25	.20	.20	.15	.13	.11	.09	.08	.18	.14	.13	.11	.09	.07	.05	.18	.14	.11	.09	.06	.05	.04	.03	.02	.10
corn silage	.35	.36	.33	.28	.24				.34	.28	.21					.24	.18	.13							.30
corn silage w/cc		.23							.22	.19	.16	.13	.10	.08	.06	.20	.12	.11	.09	.07	.06	.05	.04	.03	.16
soybeans	.34	.28	.30	.23					.27	.24	.19					.26	.22	.16	.12	.10	.08				.19
soybeans w/cc		.21							.20	.18	.14	.11	.09	.08	.07	.21	.18	.13	.10	.08	.07	.06	.05	.04	.10
1 year meadow	.19	.14	.18	.15	.13	.11			.14	.12	.10	.08				.14	.11	.09	.07	.05	.04	.03	.02	.02	
estab. meadow	.17	.11	.16	.14	.11	.09			.11	.10	.08	.06				.10	.08	.07	.06	.04	.03	.02	.02	.01	
wheat	.25	.21	.24	.17	.13	.11	.09		.19	.16	.12	.10	.08	.06	.05	.14	.10	.08	.06	.05	.04	.03	.02	.01	
oats	.30	.25	.27	.22	.17	.12	.10	.09	.22	.19	.16	.12	.10	.08		.20	.17	.14	.11	.09	.06	.05	.04	.03	
sugarbeets	.30	.31	.29	.25					.30	.25						.29	.25								
tobacco	.34	.34	.33	.29	.24				.33	.29	.24					.30	.26	.21							
tobacco w/cc		.20							.20	.18	.15	.13	.10	.08		.20	.18	.14	.12	.10	.08	.06	.04		
wheat/dbl. crop Sb	.21	.18	.18	.15	.13	.11	.09		.17	.13	.11	.10	.09	.06	.05	.17	.13	.10	.08	.06	.05	.04	.03	.02	

NOTE: Crops following a crop with a cover crop assumes the cover crop is killed or tilled at 12" - 15" height (Late April - Early May).

Table 6 - Ohio C Factor Zone 102 C

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE Till
	FALL	SPRING																							
Soybeans >20" After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.23	.20	.19	.16	.14	.11	.09	.08	.18	.16	.13	.09	.07	.06	.05	.16	.13	.11	.08	.06	.05	.04	.03	.03	.10
corn silage	.37	.36	.35	.30					.36	.30						.29	.24								.28
corn silage w/cc		.24							.23	.20	.17	.15	.13			.22	.19	.16	.14	.12	.10	.09	.08		.13
soybeans	.35	.29	.33	.28	.21	.19			.27	.22	.19	.17				.25	.20	.15	.12	.09	.07	.05			.16
soybeans w/cc		.24							.23	.19	.13	.10	.08			.21	.18	.14	.10	.08	.06	.05	.04		.10
1 year meadow	.19	.16	.17	.14	.13	.11			.15	.13	.11	.09				.15	.13	.10	.08	.06	.05	.04	.03		
estab. meadow	.18	.11	.16	.13	.11	.09			.11	.09	.07	.05				.11	.09	.07	.05	.04	.03	.02	.02		
wheat	.25	.20	.23	.18	.14	.11	.09	.07	.19	.16	.13	.09	.07	.05	.04	.17	.14	.12	.08	.06	.04	.03	.02		
oats	.31	.25	.29	.25	.20	.14			.24	.19	.16	.13	.11	.09		.23	.18	.15	.11	.08	.06	.05	.04		
sugarbeets	.32	.31	.31	.28					.30	.27						.28	.26								
sugarbeets w/cc		.24							.23	.20	.14	.11	.09			.21	.19	.13	.11	.09	.08	.06			
tobacco	.33	.33	.31	.28					.31	.28						.29	.27								
tobacco w/cc		.20							.18	.16	.13	.11				.17	.15	.12	.10	.08	.06	.05			
wheat/dbl. crop Sb	.22	.18	.20	.17	.14	.11	.08		.17	.15	.12	.10	.08	.06	.05	.16	.13	.10	.07	.05	.04	.03	.03	.03	
Soybeans <20" After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.19	.15	.18	.13	.09	.08	.07	.06	.14	.12	.08	.06	.05	.04		.14	.11	.08	.06	.05	.04	.03	.02		
corn silage	.31	.30	.29	.27	.25				.28	.25	.23					.21	.17	.14	.11						
corn silage w/cc		.18							.17	.16	.15	.13	.11			.16	.15	.14	.12	.10	.08	.07	.06		
soybeans	.28	.21	.26	.21	.15	.13	.11		.20	.16	.14	.12	.10			.19	.16	.13	.10	.08	.07	.06	.05		
soybeans w/cc		.17							.16	.14	.12	.10	.08			.15	.13	.11	.09	.07	.06	.05	.04		
1 year meadow	.17	.15	.16	.13	.11	.09	.07		.15	.12	.10	.08				.14	.11	.09	.07	.06	.05	.04	.03		
estab. meadow	.14	.13	.13	.11	.09	.07	.05		.13	.11	.09	.07				.12	.09	.07	.05	.04	.03	.03	.02		
wheat	.20	.15	.19	.14	.11	.08	.06		.14	.11	.09	.07	.05	.04	.03	.12	.10	.08	.06	.05	.04	.03	.02	.02	
oats	.25	.20	.24	.21	.16	.12	.09	.07	.19	.16	.12	.10	.08	.06	.05	.18	.15	.12	.10	.08	.06	.05	.04		
sugarbeets	.26	.24	.25	.22					.24	.21						.23	.21								
sugarbeets w/cc		.19							.18	.16	.13	.11	.09			.17	.15	.12	.10	.08	.07	.06	.05		
tobacco	.27	.26	.27	.25					.26	.24						.24	.22								
tobacco w/cc		.16							.15	.13	.11					.14	.12	.10	.08	.06	.05	.04			
wheat/dbl. crop Sb	.17	.13	.15	.12	.09	.08	.06		.11	.09	.08	.06	.05	.04		.11	.09	.07	.05	.04	.03	.03	.02	.02	

NOTE: Crops following a crop with a cover crop assumes the cover crop is killed or tilled at 12" - 15" height (Late April - Early May).

Table 6 - Ohio C Factor Zone 102 C

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE Till
	FALL	SPRING																							
1st Year Meadow After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.13	.10	.11	.09	.07	.06	.05	.03	.10	.08	.06	.05	.04			.09	.07	.05	.04	.03	.02	.01			
corn silage	.21	.19	.20	.17	.15				.19	.15	.13					.18	.15	.13	.10						
corn silage w/cc		.16							.16	.14	.12	.10				.16	.14	.12	.10	.08					
soybeans	.18	.15	.16	.12	.10	.08			.14	.11	.09					.13	.11	.09	.07	.05					
soybeans w/cc		.13							.13	.11	.08	.06				.13	.11	.08	.06	.05	.04				
1 year meadow	.08	.11	.08	.06	.04	.03	.03		.11	.09	.07	.05	.04			.08	.06	.05	.04	.03	.02	.02	.01		
estab. meadow	.07	.09	.07	.06	.05	.04	.03		.07	.06	.05	.04	.03			.06	.05	.04	.03	.02	.01	.01			
wheat	.08	.11	.08	.07	.05	.04			.10	.09	.08	.07	.06			.08	.07	.05	.04	.03	.02	.01			
oats	.10	.12	.09	.08	.07	.06			.12	.11	.10	.09	.08			.09	.08	.07	.06	.05	.04	.03	.02	.01	
sugarbeets	.17	.16	.16	.14					.15	.13						.14	.11								
tobacco	.19	.18	.18	.16					.18	.16						.17	.14								
tobacco w/cc		.14							.14	.12						.14	.12	.10	.08	.06					
wheat/dbl. crop Sb	.11	.08	.09	.07	.05	.04	.03		.09	.07	.05	.04	.03			.08	.06	.05	.04	.03	.02				
Wheat After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.06		.06	.05	.04	.03	.02	.02								.06	.05	.04	.03	.02	.01	.01	.006	.004	
corn silage	.12		.09	.07	.06	.05										.09	.06	.05	.04	.03	.02				
corn silage w/cc																									
soybeans	.09		.08	.06	.05	.04	.03	.02								.08	.06	.05	.04	.03	.02	.02			
soybeans w/cc																									
1 year meadow	.11		.11	.08	.06	.04										.10	.07	.05	.04	.03	.02	.01			
estab. meadow	.07		.07	.05	.04	.03										.06	.04	.03	.02	.02	.01	.01			
wheat																									
oats	.13		.12	.09	.07	.05	.04									.10	.08	.06	.05	.04	.03	.02	.01		
sugarbeets	.08		.08	.06												.08	.06								
tobacco	.09		.08	.06												.08	.06	.05							
tobacco w/cc																									
wheat/dbl. crop Sb																									

Note #1. First year meadow assumes establishment at the first optimal planting date after the crop it follows.
For Example: meadow after corn is spring seeded; meadow after wheat, oats, or meadow is summer seeded with fall tillage and spring seeded after spring tillage.

Table 6 - Ohio C Factor Zone 102 C

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE Till
	FALL	SPRING																							
Oats After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.10	.08	.09	.08	.06	.05	.04	.03	.07	.06	.05	.04	.03	.02	.02	.07	.06	.05	.04	.03	.02	.01	.008		
corn silage	.19	.19	.18	.13	.09				.18	.13	.09					.18	.13	.09							
corn silage w/cc																									
soybeans	.15	.12	.14	.10	.08				.12	.09	.07	.06				.12	.09	.07	.06	.05	.04				
soybeans w/cc																									
1 year meadow	.10	.07	.08	.07	.06	.05			.07	.06	.05	.05				.07	.06	.05	.04	.03	.02	.01			
estab. meadow	.09	.06	.08	.06	.05	.04			.06	.05	.05	.04				.06	.05	.04	.03	.02	.01				
wheat	.11	.09	.10	.08	.06	.05	.04		.09	.07	.05	.04	.03			.09	.07	.05	.04	.03	.02	.01			
oats																									
sugarbeets	.14	.13	.13	.11					.13	.11						.12	.09								
tobacco	.19	.19	.19	.16					.19	.15						.18	.12								
tobacco w/cc																									
wheat/dbl. crop Sb	.09	.07	.08	.07	.06	.05	.04	.03	.07	.06	.05	.04	.03	.02		.07	.06	.05	.04	.03	.02	.01			
Sugarbeets After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.23	.20	.21	.17	.15	.13	.11	.09	.19	.17	.15	.13	.11	.09	.07	.19	.17	.15	.13	.10	.08	.06	.05	.04	
corn silage	.37	.36	.36	.34					.35	.33						.34	.31								
corn silage w/cc		.22							.21	.19	.17	.15	.13	.11		.20	.18	.16	.14	.12	.10	.08			
soybeans	.35	.28	.33	.25	.23	.21			.27	.25	.23	.21				.26	.23	.21	.18	.16	.14	.12			
soybeans w/cc		.22							.21	.19	.16	.13	.09			.20	.18	.15	.12	.10	.08	.07	.06	.05	
1 year meadow	.20	.18	.18	.15	.13	.12	.11		.17	.15	.13					.16	.13	.11	.09	.07	.05				
estab. meadow	.17	.12	.16	.15	.13	.11	.09		.12	.10	.09	.08	.06			.11	.10	.09	.08	.06	.05	.04			
wheat	.28	.23	.26	.22	.17	.13	.11		.22	.18	.16	.12	.10	.08		.22	.18	.16	.12	.10	.08	.07	.06		
oats	.30	.25	.29	.23	.18	.14	.12		.24	.19	.17	.13	.11	.09		.24	.19	.17	.13	.11	.09	.08	.07		
sugarbeets																									
tobacco																									
tobacco w/cc																									
wheat/dbl. crop Sb	.19	.16	.18	.15	.13	.11	.09		.15	.13	.11	.09	.07			.15	.12	.10	.08	.07	.06	.05	.04	.03	

NOTE: Crops following a crop with a cover crop assumes the cover crop is killed or tilled at 12" - 15" height (Late April - Early May).

Table 6 - Ohio C Factor Zone 102 C

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE Till
	FALL	SPRING																							
Tobacco After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.27	.23	.26	.22	.18	.16	.13	.11	.21	.18	.15	.14	.12	.10		.21	.17	.13	.12	.10	.08	.06			
corn silage	.41	.41	.39	.34	.29				.39	.34	.29					.35	.30	.25							
corn silage w/cc		.25							.24	.21	.18	.16	.14	.12		.22	.19	.17	.14	.11	.09	.07	.05		
soybeans	.37	.31	.31	.26	.24				.29	.25	.23					.28	.24	.22	.18						
soybeans w/cc		.22							.21	.18	.14	.12				.20	.18	.15	.12	.09	.06	.04			
1 year meadow	.22	.16	.21	.19					.16	.14	.12					.16	.13	.11	.09	.08	.07	.06			
estab. meadow	.20	.14	.20	.17					.14	.12						.14	.12	.10	.08	.07	.06	.05			
wheat	.27	.23	.25	.20	.16	.13	.11	.09	.19	.17	.15	.13	.10			.18	.15	.13	.11	.09	.07	.05			
oats	.33	.27	.31	.25	.20	.16	.13		.26	.22	.18	.15	.12			.25	.20	.17	.14	.10	.08				
sugarbeets																									
tobacco	.39	.39	.39	.34					.38	.33						.36	.31								
tobacco w/cc		.19							.18	.15	.12	.10				.18	.15	.12	.10	.08					
wheat/dbl. crop Sb	.24	.20	.23	.19	.15	.12			.18	.15	.13	.11				.17	.14	.11	.09	.07	.06				

Double Crop	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE Till
	FALL	SPRING																							
			<10	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
Wheat w/Double Crop Soybeans >20" After: ("C" Factor for Wheat Establishment - Assumes No Till Double Crop Sb)																									
Soybeans >20"	.11		.10	.09	.08	.06	.05	.04								.08	.07	.06	.05	.04	.04	.03			
Wheat w/Double Crop Soybeans <20" After: ("C" Factor for Wheat Establishment - Assumes No Till Double Crop Sb)																									
Soybeans <20"	.11		.10	.09	.08	.06	.05	.04								.08	.07	.06	.05	.04	.04	.03			
Established Meadow	Use .01 for Average Stands and .007 for Good to Excellent Stands																								

NOTE: Crops following a crop with a cover crop assumes the cover crop is killed or tilled at 12" - 15" height (Late April - Early May).

Table 6 - Ohio C Factor Zone 102 C

Continuous No Till "C" Factors (No Till 4 or More Years)

	No Till % Cover After Planting									
No Till Corn Grain After:	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
Corn Grain					.026	.022	.02	.01	.005	
Corn Silage	.20	.16	.14							
Corn Silage w/cc					.06	.045	.033	.02	.01	
Soybeans		.10	.09	.075	.067	.05	.04	.03		
Soybeans w/cc					.043	.03	.02	.009	.006	
Wheat					.038	.028	.018	.01	.006	

	No Till % Cover After Planting									
No Till Corn Silage After:	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
Corn Grain				.06	.04	.032	.02	.01	.006	
Corn Silage	.17	.15								
Corn Silage w/cc					.071	.06	.049	.03		
Soybeans		.18	.15	.11	.078					
Soybeans w/cc					.045	.035	.025	.02	.015	
Wheat					.043	.035	.025	.011	.006	

No Till Soybeans After:	No Till % Cover After Planting									
	<10	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
Corn Grain					.03	.02	.009	.007	.005	
Corn Silage	.19	.16	.12							
Corn Silage w/cc				.077	.067	.053	.043	.033	.025	
Soybeans		.09	.07	.057	.045	.04	.02			
Soybeans w/cc					.037	.024	.015	.01	.008	
Wheat				.06	.05	.039	.03	.02	.01	

NOTE: Crops following a crop with a cover crop assumes the cover crop is killed or tilled at 12" - 15" height (Late April - Early May).

	No Till % Cover After Planting									
No Till Wheat After:	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
Corn Grain					.01	.007	.005	.003	.001	
Corn Silage		.05	.035	.022	.01					
Corn Silage w/cc										
Soybeans					.03	.02	.016	.013	.01	.009
Soybeans w/cc										
Wheat										

	No Till % Cover After Planting									
No Till Alfalfa After:	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
Corn Grain						.01	.008	.006	.005	
Corn Silage	.13	.114	.10							
Corn Silage w/cc										
Soybeans				.05	.036	.025	.015	.01		
Soybeans w/cc										
Wheat						.011	.009	.007		

Table 6 - Ohio C Factor Zone 103 A

CROP SEQENCE	CLEAN TILL FALL	CLEAN TILL SPRG	FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE Till
Corn Grain After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.24	.21	.20	.16	.14	.12	.09	.08	.18	.15	.13	.11	.08	.07	.06	.18	.14	.11	.09	.06	.05	.04	.03	.02	.10
corn silage	.35	.37	.34	.31	.25				.35	.31	.24					.35	.22	.18	.13						.27
corn silage w/cc		.21							.19	.15	.13	.11	.08	.07	.06	.18	.14	.11	.09	.07	.05	.04	.03	.02	.10
soybeans	.36	.30	.34	.28	.23				.28	.24	.21					.26	.20	.13	.09	.07	.06	.05	.04	.03	.20
soybeans w/cc		.23							.21	.18	.14	.11	.09	.08	.07	.19	.15	.12	.09	.07	.06	.05	.04	.03	.11
1 year meadow	.18	.14	.16	.14	.12	.09	.07	.05	.14	.12	.10	.08	.06	.05	.04	.14	.11	.10	.07	.06	.05	.04	.03	.02	
estab. meadow	.17	.11	.17	.15	.13				.10	.09	.08	.06	.05	.04		.10	.08	.07	.06	.05	.04	.03	.02	.01	
wheat	.24	.20	.21	.17	.13	.11	.08	.06	.18	.15	.12	.10	.08	.06	.05	.15	.12	.10	.07	.05	.04	.03	.02	.02	
oats	.30	.24	.27	.23	.18	.14	.09	.08	.21	.19	.16	.13	.11	.08	.06	.21	.18	.15	.11	.08	.07	.06	.05	.04	
sugarbeets	.32	.33	.32	.29					.31	.29						.30	.27								
tobacco	.35	.34	.33	.27					.32	.26						.31	.25								
tobacco w/cc		.20							.20	.18	.16	.13	.11	.09		.20	.17	.14	.11	.09	.07	.05			
wheat/dbl. crop Sb	.22	.18	.19	.15	.13	.11	.09	.07	.17	.14	.11	.10	.08	.07	.06	.17	.13	.10	.08	.06	.05	.04	.03	.02	
Corn Silage After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.27	.20	.24	.17	.14	.12	.09	.08	.19	.16	.13	.11	.09	.07	.06	.19	.15	.12	.08	.06	.05	.04	.03	.02	.10
corn silage	.37	.36	.35	.28	.24				.35	.31	.22					.30	.22	.18	.14						.30
corn silage w/cc		.23							.22	.19	.17	.14	.11	.09	.07	.20	.15	.13	.11	.09	.07	.06	.05	.04	.17
soybeans	.36	.29	.30	.24	.22	.20			.27	.25	.20	.18				.26	.22	.16	.13	.11	.09				.20
soybeans w/cc		.22							.21	.19	.15	.13	.09	.08	.07	.21	.18	.13	.11	.09	.07	.06	.05	.04	.11
1 year meadow	.19	.14	.18	.15	.13	.11			.14	.12	.10					.14	.11	.09	.07	.06	.05	.04	.03	.02	
estab. meadow	.17	.12	.17	.15	.13	.11			.11	.10	.08	.06	.05	.04	.03	.10	.08	.07	.06	.05	.04	.03	.02	.01	
wheat	.25	.21	.23	.18	.14	.11	.09		.19	.16	.12	.10	.08	.06	.05	.17	.12	.08	.06	.05	.04	.03	.02	.01	
oats	.31	.25	.28	.22	.18	.14	.12	.09	.23	.19	.16	.13	.10	.08	.06	.21	.18	.14	.11	.09	.06	.05	.04	.03	
sugarbeets	.32	.32	.31	.29					.32	.29						.30	.28								
tobacco	.36	.36	.35	.30	.25				.35	.30	.25					.32	.27	.22							
tobacco w/cc		.21							.20	.18	.15	.13	.10	.08	.06	.20	.18	.14	.12	.10	.08	.06	.04		
wheat/dbl. crop Sb	.22	.18	.19	.15	.13	.11	.09	.07	.17	.14	.11	.09	.07	.06	.05	.17	.13	.10	.08	.06	.05	.04	.03	.02	

Note: Crops following crops with a cover crops assumes the cover crop is killed or tilled at the 12" - 15" height (Late April - Early May).

Table 6 - Ohio C Factor Zone 103 A

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE Till
	FALL	SPRG																							
Soybeans >20" After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.25	.21	.22	.18	.13	.09	.09	.08	.20	.16	.14	.08	.07	.06	.05	.20	.15	.13	.08	.07	.06	.05	.04	.03	.10
corn silage	.40	.39	.38	.33					.37	.31						.35	.29	.19							.29
corn silage w/cc		.25							.24	.21	.18	.16	.14			.23	.20	.17	.15	.13	.11	.10	.09		.13
soybeans	.38	.31	.36	.30	.22	.19			.30	.26	.21	.18				.27	.21	.15	.12	.09	.07	.05	.03		.16
soybeans w/cc		.25							.24	.20	.14	.11				.23	.19	.14	.10	.08	.06	.05	.04		.11
1 year meadow	.19	.16	.17	.15	.13	.11			.15	.13	.11	.09				.15	.13	.10	.08	.06					
estab. meadow	.18	.11	.17	.14	.12	.10			.11	.09	.07	.05				.11	.09	.07	.05	.04	.03	.02			
wheat	.26	.20	.24	.19	.16	.13	.09		.19	.16	.13	.09	.07			.18	.15	.12	.08	.06	.05	.04	.03		
oats	.33	.25	.31	.25	.20	.14	.11		.24	.19	.16	.13	.11			.23	.18	.15	.12	.09	.06	.05	.04		
sugarbeets	.35	.34	.33	.31					.32	.29						.31	.28								
sugarbeets w/cc		.24							.23	.20	.16	.14				.21	.18	.15	.13	.10	.08	.06	.05		
tobacco	.36	.35	.35	.32					.34	.31						.31	.28								
tobacco w/cc		.20							.18	.16	.13	.11				.17	.15	.13	.11	.09	.07	.06			
wheat/dbl. crop Sb	.22	.18	.20	.17	.14	.11	.09		.17	.15	.12	.10	.08			.16	.13	.10	.08	.06	.05	.04	.03		
Soybeans <20" After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.20	.15	.18	.14	.09	.08	.07	.06	.14	.12	.08	.06	.05	.04	.03	.14	.11	.08	.06	.05	.04	.03	.02	.01	
corn silage	.33	.32	.31	.29	.27				.29	.27	.25					.27	.23	.18	.14						
corn silage w/cc		.18							.18	.16	.15	.13	.11			.17	.15	.14	.12	.10	.08	.07	.06		
soybeans	.29	.22	.27	.22	.16	.14	.12		.21	.17	.15	.13	.11			.20	.17	.14	.11	.09	.07	.05	.04		
soybeans w/cc		.17							.16	.14	.12	.10	.08			.15	.13	.11	.09	.07	.06	.05	.04		
1 year meadow	.17	.15	.16	.13	.11	.09			.15	.12	.10	.08	.06			.14	.11	.09	.07	.06	.05	.04	.03		
estab. meadow	.15	.13	.14	.11	.10	.08			.13	.11	.09	.07	.05			.12	.10	.08	.06	.04	.03	.03	.02		
wheat	.21	.15	.20	.16	.12	.08	.06		.14	.11	.09	.06	.05	.04	.03	.13	.11	.09	.07	.05	.04	.03	.02	.01	
oats	.26	.20	.25	.21	.16	.12	.09	.07	.19	.16	.12	.10	.08	.06	.05	.18	.15	.12	.10	.08	.06	.05	.04		
sugarbeets	.27	.26	.26	.24					.26	.24						.25	.23								
sugarbeets w/cc		.20							.19	.17	.14	.12	.10			.18	.16	.13	.11	.09	.07	.06	.05		
tobacco	.29	.28	.29	.26					.27	.25						.25	.23								
tobacco w/cc		.16							.15	.13	.11					.14	.12	.10	.08	.06	.05	.04	.03	.02	
wheat/dbl. crop Sb	.17	.13	.15	.13	.10	.08	.06	.04	.12	.10	.08	.06	.04			.11	.09	.07	.05	.04	.03	.03	.02		

Note: Crops following crops with a cover crops assumes the cover crop is killed or tilled at the 12" - 15" height (Late April - Early May).

Table 6 - Ohio C Factor Zone 103 A

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE Till
	FALL	SPRG																							
1st Year Meadow After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.14	.10	.12	.10	.08	.06	.05	.04	.10	.08	.06	.05	.04	.03	.02	.10	.07	.05	.04	.03	.02	.01			
corn silage	.23	.21	.22	.18	.16	.14			.20	.16	.14					.18	.15	.13	.10						
corn silage w/cc		.17							.17	.15	.13	.11				.17	.15	.13	.11	.09	.07	.06	.05	.03	
soybeans	.20	.16	.18	.13	.11	.09			.15	.12	.09	.08				.13	.11	.09	.07	.05					
soybeans w/cc		.13							.13	.11	.09	.07				.13	.11	.08	.06	.05	.04	.03			
1 year meadow	.08	.11	.08	.06	.04	.03			.11	.09	.07	.05	.04			.08	.06	.05	.04	.03	.02	.01			
estab. meadow	.07	.09	.07	.06	.05	.04			.08	.07	.06	.05	.04			.07	.06	.05	.03	.02					
wheat	.08	.11	.08	.06	.05	.04	.03		.11	.09	.08	.06	.05			.08	.07	.06	.05	.04	.03	.02	.01		
oats	.10	.12	.10	.08	.06	.05	.04		.12	.10	.09	.08	.07			.10	.09	.08	.07	.06	.05	.04	.03		
sugarbeets	.19	.18	.17	.15					.17	.15						.16	.11								
tobacco	.19	.19	.19	.17					.19	.17						.18	.15								
tobacco w/cc		.15							.15	.13						.14	.12	.10	.08	.06					
wheat/dbl. crop Sb	.12	.08	.10	.08	.06	.04	.03	.02	.08	.06	.04	.03	.02	.01		.08	.06	.04	.03	.02	.01				
Wheat After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.07		.06	.05	.04	.03	.02													.02	.01	.01	.006	.002	
corn silage	.13		.11	.08	.06											.09	.06	.05	.04						
corn silage w/cc																									
soybeans	.11		.10	.08	.06	.04	.03									.09	.08	.06	.04	.03	.03	.02	.01		
soybeans w/cc																									
1 year meadow	.11		.11	.08	.06	.04										.10	.07	.05	.04	.03	.02	.01			
estab. meadow	.08		.08	.05	.04	.03										.08	.05	.04	.03	.02	.01				
wheat																									
oats	.13		.12	.09	.07	.05	.04									.11	.08	.06	.05	.04	.03	.02	.01		
sugarbeets	.09		.09	.07												.09	.07	.05							
tobacco	.10		.09	.07												.09	.07	.05							
tobacco w/cc																									
wheat/dbl. crop Sb																									

Note: First year meadow established at the first optimum planting date after the crop it follows.
For Example, Meadow after corn is spring seeded, meadow after wheats, oats, and meadow are established in the summer for summer tillage and in the spring for spring tillage.

Table 6 - Ohio C Factor Zone 103 A

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE Till
	FALL	SPRG																							
Oats After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.11	.08	.10	.08	.06	.05	.04	.03	.07	.06	.05	.04	.04	.03		.07	.06	.05	.04	.03	.02	.01	.009	.005	
corn silage	.21	.21	.18	.14	.09				.18	.14	.09					.18	.13	.09							
corn silage w/cc																									
soybeans	.17	.13	.16	.13	.09	.07	.05		.13	.10	.08	.06	.05			.12	.10	.08	.06	.04	.02				
soybeans w/cc																									
1 year meadow	.11	.08	.10	.09	.08	.07			.08	.07	.06	.05	.04			.07	.06	.05	.04	.03	.03	.02			
estab. meadow	.10	.07	.09	.08	.07	.06			.07	.06	.05	.04	.03			.07	.06	.05	.04	.03	.02	.01			
wheat	.12	.10	.11	.09	.07	.06	.05		.09	.07	.05	.04	.03			.09	.07	.05	.04	.03	.02	.01			
oats																									
sugarbeets	.16	.15	.15	.13					.15	.13						.14	.12								
tobacco	.21	.21	.21	.19					.21	.18						.20	.16								
tobacco w/cc																									
wheat/dbl. crop Sb	.10	.08	.10	.09	.08	.07	.06		.08	.07	.06	.05	.04	.03		.08	.07	.06	.05	.04	.03	.02	.01		
Sugarbeets After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.25	.21	.23	.19	.16	.14	.12	.10	.20	.18	.15	.13				.20	.18	.15	.12	.10	.08	.06	.05	.04	
corn silage	.40	.39	.39	.37					.38	.36						.37	.34								
corn silage w/cc		.23							.22	.20	.17	.15	.13	.11		.21	.19	.17	.15	.13	.11	.09	.07		
soybeans	.38	.30	.36	.27	.25	.23			.28	.26	.24	.22				.27	.24	.21	.19	.17					
soybeans w/cc		.22							.22	.19	.16	.14				.21	.18	.15	.12	.10	.08	.07	.06		
1 year meadow	.21	.19	.19	.16	.14	.12			.18	.16	.13	.11				.17	.15	.12	.09	.07	.05				
estab. meadow	.18	.12	.19	.17	.14	.12	.10		.12	.10	.09	.07	.06			.11	.10	.09	.08	.07	.06	.05			
wheat	.29	.23	.28	.25	.18	.13	.11		.22	.18	.16	.12	.10	.08		.22	.18	.16	.12	.10	.08	.06			
oats	.32	.26	.30	.26	.19	.14	.12		.24	.19	.17	.13	.11	.09		.24	.19	.17	.13	.11	.09	.08	.07		
sugarbeets																									
tobacco																									
tobacco w/cc																									
wheat/dbl. crop Sb	.20	.17	.19	.16	.14	.12	.10		.16	.14	.12	.10	.08	.06		.15	.13	.11	.09	.07	.05	.03	.01		

Note: Crops following crops with a cover crops assumes the cover crop is killed or tilled at the 12" - 15" height (Late April - Early May).

Table 6 - Ohio C Factor Zone 103 A

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE Till
	FALL	SPRG																							
Tobacco After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.28	.24	.27	.23	.18	.16	.13	.11	.22	.18	.15	.14	.12	.10		.21	.17	.14	.12	.10	.08	.06			
corn silage	.43	.43	.41	.36	.31				.41	.36	.31					.37	.32	.28							
corn silage w/cc		.25							.24	.22	.19	.16	.14	.12		.22	.19	.17	.14	.12	.09	.07	.05		
soybeans	.40	.32	.32	.27	.25				.30	.26	.24					.29	.25	.23	.19						
soybeans w/cc		.22							.21	.18	.14	.12				.20	.18	.15	.12	.09	.06	.04			
1 year meadow	.23	.16	.22	.19	.17				.16	.14	.12					.15	.13	.11	.09	.08	.07	.06	.05		
estab. meadow	.21	.14	.20	.17	.15				.14	.12	.10					.14	.12	.10	.08	.07	.06	.05			
wheat	.28	.24	.26	.21	.17	.14	.11		.22	.17	.15	.13	.10			.19	.15	.13	.10	.08	.06	.05			
oats	.34	.27	.32	.25	.20	.16	.13		.26	.22	.18	.15	.12			.25	.20	.17	.14	.10	.08				
sugarbeets																									
tobacco	.42	.41	.41	.36					.40	.35						.38	.33								
tobacco w/cc		.19							.18	.15	.13	.11				.18	.15	.12	.10	.08					
wheat/dbl. crop Sb	.24	.20	.23	.19	.15	.12			.18	.15	.13	.11				.17	.14	.11	.09	.07	.06	.05			

	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE Till
	FALL	SPRG																							
			<10	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
Wheat w/Double Crop Soybeans >20" After: ("C" Factor for Wheat Establishment - Assumes No Till Double Crop Sb)																									
Soybeans >20"	.12		.11	.09	.07	.06	.05									.08	.07	.06	.05	.04	.04	.03	.02		
Wheat w/Double Crop Soybeans <20" After: ("C" Factor for Wheat Establishment - Assumes No Till Double Crop Sb)																									
Soybeans <20"	.12		.11	.09	.07	.06	.05									.08	.07	.06	.05	.04	.04	.03	.02		

Established Meadow - Use 0.01 for average stands and 0.007 for good to excellent stands.

Note: Crops following crops with a cover crops assumes the cover crop is killed or tilled at the 12" - 15" height (Late April - Early May).

Table 6 - Ohio C Factor Zone 103 A

Continuous No Till "C" Factors (No Till 4 or More Years)

	No Till % Cover After Planting									
No Till Corn Grain After:	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
Corn Grain					.026	.02	.015	.01	.005	
Corn Silage	.21	.16	.12							
Corn Silage w/cc					.06	.047	.034	.02		
Soybeans			.09	.078	.066	.05	.035			
Soybeans w/cc				.055	.042	.03	.02	.009		
Wheat				.05	.034	.025	.015	.008		

	No Till % Cover After Planting									
No Till Corn Silage After:	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
Corn Grain				.035	.026	.02	.016	.01		
Corn Silage	.21	.17	.13							
Corn Silage w/cc				.085	.073	.06	.051	.04		
Soybeans		.182	.14	.11	.078	.06				
Soybeans w/cc				.06	.046	.033	.029	.021	.013	
Wheat					.039	.03	.02	.01		

	No Till % Cover After Planting									
No Till Soybeans After:	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
Corn Grain					.03	.019	.009	.006		
Corn Silage	.20	.15	.12							
Corn Silage w/cc				.079	.063	.055	.041			
Soybeans			.071	.057	.043	.033				
Soybeans w/cc				.05	.038	.025	.01			
Wheat						.035	.031	.028		

	No Till % Cover After Planting									
No Till Wheat After:	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
Corn Grain					.011	.008	.005	.003		
Corn Silage	.08	.054	.04	.023						
Corn Silage w/cc										
Soybeans					.023	.019	.016	.013	.01	
Soybeans w/cc										
Wheat										

	No Till % Cover After Planting									
No Till Alfalfa After:	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
Corn Grain				.025	.015	.01	.008	.006		
Corn Silage	.14	.12	.10							
Corn Silage w/cc										
Soybeans				.06	.038	.026	.015	.01		
Soybeans w/cc										
Wheat				.03	.018	.011	.008	.006		

Note: Crops following crops with a cover crops assumes the cover crop is killed or tilled at the 12" - 15" height (Late April - Early May).

Table 6 - Ohio C Factor Zone 103 B

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE TILL
	FALL	SPRG																							
Corn Grain After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.27	.23	.24	.18	.15	.13	.11	.09	.20	.17	.14	.11	.08	.07	.06	.20	.15	.11	.09	.08	.06	.04	.03	.02	.11
corn silage	.41	.41	.37	.33	.28				.39	.33	.28					.35	.26	.20	.16						.30
corn silage w/cc		.23							.20	.17	.14	.11	.09	.08	.07	.20	.15	.12	.10	.08	.07	.06	.05	.04	.11
soybeans	.38	.32	.33	.28	.23				.28	.24	.22					.26	.20	.16	.12	.10	.08	.07			.21
soybeans w/cc		.25							.24	.21	.17	.13	.11	.09	.07	.22	.16	.13	.10	.08	.07	.06	.05		.12
1 year meadow	.22	.15	.20	.18	.16	.14	.12	.10	.15	.13	.11	.08	.06	.05	.04	.15	.12	.09	.07	.06	.05	.04	.03	.02	
estab. meadow	.21	.12	.20	.18	.15	.11	.09	.07	.12	.11	.09	.07	.05	.05	.04	.11	.09	.07	.06	.05	.04	.03	.02		
wheat	.27	.22	.22	.19	.15	.12	.10	.08	.20	.16	.13	.11	.09	.07	.05	.18	.15	.10	.07	.06	.05	.04	.03	.02	
oats	.33	.26	.29	.26	.21	.16	.12	.10	.23	.21	.18	.15	.12	.10	.08	.23	.19	.16	.11	.09	.07	.06	.05	.04	
sugarbeets	.37	.36	.37	.32					.36	.31						.35	.30								
tobacco	.38	.38	.37	.31					.36	.30						.35	.29								
tobacco w/cc		.22							.21	.19	.16	.14	.12	.10		.20	.17	.14	.12	.11	.09	.07			
wheat/dbl. crop Sb	.25	.20	.24	.18	.15	.13	.11	.09	.20	.17	.14	.10	.08	.07	.06	.20	.15	.10	.07	.06	.05	.04	.03	.02	
Corn Silage After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.27	.22	.24	.19	.16	.12	.10	.08	.20	.18	.16	.13	.10	.08	.06	.20	.16	.12	.08	.07	.06	.05	.04	.03	.11
corn silage	.41	.41	.39	.33	.28				.39	.33	.28					.36	.30	.23	.17						.32
corn silage w/cc		.26							.25	.22	.19	.16	.13	.10	.08	.21	.16	.13	.11	.09	.08	.07	.06		.16
soybeans	.38	.31	.31	.28	.26	.24			.27	.25	.23	.21				.26	.22	.19	.17	.15	.11	.09			.24
soybeans w/cc		.24							.23	.21	.17	.14	.11	.09	.07	.21	.18	.14	.12	.10	.08	.06	.04	.02	.13
1 year meadow	.23	.15	.22	.19	.16	.14	.12		.16	.13	.11	.09				.14	.11	.09	.08	.07	.06	.05	.04	.03	
estab. meadow	.22	.12	.21	.18	.15	.11	.09	.07	.12	.11	.09	.07	.05	.04	.03	.11	.09	.07	.06	.05	.04	.03	.02		
wheat	.28	.23	.23	.20	.15	.13	.11	.09	.21	.17	.14	.11	.09	.07	.05	.18	.14	.10	.07	.05	.04	.03	.02	.01	
oats	.34	.26	.31	.24	.20	.15	.12	.09	.25	.22	.18	.14	.11	.08	.07	.23	.20	.17	.13	.09	.06	.04	.03	.02	
sugarbeets																									
tobacco	.39	.39	.39	.34	.29				.38	.33	.28					.35	.30	.25							
tobacco w/cc		.23							.22	.19	.17	.15	.12	.09	.07	.21	.18	.16	.14	.11	.09	.07	.05		
wheat/dbl. crop Sb	.25	.20	.24	.18	.15	.13	.11	.09	.20	.17	.14	.10	.08	.07	.06	.20	.15	.10	.08	.06	.05	.04	.03	.02	

Note: Crops following a crop with a cover crop assumes the cover crop is killed or tilled at a height of 12" - 15" (Late April - Early May).

Table 6 - Ohio C Factor Zone 103 B

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL						SPRING MULCH TILL							NO TILL									RIDGE
	FALL	SPRG	% COVER AFTER PLANTING						% COVER AFTER PLANTING							% COVER AFTER PLANTING									Till
Soybeans >20" After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.27	.23	.25	.20	.16	.13	.10	.09	.22	.18	.14	.12	.10	.08	.06	.20	.16	.13	.10	.08	.06	.05	.04	.03	.12
corn silage	.43	.41	.40	.35					.40	.35						.37	.30	.21	.18						.31
corn silage w/cc		.27							.25	.22	.19	.17	.15			.25	.22	.19	.17	.15	.13	.11	.10		.14
soybeans	.40	.33	.38	.33	.27	.24			.31	.29	.25	.22				.28	.22	.17	.12	.08	.07	.06	.05		.19
soybeans w/cc		.27							.26	.23	.16	.13	.11			.25	.21	.16	.13	.10	.08	.06	.05	.04	.13
1 year meadow	.22	.19	.20	.18	.16	.14			.18	.16	.14	.12				.17	.15	.13	.11	.08	.06	.05	.04	.03	
estab. meadow	.21	.12	.20	.18	.15	.13			.12	.10	.08	.06				.12	.10	.08	.06	.05	.04	.03	.02	.02	
wheat	.28	.22	.27	.22	.17	.13	.11	.09	.21	.17	.14	.10	.08			.20	.16	.12	.09	.07	.05	.04	.03	.02	
oats	.35	.27	.33	.26	.21	.16	.13		.25	.22	.18	.15	.13			.24	.21	.17	.14	.10	.07	.05	.04	.03	
sugarbeets	.37	.36	.35	.33					.35	.33						.34	.31								
sugarbeets w/cc		.26							.24	.21	.18	.16				.23	.20	.17	.15	.12	.10	.07	.06	.05	
tobacco	.38	.38							.37	.34						.35	.31								
tobacco w/cc		.23							.21	.19	.16	.14				.20	.18	.15	.12	.10	.08	.07	.06		
wheat/dbl. crop Sb	.26	.21	.24	.21	.17	.14	.11		.20	.18	.15	.13	.10			.18	.14	.11	.08	.07	.06	.05	.04	.03	
Soybeans <20" After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.22	.17	.22	.16	.11	.09	.08	.07	.16	.14	.10	.08	.07	.06	.05	.16	.14	.10	.07	.06	.05	.04	.03	.02	
corn silage	.35	.34	.33	.32	.30				.32	.30	.28					.30	.25	.22	.16	.13					
corn silage w/cc		.20							.20	.18	.16	.14	.12	.10	.08	.19	.17	.15	.12	.10	.08	.06	.05	.04	
soybeans	.32	.23	.30	.25	.19	.17	.15		.22	.19	.17	.15	.13	.11		.21	.19	.16	.14	.12	.09	.07	.05		
soybeans w/cc		.19							.18	.16	.14	.12	.10	.08		.17	.16	.13	.11	.09	.07	.06	.05		
1 year meadow	.19	.16	.18	.16	.14	.12			.16	.14	.12	.10				.15	.13	.11	.09	.07	.06	.05	.04		
estab. meadow	.18	.15	.17	.15	.13	.11			.15	.13	.11	.09				.14	.12	.10	.08	.06	.05	.04	.03		
wheat	.23	.16	.21	.17	.14	.10	.08	.06	.16	.13	.10	.08	.06	.05	.04	.15	.13	.10	.08	.07	.06	.05	.04	.03	
oats	.28	.21	.27	.23	.18	.13	.10	.08	.20	.17	.13	.11	.09	.07	.06	.19	.16	.13	.11	.09	.07	.05	.04	.03	
sugarbeets	.29	.28	.28	.26					.28	.26						.27	.25								
sugarbeets w/cc		.21							.20	.18	.15	.13	.11			.19	.17	.14	.12	.10	.08	.07	.06	.05	
tobacco	.31	.30	.31	.29					.30	.28						.28	.26								
tobacco w/cc		.20							.18	.15	.13					.18	.15	.13	.11	.08	.07	.06	.05	.04	
wheat/dbl. crop Sb	.20	.15	.18	.15	.12	.09	.07	.05	.14	.12	.10	.08	.06	.05		.13	.11	.08	.07	.06	.05	.04	.03	.02	

Note: Crops following a crop with a cover crop assumes the cover crop is killed or tilled at a height of 12" - 15" (Late April - Early May).

Table 6 - Ohio C Factor Zone 103 B

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE Till
	FALL	SPRG																							
1st Year Meadow After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.16	.11	.14	.10	.08	.06	.05	.04	.11	.09	.07	.05	.04	.03	.02	.10	.08	.06	.05	.04	.03	.02	.02	.01	
corn silage	.25	.23	.24	.20	.17	.15			.23	.18	.15					.18	.16	.14	.12						
corn silage w/cc		.21							.20	.18	.15	.13	.12			.18	.16	.14	.12	.10					
soybeans	.22	.18	.20	.16	.14	.12			.17	.14	.12					.15	.13	.11	.09	.07	.06	.05			
soybeans w/cc		.15							.15	.13	.11	.09				.14	.11	.09	.08	.07					
1 year meadow	.09	.12	.09	.07	.05	.03			.12	.10	.08	.06	.05			.09	.07	.05	.04	.03	.02	.01			
estab. meadow	.08	.10	.07	.06	.05	.04			.09	.08	.06	.05	.04			.08	.06	.05	.03	.02	.01				
wheat	.09	.12	.09	.07	.06	.05	.04		.12	.10	.08	.06	.05			.11	.09	.08	.06	.05	.04	.03	.02		
oats	.11	.13	.10	.08	.07	.06			.13	.11	.09	.08	.07			.11	.10	.09	.07	.06	.05	.04	.03		
sugarbeets	.21	.20	.19	.17					.19	.17						.18	.13								
tobacco	.23	.22	.22	.20					.21	.19						.20	.18								
tobacco w/cc		.17							.17	.15	.13					.16	.14	.12	.10	.08					
wheat/dbl. crop Sb	.14	.09	.12	.08	.06	.04	.03	.02	.09	.07	.06	.05	.04	.03	.02	.08	.06	.05	.04	.03	.02	.01	.01		
Wheat After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.08		.08	.07	.06	.05	.04	.03								.08	.07	.06	.05	.04	.03	.02	.01	.005	
corn silage	.14		.13	.09	.07	.06										.09	.08	.07	.06	.05					
corn silage w/cc																									
soybeans	.11		.10	.08	.06	.05	.04	.03								.09	.08	.07	.06	.05	.04	.03	.02		
soybeans w/cc																									
1 year meadow	.13		.13	.10	.08	.06										.11	.09	.07	.06	.05	.04	.03	.02		
estab. meadow	.09		.08	.06	.05	.04										.08	.06	.05	.04	.03	.02	.01			
wheat																									
oats	.15		.14	.10	.07	.06	.05									.13	.10	.07	.06	.05	.04	.03	.02		
sugarbeets	.10		.10	.08												.10	.08	.06							
tobacco	.10		.10	.08												.10	.08	.06							
tobacco w/cc																									
wheat/dbl. crop Sb																									

Note: First year meadow established at the first optimum planting date after the prior crop and tillage.
For Example, meadow established after corn is spring seeded, meadow after wheat, oats, or meadow is summer seeded if tilled in the summer and spring seeded if tilled in the spring.

Table 6 - Ohio C Factor Zone 103 B

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE Till
	FALL	SPRG																							
Oats After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.12	.09	.11	.09	.07	.06	.05	.04	.08	.07	.06	.05	.04	.04	.03	.09	.07	.06	.05	.04	.03	.02	.01	.005	
corn silage	.23	.23	.20	.17	.12				.20	.17	.12					.18	.13	.11							
corn silage w/cc																									
soybeans	.19	.14	.18	.15	.11	.09	.07		.14	.12	.10	.08	.06			.13	.11	.09	.07	.05	.04	.03	.02		
soybeans w/cc																									
1 year meadow	.13	.10	.12	.11	.10	.09			.10	.09	.08	.07	.06			.10	.08	.07	.06	.05	.04	.03	.02		
estab. meadow	.11	.08	.10	.09	.08	.07			.08	.07	.06	.05	.04			.08	.07	.06	.05	.04	.03	.02	.01		
wheat	.14	.11	.13	.10	.08	.06	.04		.10	.08	.06	.04	.03			.10	.08	.06	.05	.04	.03	.02	.01		
oats																									
sugarbeets	.18	.17	.17	.14					.16	.14						.15	.12								
tobacco	.24	.24	.24	.22					.24	.22						.22	.19								
tobacco w/cc																									
wheat/dbl. crop Sb	.12	.10	.11	.10	.09	.08	.07		.10	.09	.08	.07	.06	.05	.04	.09	.08	.07	.06	.05	.04	.03	.02	.01	
Sugarbeets After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.27	.23	.26	.23	.19	.15	.13		.22	.18	.16	.14	.12	.10		.21	.17	.15	.13	.11	.09	.07	.05		
corn silage	.42	.41	.41	.39					.40	.38						.39	.36								
corn silage w/cc		.25							.24	.22	.19	.17	.15			.23	.21	.18	.16	.14	.12	.10	.08		
soybeans	.39	.32	.37	.30	.28				.31	.29	.27	.25				.30	.27	.24	.22	.20					
soybeans w/cc		.23							.22	.20	.18	.16				.21	.19	.17	.15	.12	.10	.08			
1 year meadow	.25	.22	.23	.20	.17	.15			.21	.19	.17	.15				.20	.17	.14	.12	.09					
estab. meadow	.21	.13	.20	.18	.16	.14			.13	.12	.11	.10	.09			.11	.10	.09	.08	.07	.06	.05	.04		
wheat	.32	.26	.31	.26	.21	.15	.13		.24	.21	.17	.14	.12			.24	.21	.17	.14	.12	.10	.08	.07		
oats	.34	.28	.33	.27	.22	.16	.14		.26	.22	.18	.15	.13			.26	.22	.18	.15	.13	.11	.09	.08		
sugarbeets																									
tobacco																									
tobacco w/cc																									
wheat/dbl. crop Sb	.24	.21	.22	.19	.17	.15	.13		.20	.18	.16	.14	.12			.19	.16	.13	.11	.09	.07	.05			

Note: Crops following a crop with a cover crop assumes the cover crop is killed or tilled at a height of 12" - 15" (Late April - Early May).

Table 6 - Ohio C Factor Zone 103 B

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE Till
	FALL	SPRG																							
Tobacco After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.31	.27	.30	.26	.22	.19	.16	.14	.25	.21	.18	.16	.15	.13		.24	.20	.17	.14	.12	.10	.08			
corn silage	.47	.47	.45	.40	.35				.44	.39	.34					.41	.36	.31							
corn silage w/cc		.28							.27	.24	.21	.18	.16	.14		.26	.22	.19	.16	.14	.11	.09	.07		
soybeans	.42	.35	.33	.31	.29				.33	.30	.28					.31	.28	.26	.23						
soybeans w/cc		.25							.24	.20	.17	.14				.22	.19	.17	.14	.12	.09	.07			
1 year meadow	.27	.18	.26	.24					.16	.14	.12					.16	.14	.12	.10	.09	.08	.07			
estab. meadow	.25	.15	.24	.22					.15	.13						.14	.12	.11	.10	.09	.08	.07			
wheat	.30	.25	.28	.23	.19	.16	.13		.24	.21	.18	.15	.12			.23	.19	.16	.13	.11	.09	.07			
oats	.37	.29	.35	.28	.23	.19	.16		.28	.24	.20	.17	.14			.27	.22	.18	.15	.12	.10	.08			
sugarbeets																									
tobacco	.45	.45	.44	.39					.44	.39						.43	.38								
tobacco w/cc		.23							.22	.18	.15	.13				.21	.17	.14	.12	.10					
wheat/dbl. crop Sb	.28	.23	.26	.21	.18	.16			.22	.18	.16	.14				.20	.16	.13	.11	.10	.08				

	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE Till
	FALL	SPRG																							
			<10	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
Wheat w/Double Crop Soybeans >20" After: ("C" Factor for Wheat Establishment - Assumes No Till Double Crop Sb)																									
Soybeans >20"	.13		.11	.10	.09	.08	.07	.06								.09	.08	.07	.06	.05	.04	.03	.03	.02	
Wheat w/Double Crop Soybeans <20" After: ("C" Factor for Wheat Establishment - Assumes No Till Double Crop Sb)																									
Soybeans <20"	.13		.11	.10	.09	.08	.07	.06								.09	.08	.07	.06	.05	.04	.03	.03	.02	

Established Meadow - Use 0.01 for average stands and .007 for good to excellent stands.

Note: Crops following a crop with a cover crop assumes the cover crop is killed or tilled at a height of 12" - 15" (Late April - Early May).

Table 6 - Ohio C Factor Zone 103 B

Continuous No Till "C" Factors (No Till 4 or More Years)

No Till Corn Grain After:	No Till % Cover After Planting									
	<10	10	20	30	40	50	60	70	80	90
Corn Grain				.06	.04	.032	.026	.02	.01	
Corn Silage	.24	.20	.17							
Corn Silage w/cc				.09	.075	.06	.046	.03		
Soybeans			.13	.115	.10	.075	.06			
Soybeans w/cc					.059	.04	.025	.013		
Wheat					.048	.055	.025	.013		

No Till Wheat After:	No Till % Cover After Planting									
	<10	10	20	30	40	50	60	70	80	90
Corn Grain					.016	.011	.008	.005	.003	
Corn Silage	.09	.069	.05	.034						
Corn Silage w/cc										
Soybeans						.027	.22	.019	.016	
Soybeans w/cc										
Wheat										

No Till Corn Silage After:	No Till % Cover After Planting									
	<10	10	20	30	40	50	60	70	80	90
Corn Grain				.06	.04	.032	.026	.02	.01	
Corn Silage	.20	.18	.15							
Corn Silage w/cc				.10	.086	.076	.062	.05		
Soybeans		.23	.19	.15	.111					
Soybeans w/cc				.08	.059	.045	.035	.028		
Wheat					.053	.035	.025	.014		

No Till Alfalfa After:	No Till % Cover After Planting									
	<10	10	20	30	40	50	60	70	80	90
Corn Grain						.015	.012	.009	.006	
Corn Silage	.17	.151	.13							
Corn Silage w/cc										
Soybeans				.07	.055	.042				
Soybeans w/cc										
Wheat						.014	.011	.009		

No Till Soybeans After:	No Till % Cover After Planting									
	<10	10	20	30	40	50	60	70	80	90
Corn Grain					.04	.026	.012	.009	.006	
Corn Silage	.229	.156	.138							
Corn Silage w/cc				.094	.075	.068				
Soybeans			.097	.086	.071	.062				
Soybeans w/cc					.062	.043	.025			
Wheat						.045	.04	.036	.03	

Note: Crops following a crop with a cover crop assumes the cover crop is killed or tilled at a height of 12" - 15" (Late April - Early May).

Table 6 - Ohio C Factor Zone 104

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE Till
	FALL	SPRG																							
Corn Grain After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.26	.20	.22	.18	.14	.12	.09	.08	.18	.15	.13	.11	.08	.07	.06	.18	.14	.11	.08	.06	.05	.04	.03	.02	.10
corn silage	.40	.39	.38	.33					.37	.33						.34	.24	.18	.14						.30
corn silage w/cc		.21							.18	.15	.13	.10	.08	.07	.06	.18	.14	.11	.09	.08	.07	.06	.05	.04	.10
soybeans	.38	.29	.32	.25	.23	.21			.26	.22	.19					.25	.20	.16	.12	.10	.09	.08	.07	.06	.19
soybeans w/cc		.23							.22	.19	.16	.12	.10	.08	.07	.20	.16	.14	.10	.08	.07	.06	.05	.04	.12
1 year meadow	.22	.15	.21	.18	.15	.11	.09	.07	.15	.13	.10	.08	.06	.05	.04	.15	.13	.10	.08	.06	.05	.04	.03	.02	
estab. meadow	.21	.10	.17	.15	.13				.10	.09	.08	.06	.05	.04	.03	.10	.08	.07	.06	.05	.04	.03	.02	.01	
wheat	.27	.19	.23	.18	.15	.12	.09	.07	.15	.13	.12	.10	.08	.06	.05	.14	.11	.09	.07	.06	.05	.04	.03	.02	
oats	.33	.23	.29	.24	.19	.15	.12	.09	.21	.19	.16	.13	.11	.09	.07	.21	.18	.14	.11	.08	.07	.06	.05	.04	
sugarbeets	.36	.36	.35	.30					.34	.29						.32	.28								
tobacco	.36	.36	.35	.30					.34	.29						.33	.29								
tobacco w/cc		.21							.20	.19	.17	.14	.12	.10		.20	.18	.16	.12	.11	.09	.07	.06	.05	
wheat/dbl. crop Sb	.24	.17	.21	.17	.13	.11	.09	.07	.17	.14	.12	.10	.08	.07	.06	.17	.13	.11	.08	.06	.05	.04	.03	.02	
Corn Silage After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.27	.19	.23	.19	.15	.12	.10	.09	.20	.18	.14	.12	.10	.08	.06	.18	.14	.08	.07	.06	.05	.04	.03	.02	.10
corn silage	.41	.41	.39	.34					.39	.34						.35	.27	.20	.15						.32
corn silage w/cc		.24							.23	.21	.18	.15	.12	.10	.08	.20	.14	.12	.11	.10	.09	.08	.07	.06	.15
soybeans	.38	.28	.32	.26	.24	.22			.26	.23	.20	.18				.26	.23	.19	.16	.14	.11	.10			.22
soybeans w/cc		.22							.21	.19	.16	.14	.11	.09	.07	.21	.17	.14	.12	.10	.08	.06	.04	.03	.14
1 year meadow	.23	.14	.21	.18	.16	.14			.15	.12	.09	.08				.14	.11	.09	.08	.07	.06	.05	.04		
estab. meadow	.21	.10	.17	.15	.13	.11			.10	.09	.08	.07	.06	.05	.04	.10	.08	.07	.06	.05	.04	.03	.02	.01	
wheat	.28	.21	.24	.19	.14	.12	.10	.08	.20	.16	.13	.10	.08	.06	.05	.16	.13	.10	.07	.06	.05	.04	.03	.02	
oats	.34	.24	.31	.21	.18	.15	.12	.09	.23	.20	.17	.14	.11	.08	.06	.20	.17	.14	.12	.09	.07	.05	.04	.03	
sugarbeets																									
tobacco	.38	.38	.37	.32	.29				.37	.32	.27					.34	.29	.24							
tobacco w/cc		.22							.21	.18	.16	.14	.12	.10	.08	.20	.18	.16	.13	.11	.09	.07	.05	.04	
wheat/dbl. crop Sb	.24	.17	.21	.17	.13	.11	.09	.07	.17	.14	.12	.10	.08	.07	.06	.17	.13	.11	.08	.06	.05	.04	.03	.02	

Note: Crops following a crop with a cover crop assumes the cover crop is tilled or killed at a height of 12" - 15" (Late April - Early May).

Table 6 - Ohio C Factor Zone 104

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE Till
	FALL	SPRG																							
Soybeans >20" After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.27	.20	.24	.16	.13	.11	.10	.08	.19	.14	.11	.09	.08	.07	.06	.18	.12	.09	.07	.06	.05	.04	.03	.02	.10
corn silage	.41	.39	.39	.34	.30				.38	.33	.30					.36	.28	.20	.17						.30
corn silage w/cc		.25							.24	.22	.19	.17	.15			.23	.21	.18	.16	.14	.12	.10	.09		.16
soybeans	.40	.29	.38	.32	.25	.22			.28	.25	.22	.20				.27	.21	.16	.13	.11	.09	.07	.06		.20
soybeans w/cc		.24							.23	.20	.15	.12	.10			.22	.18	.15	.12	.10	.08	.07	.06		.12
1 year meadow	.21	.17	.19	.17	.15	.13			.16	.14	.12	.10				.15	.12	.09	.07	.06	.05	.04	.03		
estab. meadow	.21	.11	.19	.16	.14	.11			.11	.09	.07	.05				.11	.09	.07	.05	.04	.03	.02	.01		
wheat	.28	.19	.26	.21	.16	.12			.17	.14	.11	.09	.08			.17	.14	.11	.08	.07	.06	.05	.04	.03	
oats	.34	.24	.33	.27	.20	.15	.12		.23	.19	.15	.14	.12			.22	.18	.14	.11	.08	.07	.06	.05	.04	
sugarbeets	.37	.36	.35	.33					.34	.31						.34	.30	.26							
sugarbeets w/cc		.24							.23	.21	.17	.15				.22	.19	.16	.14	.12	.10	.08	.07	.06	
tobacco	.37	.36	.37	.34					.35	.33						.33	.30								
tobacco w/cc		.21							.19	.17	.14	.12				.18	.16	.14	.12	.10	.08	.07	.06	.05	
wheat/dbl. crop Sb	.25	.17	.23	.19	.16	.12	.09		.16	.14	.12	.10	.08			.14	.12	.10	.08	.07	.06	.05	.04	.03	
Soybeans <20" After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.22	.14	.21	.15	.10	.08	.07	.06	.13	.11	.09	.07	.06	.05	.04	.13	.10	.08	.06	.05	.04	.03	.02	.01	
corn silage	.35	.33	.33	.31	.29				.31	.29	.27					.29	.22	.16	.15						
corn silage w/cc		.19							.19	.17	.15	.13	.11			.19	.16	.14	.12	.10	.08	.07	.06	.05	
soybeans	.32	.20	.30	.25	.18	.16	.14		.19	.17	.15	.13	.11			.19	.17	.15	.12	.10	.08	.07	.06	.05	
soybeans w/cc		.17							.16	.13	.12	.11	.09			.15	.14	.13	.11	.09	.07	.06	.05	.04	
1 year meadow	.19	.15	.18	.17	.16	.14			.14	.12	.10	.08				.13	.11	.09	.07	.06	.05	.04	.03	.02	
estab. meadow	.17	.14	.16	.15	.14	.12			.13	.11	.09	.07				.12	.10	.08	.06	.05	.04	.03	.02	.01	
wheat	.23	.14	.21	.17	.13	.09	.07	.06	.13	.11	.09	.07	.06	.05	.04	.12	.10	.08	.07	.06	.05	.04	.03	.02	
oats	.29	.18	.28	.23	.18	.12	.09	.07	.17	.15	.12	.10	.08	.06	.05	.16	.14	.12	.10	.08	.06	.05	.04	.03	
sugarbeets	.30	.29	.28	.26					.28	.26						.27	.25								
sugarbeets w/cc		.21							.20	.18	.15	.13	.11			.19	.17	.15	.13	.11	.09	.08	.07	.06	
tobacco	.31	.30	.31	.29					.30	.28						.29	.27								
tobacco w/cc		.22							.21	.16	.12	.10				.20	.16	.12	.10	.09	.08	.07	.06	.05	
wheat/dbl. crop Sb	.20	.12	.18	.15	.12	.09	.07	.06	.11	.10	.09	.08	.07	.06	.05	.10	.09	.08	.07	.06	.05	.04	.03	.02	

Note: Crops following a crop with a cover crop assumes the cover crop is tilled or killed at a height of 12" - 15" (Late April - Early May).

Table 6 - Ohio C Factor Zone 104

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE Till
	FALL	SPRG																							
1st Year Meadow After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.16	.11	.13	.11	.08	.07	.06	.05	.10	.09	.07	.06	.05	.04	.03	.09	.08	.07	.06	.05	.04	.03	.02	.01	
corn silage	.26	.24	.25	.20	.17	.15			.23	.19	.16	.14				.20	.16	.13	.11						
corn silage w/cc		.21							.21	.17	.15	.13				.20	.17	.14	.12	.10	.08	.07	.06		
soybeans	.24	.17	.22	.15	.13	.11			.16	.13	.11	.09				.13	.11	.09	.07	.06	.05	.04	.03	.02	
soybeans w/cc		.14							.14	.12	.11	.09				.13	.11	.09	.07	.06	.05	.04	.03	.02	
1 year meadow	.10	.11	.09	.07	.05	.03			.10	.09	.08	.06	.05			.09	.08	.07	.06	.05	.04	.03	.02		
estab. meadow	.07	.08	.07	.06	.04	.03			.07	.06	.05	.04	.03			.07	.06	.05	.04	.03	.02	.01			
wheat	.10	.11	.09	.07	.06	.05			.10	.09	.08	.07	.06			.09	.08	.07	.06	.05	.04	.03	.02		
oats	.11	.12	.10	.08	.07	.06			.11	.10	.09	.08	.07	.06		.10	.09	.08	.07	.06	.05	.04	.03		
sugarbeets	.23	.22	.21	.19					.21	.18						.20	.17								
tobacco	.24	.23	.23	.21					.22	.20						.21	.19								
tobacco w/cc		.16							.16	.14	.12	.10	.09			.16	.14	.12	.10	.08	.07	.06	.05	.04	
wheat/dbl. crop Sb	.14	.09	.11	.09	.06	.05	.04	.03	.08	.07	.05	.04	.03	.02		.08	.06	.05	.04	.03	.02	.01			
Wheat After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.09		.08	.06	.05	.04	.03	.02								.07	.06	.05	.04	.03	.02	.01			
corn silage	.15		.13	.11	.09	.07										.12	.10	.09	.07						
corn silage w/cc																									
soybeans	.13		.12	.10	.08	.06	.05	.04								.11	.09	.07	.06	.05	.04	.03	.02	.01	
soybeans w/cc																									
1 year meadow	.13		.12	.10	.08	.06	.05	.04								.11	.08	.07	.06	.05	.04	.03	.02	.01	
estab. meadow	.10		.09	.07	.06	.05	.04	.03								.08	.06	.05	.04	.03	.02	.01			
wheat																									
oats	.16		.15	.11	.09	.07	.06	.05								.14	.10	.08	.07	.06	.05	.04	.03	.02	
sugarbeets	.12		.12	.10												.11	.09	.07							
tobacco	.11		.11	.09												.10	.08	.06							
tobacco w/cc																									
wheat/dbl. crop Sb																									

Note: First year meadow is established at the first optimum planting date after the crop and tillage it follows.
For Example: Meadow after corn would be spring seeded, meadow after wheat, oats, or meadow would be seeded on the summer following summer tillage or in the spring following spring tillage.

Table 6 - Ohio C Factor Zone 104

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING									RIDGE Till
	FALL	SPRG																							
Oats After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.14	.09	.12	.10	.08	.06	.05	.04	.08	.07	.06	.05	.04	.03	.02	.07	.06	.05	.04	.03	.02	.01			
corn silage	.24	.24	.21	.17	.13				.21	.17	.13					.20	.16	.12	.08						
corn silage w/cc																									
soybeans	.22	.14	.21	.17	.12	.09	.07		.14	.12	.10	.08	.06			.14	.12	.10	.08	.05	.04	.03	.02		
soybeans w/cc																									
1 year meadow	.14	.09	.13	.12	.11	.10			.09	.08	.07	.06	.05			.09	.08	.06	.05	.04	.03	.02	.01		
estab. meadow	.12	.07	.11	.10	.09	.08			.07	.06	.05	.04	.03			.07	.06	.05	.04	.03	.02	.01			
wheat	.16	.11	.15	.12	.09	.08	.06		.10	.08	.06	.05	.04			.10	.08	.06	.05	.04	.03	.02	.01		
oats																									
sugarbeets	.19	.19	.18	.16					.18	.16						.17	.13								
tobacco	.24	.24	.24	.22					.24	.22						.22	.16								
tobacco w/cc																									
wheat/dbl. crop Sb	.13	.09	.12	.11	.10	.09	.08	.07	.09	.08	.07	.06	.05	.04	.03	.09	.08	.07	.06	.05	.04	.03	.02	.01	
Sugarbeets After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.28	.20	.27	.23	.19	.14	.11		.20	.18	.16	.13	.11	.09		.20	.18	.16	.13	.11	.09	.07	.05		
corn silage	.41	.40	.40	.38					.39	.37						.38	.35								
corn silage w/cc		.23							.22	.20	.18	.16	.14			.21	.19	.17	.15	.13	.11	.09	.07		
soybeans	.40	.29	.38	.30	.25	.23			.29	.27	.25	.24				.28	.25	.23	.21	.19					
soybeans w/cc		.21							.20	.19	.17	.15				.19	.17	.15	.13	.11	.10	.09			
1 year meadow	.24	.20	.22	.19	.16	.14			.19	.17	.15	.13				.18	.16	.14	.12	.09	.08				
estab. meadow	.21	.12	.20	.17	.15	.13	.11		.12	.11	.10	.09	.08			.11	.10	.09	.08	.07	.06	.05	.04		
wheat	.32	.23	.31	.26	.20	.14	.12		.21	.18	.15	.13	.11			.21	.18	.15	.13	.11	.09	.08			
oats	.35	.25	.33	.28	.22	.16	.14		.24	.19	.16	.14	.12			.23	.19	.16	.14	.12	.10	.09			
sugarbeets																									
tobacco																									
tobacco w/cc																									
wheat/dbl. crop Sb	.22	.19	.21	.18	.16	.14	.12		.18	.16	.14	.12	.10			.17	.15	.13	.11	.09	.07	.05			

Note: Crops following a crop with a cover crop assumes the cover crop is tilled or killed at a height of 12" - 15" (Late April - Early May).

Table 6 - Ohio C Factor Zone 104

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING								
	FALL	SPRG																						
Tobacco After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**
corn grain	.31	.23	.30	.25	.21	.18	.15	.13	.21	.19	.17	.16	.14	.12		.20	.18	.16	.14	.12	.10	.08		
corn silage	.45	.45	.43	.38	.34				.43	.38	.33					.39	.34	.29						
corn silage w/cc		.26							.25	.23	.20	.18	.16	.13		.22	.20	.18	.15	.13	.10	.08	.06	
soybeans	.42	.31	.41	.39	.37				.29	.27	.25					.28	.26	.24	.22					
soybeans w/cc		.23							.21	.19	.16	.13				.20	.18	.16	.12	.10	.08	.06		
1 year meadow	.27	.16	.26	.23					.16	.14	.12					.16	.13	.11	.09	.07	.06	.05		
estab. meadow	.24	.14	.23	.21					.14	.12						.14	.12	.10	.08	.06	.05			
wheat	.30	.22	.28	.23	.18	.15	.12		.21	.18	.15	.13	.11			.16	.13	.11	.09	.07	.06			
oats	.37	.26	.35	.28	.23	.18	.15		.25	.21	.18	.16	.14			.24	.20	.17	.14	.11	.09			
sugarbeets																								
tobacco	.44	.42	.43	.38					.41	.36						.41	.36							
tobacco w/cc		.21							.20	.17	.14	.12				.19	.16	.13	.11	.09				
wheat/dbl. crop Sb	.27	.21	.25	.21	.18	.15			.20	.17	.15	.13				.18	.15	.12	.10	.09	.08			
	CLEAN TILL		FALL MULCH TILL % COVER AFTER PLANTING						SPRING MULCH TILL % COVER AFTER PLANTING							NO TILL % COVER AFTER PLANTING								
	FALL	SPRG																						
			<10	10	20	30	40	50	<10	10	20	30	40	50	60	<10	10	20	30	40	50	60	70	80
Wheat w/Double Crop Soybeans >20" After: ("C" Factor for Wheat Establishment - Assumes No Till Double Crop Sb)																								
Soybeans >20"	.14		.13	.12	.11	.09	.07	.05								.10	.09	.08	.07	.06	.05	.04	.04	
Wheat w/Double Crop Soybeans <20" After: ("C" Factor for Wheat Establishment - Assumes No Till Double Crop Sb)																								
Soybeans <20"	.14		.13	.12	.11	.09	.07	.05								.10	.09	.08	.07	.06	.05	.04	.04	
Established Meadow - Use 0.01 for average stands and .007 for good to excellent stands.																								
Note: Crops following a crop with a cover crop assumes the cover crop is tilled or killed at a height of 12" - 15" (Late April - Early May).																								

Table 6 - Ohio C Factor Zone 104

Continuous No Till "C" Factors (No Till 4 or More Years)

	No Till % Cover After Planting									
No Till Corn Grain After:	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
Corn Grain					.035	.03	.02	.016	.01	
Corn Silage	.23	.19	.16							
Corn Silage w/cc					.075	.062	.049	.04	.03	
Soybeans			.12	.105	.09	.08				
Soybeans w/cc				.07	.055	.04	.023	.012		
Wheat					.045	.035	.025	.015		

	No Till % Cover After Planting									
No Till Wheat After:	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
Corn Grain					.018	.015	.011	.005	.003	
Corn Silage		.073	.05	.037						
Corn Silage w/cc										
Soybeans						.03	.025	.02	.017	
Soybeans w/cc										
Wheat										

	No Till % Cover After Planting									
No Till Corn Silage After:	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
Corn Grain				.05	.035	.03	.02	.016	.01	
Corn Silage	.19	.17	.15							
Corn Silage w/cc				.10	.089	.077	.066	.06		
Soybeans		.216	.17	.14	.104	.08				
Soybeans w/cc					.059	.05	.04	.031		
Wheat					.051	.035	.025	.013		

	No Till % Cover After Planting									
No Till Alfalfa After:	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
Corn Grain					.02	.014	.012	.009	.006	
Corn Silage	.17	.15	.13							
Corn Silage w/cc										
Soybeans				.07	.051	.04	.03	.02		
Soybeans w/cc										
Wheat					.02	.014	.012	.009		

	No Till % Cover After Planting									
No Till Soybeans After:	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
Corn Grain					.035	.023	.011	.008	.005	
Corn Silage	.217	.145	.126							
Corn Silage w/cc				.095	.084	.072				
Soybeans			.085	.078	.066	.05				
Soybeans w/cc					.049	.035	.02	.01		
Wheat						.041	.037	.035		

Note: Crops following a crop with a cover crop assumes the cover crop is tilled or killed at a height of 12" - 15" (Late April - Early May).

Table 6 - Ohio C Factor Zone 111

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL						SPRING MULCH TILL							NO TILL									RIDGE
	FALL	SPRG	% COVER AFTER PLANTING						% COVER AFTER PLANTING							% COVER AFTER PLANTING									Till
Corn Grain After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.24	.21	.21	.17	.14	.12	.10	.08	.18	.15	.13	.11	.09	.07	.06	.18	.14	.11	.09	.06	.05	.04	.03	.02	.11
corn silage	.37	.36	.36	.32					.35	.30						.34	.28	.20	.16						.30
corn silage w/cc		.21							.18	.15	.13	.11	.09	.07	.06	.18	.14	.11	.09	.08	.07	.06	.05	.04	.11
soybeans	.34	.30	.32	.27	.24				.28	.23	.20					.27	.22	.17	.13	.09	.08	.07	.06	.05	.18
soybeans w/cc		.23							.22	.19	.16	.12	.10	.08	.07	.19	.15	.11	.10	.08	.06	.05	.04	.03	.12
1 year meadow	.20	.14	.19	.16	.13	.10	.08	.06	.14	.12	.10	.08	.06	.05	.04	.14	.11	.09	.08	.07	.05	.03	.02	.01	
estab. meadow	.19	.12	.17	.14	.11	.09			.12	.10	.08	.06	.04	.03	.02	.12	.11	.09	.07	.05	.04	.03	.02	.01	
wheat	.25	.21	.22	.18	.15	.12	.09	.07	.20	.16	.13	.10	.08	.06	.04	.18	.13	.11	.09	.07	.06	.05	.04	.03	
oats	.30	.25	.25	.18	.15	.13	.11	.09	.22	.19	.16	.13	.11	.09	.07	.22	.17	.14	.11	.09	.07	.06	.05	.04	
sugarbeets	.36	.36	.35	.30					.35	.30						.35	.28								
tobacco	.34	.34	.33	.27					.32	.26						.30	.26								
tobacco w/cc		.20							.20	.18	.15	.12	.10			.20	.18	.14	.11	.09	.08	.06			
wheat/dbl. crop Sb	.23	.19	.20	.16	.14	.12	.10	.08	.18	.15	.13	.10	.08	.06	.05	.18	.14	.10	.08	.06	.05	.04	.03	.02	
Corn Silage After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.25	.21	.22	.18	.15	.13	.10	.08	.21	.18	.15	.13	.10	.08	.07	.18	.14	.11	.09	.06	.05	.04	.03	.02	.11
corn silage	.37	.36	.35	.31					.35	.31						.35	.29	.22	.17						.30
corn silage w/cc		.24							.23	.20	.17	.14	.11	.09	.07	.18	.13	.11	.10	.09	.08	.07	.06	.05	.11
soybeans	.35	.29	.27	.26	.24	.22			.25	.23	.21	.19				.23	.21	.17	.15	.13	.11	.09	.08	.07	.20
soybeans w/cc		.23							.22	.19	.16	.13	.10	.08	.06	.21	.17	.14	.12	.11	.09	.07	.06	.05	.13
1 year meadow	.21	.14	.20	.17	.15	.13			.14	.13	.11	.10				.14	.11	.09	.08	.07	.06	.05	.04	.03	
estab. meadow	.19	.12	.17	.14	.11				.12	.11	.09	.07				.12	.11	.09	.07	.05	.04	.03	.02	.01	
wheat	.26	.23	.23	.19	.15	.13	.11	.09	.19	.15	.13	.11	.09	.07	.06	.20	.16	.12	.08	.07	.06	.05	.04	.03	
oats	.31	.26	.28	.21	.17	.13	.11	.09	.24	.21	.18	.15	.12	.08	.06	.23	.19	.16	.12	.09	.07	.06	.05	.04	
sugarbeets																									
tobacco	.35	.35	.34	.30	.25				.34	.30	.25					.32	.28	.22							
tobacco w/cc		.21							.20	.18	.15	.13	.11	.09	.07	.20	.18	.15	.13	.11	.09	.07	.05		
wheat/dbl. crop Sb	.23	.19	.20	.16	.14	.12	.10	.08	.18	.15	.13	.10	.08	.06	.05	.18	.14	.10	.08	.06	.05	.04	.03	.02	

Note: Crops following a crop with a cover crop assumes the cover crop is tilled or killed at a height of 12" - 15" (Late April or Early May).

Table 6 - Ohio C Factor Zone 111

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL						SPRING MULCH TILL							NO TILL									RIDGE
	FALL	SPRG	% COVER AFTER PLANTING						% COVER AFTER PLANTING							% COVER AFTER PLANTING									Till
Soybeans >20" After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.25	.21	.22	.17	.14	.12	.10	.08	.20	.14	.11	.09	.08	.07	.06	.18	.12	.09	.07	.06	.05	.04	.03	.02	.10
corn silage	.38	.37	.36	.31					.36	.31						.34	.28	.21	.17						.30
corn silage w/cc		.25							.24	.21	.18	.16	.14			.23	.20	.17	.15	.13	.11	.09	.08		.15
soybeans	.37	.31	.35	.30	.24	.21			.30	.27	.23	.20				.28	.23	.18	.13	.08	.06	.05	.04		.20
soybeans w/cc		.25							.24	.21	.14	.11	.09			.23	.19	.15	.11	.09	.07	.06	.05		.10
1 year meadow	.20	.18	.18	.16	.14	.12			.17	.15	.13	.11				.16	.14	.12	.10	.08	.06	.05	.04		
estab. meadow	.20	.11	.19	.15	.13	.11			.11	.09	.07	.05				.11	.09	.07	.06	.05	.04	.03	.02	.01	
wheat	.27	.21	.25	.20	.16	.11	.09		.19	.16	.13	.10	.08			.19	.15	.12	.09	.07	.05	.04	.03	.02	
oats	.32	.26	.31	.26	.21	.15	.13		.25	.21	.18	.14	.10			.23	.20	.17	.13	.09	.06	.05	.04	.03	
sugarbeets	.34	.33	.32	.29					.32	.29						.31	.28								
sugarbeets w/cc		.24							.23	.20	.16	.14	.12			.22	.19	.15	.13	.11	.09	.06	.05		
tobacco	.34	.33	.34	.31					.32	.30						.30	.27								
tobacco w/cc		.20							.19	.16	.14	.12	.10			.18	.15	.13	.11	.09	.07	.06	.05		
wheat/dbl. crop Sb	.24	.19	.22	.19	.16	.12	.09		.18	.15	.13	.11	.09			.16	.13	.10	.07	.06	.05	.04	.03	.02	
Soybeans <20" After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.19	.15	.18	.15	.10	.08	.07		.15	.13	.10	.07	.06	.05		.14	.12	.09	.06	.05	.04	.03	.02	.01	
corn silage	.30	.29	.29	.27	.25				.27	.25	.23					.27	.23	.18	.14						
corn silage w/cc		.18							.18	.16	.13	.11	.09			.17	.15	.12	.10	.08	.07	.06	.05	.04	
soybeans	.27	.21	.26	.22	.16	.14	.12		.20	.17	.15	.13	.11			.19	.16	.14	.12	.10	.08	.07	.06		
soybeans w/cc		.17							.16	.14	.12	.10	.08			.16	.14	.12	.10	.08	.06	.05	.04		
1 year meadow	.17	.15	.16	.14	.12	.10			.15	.13	.11	.09				.14	.12	.10	.08	.06	.05	.04	.03	.02	
estab. meadow	.16	.14	.15	.13	.11	.09			.14	.12	.10	.08				.13	.11	.09	.07	.05	.04	.03	.02	.01	
wheat	.20	.15	.19	.16	.13	.10	.07		.15	.13	.11	.09	.08	.06	.05	.13	.11	.09	.08	.07	.06	.05	.04	.03	
oats	.25	.19	.24	.21	.16	.12	.09	.07	.18	.15	.12	.10	.08	.06	.05	.17	.15	.12	.10	.08	.06	.05	.04	.03	
sugarbeets	.26	.25	.24	.22					.24	.22						.23	.21								
sugarbeets w/cc		.19							.18	.16	.13	.11	.09			.17	.15	.12	.10	.08	.06	.05	.04		
tobacco	.26	.25	.26	.24					.25	.23						.24	.22								
tobacco w/cc		.16							.15	.13	.11	.09				.15	.13	.11	.09	.06	.04	.03			
wheat/dbl. crop Sb	.17	.12	.15	.13	.11	.09	.07	.05	.11	.09	.07	.06	.05	.04		.10	.08	.07	.06	.05	.04	.03	.02	.01	

Note: Crops following a crop with a cover crop assumes the cover crop is tilled or killed at a height of 12" - 15" (Late April or Early May).

Table 6 - Ohio C Factor Zone 111

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL						SPRING MULCH TILL							NO TILL									RIDGE
	FALL	SPRG	% COVER AFTER PLANTING						% COVER AFTER PLANTING							% COVER AFTER PLANTING									Till
1st Year Meadow After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.14	.10	.13	.11	.08	.06	.05	.04	.09	.08	.06	.05	.04	.03	.02	.08	.07	.06	.05	.04	.03	.02	.01		
corn silage	.21	.19	.20	.18	.16	.14			.18	.16	.14					.17	.13	.11	.09	.07	.05	.04	.03	.02	
corn silage w/cc		.16							.16	.14	.12	.10				.16	.14	.12	.10	.08	.07	.06	.05		
soybeans	.18	.15	.17	.13	.11	.09			.14	.12	.10	.08				.13	.11	.09	.07	.06	.05	.04			
soybeans w/cc		.13							.13	.11	.09	.07				.13	.11	.09	.07	.05	.04	.03	.02		
1 year meadow	.10	.11	.10	.08	.06	.04			.11	.09	.07	.05				.10	.07	.04	.03	.02	.01				
estab. meadow	.09	.07	.09	.07	.05	.04			.07	.05	.04	.03				.07	.05	.04	.03	.02	.01				
wheat	.10	.11	.10	.08	.07	.06			.11	.09	.08	.07	.06	.05		.10	.08	.07	.06	.05	.04	.03	.02	.01	
oats	.12	.13	.11	.09	.08	.07			.13	.11	.09	.08	.07			.11	.09	.08	.07	.06	.05	.04	.03	.02	
sugarbeets	.18	.17	.17	.15					.16	.14						.15	.12								
tobacco	.19	.18	.18	.16					.17	.15						.17	.15								
tobacco w/cc		.14							.14	.12	.10	.08	.06			.13	.11	.09	.07	.05	.04	.03	.02		
wheat/dbl. crop Sb	.12	.08	.11	.09	.06	.04	.03	.02	.07	.06	.04	.03	.02			.06	.05	.04	.03	.02	.01				
Wheat After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.06		.05	.04	.04	.03	.02	.01								.05	.04	.04	.03	.03	.02	.02	.01	.01	
corn silage	.12		.11	.08	.06	.04										.09	.06	.04	.03						
corn silage w/cc																									
soybeans	.09		.08	.07	.06	.05	.04	.03								.08	.07	.06	.05	.03	.02	.02	.01		
soybeans w/cc																									
1 year meadow	.11		.11	.08	.06	.04										.10	.07	.05	.04	.03	.02	.01			
estab. meadow	.07		.07	.06	.04	.03	.02									.07	.06	.04	.03	.02	.01				
wheat																									
oats	.13		.12	.09	.06	.04	.03									.11	.09	.06	.04	.03	.03	.02	.01		
sugarbeets	.09		.09	.07												.09	.07	.05							
tobacco	.09		.09	.07												.09	.07	.05							
tobacco w/cc																									
wheat/dbl. crop Sb																									

Note: First year meadow is established at the first optimum planting period following the crop or time of tillage.
For Example: meadow established after corn would be spring seeded, meadow established after wheat, oats, or meadow would be summer seeded following summer tillage and spring seeded following spring tillage.

Table 6 - Ohio C Factor Zone 111

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL						SPRING MULCH TILL							NO TILL									RIDGE
	FALL	SPRG	% COVER AFTER PLANTING						% COVER AFTER PLANTING							% COVER AFTER PLANTING									Till
Oats After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.11	.09	.10	.08	.06	.05	.04	.03	.08	.06	.05	.05	.04	.03	.02	.08	.06	.05	.04	.03	.03	.02	.01		
corn silage	.19	.19	.16	.14	.10				.16	.14	.10					.16	.10	.07	.04						
corn silage w/cc																									
soybeans	.16	.13	.15	.13	.10	.08	.06		.13	.11	.09	.07	.05			.13	.11	.09	.07	.05	.04	.03			
soybeans w/cc																									
1 year meadow	.11	.08	.10	.09	.08	.07			.08	.07	.06	.05	.04			.08	.07	.06	.05	.04	.03	.02	.01		
estab. meadow	.10	.07	.09	.08	.07	.06			.07	.06	.05	.04	.03			.07	.06	.05	.04	.03	.02	.01			
wheat	.12	.09	.11	.08	.06	.05			.08	.06	.05	.04	.03			.08	.06	.05	.04	.03	.02	.01			
oats																									
sugarbeets	.15	.15	.14	.12					.14	.12						.13	.11								
tobacco	.20	.20	.20	.18					.20	.18						.18	.16								
tobacco w/cc																									
wheat/dbl. crop Sb	.10	.08	.09	.08	.07	.06	.05	.04	.08	.07	.06	.05	.04	.03	.02	.08	.07	.06	.05	.04	.03	.02	.01		
Sugarbeets After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	
corn grain	.26	.22	.25	.21	.18	.14	.12		.21	.18	.15	.13	.11			.20	.18	.15	.13	.11	.09	.07	.05		
corn silage	.39	.38	.38	.36					.37	.35						.36	.33								
corn silage w/cc		.24							.23	.20	.17	.15	.13	.11		.21	.19	.17	.15	.13	.11	.09	.07		
soybeans	.37	.31	.36	.28	.26	.24			.30	.28	.26	.24				.29	.27	.24	.22	.20					
soybeans w/cc		.22							.21	.19	.17	.15	.13			.20	.18	.16	.14	.12	.10	.09			
1 year meadow	.23	.21	.21	.19	.16	.14			.20	.18	.16	.14				.19	.16	.13	.11	.09					
estab. meadow	.20	.13	.19	.17	.15	.13	.11		.13	.12	.11	.10	.09			.12	.11	.10	.09	.08	.07	.06	.05		
wheat	.31	.26	.30	.25	.20	.15	.12		.24	.21	.17	.14	.12			.24	.21	.17	.14	.12	.10	.09	.08		
oats	.32	.27	.31	.26	.21	.16	.13		.26	.22	.18	.16	.13			.25	.22	.18	.15	.13	.11	.10	.09		
sugarbeets																									
tobacco																									
tobacco w/cc																									
wheat/dbl. crop Sb	.21	.18	.20	.18	.16	.14	.12		.17	.15	.13	.12	.10			.16	.14	.13	.11	.09	.07	.06	.05		

Note: Crops following a crop with a cover crop assumes the cover crop is tilled or killed at a height of 12" - 15" (Late April or Early May).

Table 6 - Ohio C Factor Zone 111

CROP SEQENCE	CLEAN TILL		FALL MULCH TILL						SPRING MULCH TILL							NO TILL								
	FALL	SPRG	% COVER AFTER PLANTING						% COVER AFTER PLANTING							% COVER AFTER PLANTING								
Tobacco After:			**<10**	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**
corn grain	.30	.26	.29	.25	.21	.18	.15	.14	.24	.21	.18	.17	.15	.13		.23	.20	.17	.15	.13	.10	.08		
corn silage	.43	.43	.41	.36	.31				.41	.36	.31					.37	.32	.27						
corn silage w/cc		.26							.25	.22	.19	.17	.15	.13		.24	.21	.18	.16	.14	.11	.09	.07	
soybeans	.40	.34	.38	.32	.28				.32	.29	.27					.30	.28	.23	.18					
soybeans w/cc		.24							.22	.20	.17	.14				.21	.18	.16	.14	.12	.09	.06		
1 year meadow	.26	.16	.25	.23	.20				.16	.14	.12					.16	.14	.12	.10	.09	.08	.07		
estab. meadow	.23	.15	.23	.20	.18				.15	.13	.11					.15	.13	.11	.09	.07	.06			
wheat	.30	.25	.28	.23	.19	.16	.13		.24	.20	.16	.14	.11			.22	.18	.16	.13	.11	.08	.07		
oats	.35	.29	.33	.28	.23	.18	.15		.28	.23	.20	.17	.14			.26	.21	.18	.15	.12	.10			
sugarbeets																								
tobacco	.42	.42	.42	.38					.41	.38						.41	.37							
tobacco w/cc		.22							.21	.18	.14	.12				.20	.17	.13	.11	.09	.07			
wheat/dbl. crop Sb	.26	.23	.24	.21	.18	.15			.21	.18	.16	.14				.19	.16	.12	.10	.09	.08			

	CLEAN TILL		FALL MULCH TILL						SPRING MULCH TILL							NO TILL								
	FALL	SPRG	% COVER AFTER PLANTING						% COVER AFTER PLANTING							% COVER AFTER PLANTING								
			<10	**10**	**20**	**30**	**40**	**50**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**
Wheat w/Double Crop Soybeans >20" After: ("C" Factor for Wheat Establishment - Assumes No Till Double Crop Sb)																								
Soybeans >20"	.11		.10	.09	.08	.07	.06	.05								.08	.07	.06	.05	.04	.04	.04	.03	
Wheat w/Double Crop Soybeans <20" After: ("C" Factor for Wheat Establishment - Assumes No Till Double Crop Sb)																								
Soybeans <20"	.11		.10	.09	.08	.07	.06	.05								.08	.07	.06	.05	.04	.04	.04	.03	

Established Meadow - Use 0.01 for average stands and 0.007 for good to excellent stands.

Note: Crops following a crop with a cover crop assumes the cover crop is tilled or killed at a height of 12" - 15" (Late April or Early May).

Table 6 - Ohio C Factor Zone 111

Continuous No Till "C" Factors (No Till 4 or More Years)

	No Till % Cover After Planting									
No Till Corn Grain After:	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
Corn Grain					.034	.03	.023	.015	.01	
Corn Silage	.22	.18	.15							
Corn Silage w/cc				.08	.063	.05	.036	.02		
Soybeans			.11	.095	.087	.07	.06			
Soybeans w/cc				.07	.051	.035	.023	.011		
Wheat				.06	.044	.032	.028	.012		

	No Till % Cover After Planting									
No Till Wheat After:	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
Corn Grain					.012	.009	.006	.004	.002	
Corn Silage	.07	.054	.04	.026						
Corn Silage w/cc										
Soybeans					.03	.021	.018	.015	.012	
Soybeans w/cc										
Wheat										

	No Till % Cover After Planting									
No Till Corn Silage After:	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
Corn Grain				.08	.06	.03	.022	.012	.008	
Corn Silage	.18	.16	.13							
Corn Silage w/cc				.09	.072	.06	.05	.04		
Soybeans		.203	.155	.130	.101	.09				
Soybeans w/cc					.053	.04	.03	.023		
Wheat					.051	.035	.025	.013		

	No Till % Cover After Planting									
No Till Alfalfa After:	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
Corn Grain					.02	.013	.011	.008	.005	
Corn Silage	.14	.123	.10							
Corn Silage w/cc										
Soybeans			.07	.06	.045	.034				
Soybeans w/cc										
Wheat					.02	.013	.01	.008	.005	

	No Till % Cover After Planting									
No Till Soybeans After:	**<10**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**
Corn Grain					.04	.023	.011	.008	.005	
Corn Silage	.193	.132	.116							
Corn Silage w/cc				.077	.066	.054	.042	.03		
Soybeans			.083	.071	.051	.03				
Soybeans w/cc					.041	.027	.02	.01		
Wheat						.041	.036	.033		

Note: Crops following a crop with a cover crop assumes the cover crop is tilled or killed at a height of 12" - 15" (Late April or Early May).

Explanation of Table 6.2 – C Factors for Permanent Grass

RUSLE VERSION:
The "Time Invariant" option in the C Factor routine version 1.05 pre_d was used to develop the C Factors for established grass. The inputs in RUSLE are identified below.

PERMANENT GRASS - ASSUMPTIONS:

- Long-term or permanent grasses.
- For grasses established in recent years, the "Time Invariant" option in RUSLE should be used.
- Relatively smooth soil surface. These values may not apply to rough surfaces, such as might occur from grazing on wet or clayey soils.
- Root masses in the upper 4 inches of the soil surface were calculated at 4000 lbs/ac for High Productivity, 2500 lbs/ac for Medium Productivity, and 1000 lbs/ac for Low Productivity. Since these stands are more permanent than grass in rotation, they may be less productive and contain more weeds. The root mass, therefore, will likely be lower than with grasses in long-term rotation with cultivated crops.

Cover Percent (%):

- Total cover is the sum of ground cover and canopy cover. Note: In this table, total cover does not exceed 100%. It is assumed that ground cover occurring directly under canopy cover will be counted as ground cover.
- Ground cover is any material in contact with the soil surface during rainstorms that intercepts raindrops and affects runoff. It includes live plant material, plant residue, and other material such as gravel, stones, etc.
- Canopy cover is plant material, dead or alive, above the soil surface during rainstorms. Canopy intercepts raindrops but does not affect surface runoff.

Estimating Cover:

- The line transect method can be used. Following standard procedures established for measuring crop residue cover, the line is stretched above the canopy. A hit occurs when canopy or ground cover occurs directly below a point. When both canopy and ground cover occur below a point, only the ground cover is recorded, since it has the greater impact on erosion reduction. After making line transect measurements in various kinds of cover types, one should be able to make visual estimates. Periodic recalibration with line transects will likely be needed.

VIGOR / FERTILITY / PRODUCTIVITY

- Plant vigor, soil fertility and crop productivity of the permanent grasses are grouped into classes high, medium, and low.

- High would be associated with a dense stand of sod forming grasses with good plan vigor, productivity, management practices, soil fertility and soil quality. 4000 lbs/ac aveereage annual root mass in the upper 4 inches of the soil was used in RUSLE calculations.

- Low would be associated with a stand of grass with poor vigor, management and soil quality, as well as low productivity and soil fertility. 1000 lbs/ac average annual root mass in the upper 4 inches was used for RUSLE calculations. The stand would be more open and contain more weeds than stands classed as medium or high.

- Medium would be associated with a stand that fall between high and low. 2500 lbs/ac average annual root mass in the upper 4 inches was used in the RUSLE calculations.

ROUGHNESS:

- The soil surface associated with permanent grasses is assumed to be relatively smooth. A random roughness value of 0.24 inches was used in the RUSLE calculations.

SURFACE COVER FUNCTION, b - Value:

- The b-value of 0.35 was used in RUSLE calculations. This value is associated with permanent grasses on medium and fine textured soils.

CANOPY FALL HEIGHT:

- Average canopy fall height used in RUSLE was 0.3 feet. Fall height is the average distance a raindrop falls to the soil surface after being intercepted by canopy. Live plant material at or near the soil surface is generally assumed to be ground cover in the Time Variant option of RUSLE. Therefore the fall height for grasses was increased from 0.1 to 0.3 feet for the Time Invariant option.

Table 6.2 C Factors for Permanent Pasture

Percent Cover – Ground + Canopy			C Factor Vigor / Fertility / Productivity		
Ground Cover	**Canopy Cover**	**Total Cover**	**High**	**Medium**	**Low**
80-90	10-20	100	.001		
10-70	30-90	100	.002		
50-80	10-40	90	.002	.006	
10-40	50-80	90	.003	.01	
60-70	10-20	80	.002	.006	.018
30-50	30-50	80	.003	.006	.018
10-20	60-70	80	.005	.014	.042
40-60	10-30	70	.003	.009	.029
10-30	40-60	70	.006	.017	.052
40-50	10-20	60		.012	.036
30	30	60		.017	.05
10-20	40-50	60		.022	.068
40	10	50			.045
30	20	50			.057
20	30	50			.072
10	40	50			.088
30	10	40			.064
20	20	40			.081
10	30	40			.102
20	10	30			.091
10	20	30			.116
20	0	20			.101
10	10	20			.129
0	20	20			.164

Table 7. Selection Criteria for Pc Subfactor For Contouring and Cross-slope Farming

Criteria for Selection of Contour Code or Percent Row Grade

Contour Code	Use For	Where
A	**Contour Stripcropping**	the hillslope is relatively undissected by ephemeral gullies and/or concentrated flow channels, and **where** contouring is well designed and contour lines well laid out along the grade
B	**Contour Stripcropping**	the hillslope is moderately dissected by ephemeral gullies and/or concentrated flow channels and, **where** contouring is well designed and contour lines well laid out along the grade
B	**Contouring**	the hillslope is relatively undissected by ephemeral gullies and/or concentrated flow channels, and **where** contouring is well designed and contour lines well laid out along the grade
C	**Contouring**	the hillslope is moderately dissected by ephemeral gullies and/or concentrated flow channels, and **where** contouring is well designed and contour lines well laid out along the grade
Percent Row Grade	**Row grade measured in the field**	the hillslope is highly dissected by ephemeral gullies and/or concentrated flow channels, and **where** a level grade cannot be maintained because of either large equipment or complex topography

Criteria for Selection of Cover Management Condition Code

See Table 8 – Cover Management Conditions

Criteria for Selection of Ridge Height

See Table 9- Guidelines for Selecting Ridge Heights for Contouring

TABLE 8 - COVER MANAGEMENT CONDITIONS

Select the cover and management condition that best describes the condition during the 1/4 of the year when rainfall and runoff are most erosive and the soil is most susceptible to erosion. Use a single Cover Management Condition Code that represents the cropping system or rotation as a whole. Example: For a rotation with 50% forages and not more than 2 years of row crop (CCOHHH) use Cover Management Condition Code 3 – Heavy Cover.

Description of cropland cover-management conditions used in RUSLE for estimating P-factor values.

Cover-Management Condition	Description
Code 1. Established Meadow.	In this condition, the grass is dense and runoff is very slow, about the slowest under any vegetative condition.
Code 2. 1st year meadow, hay.	In this condition, the hay is a mixture of grass and legume just before cutting. The meadow is a good stand of grass that is nearing the end of the first year.
Code 3. Heavy Cover and/or very rough	Ground cover for this condition is about 75 to 95%. Roughness would be like that left by a high clearance moldboard plow on a heavy textured soil. Roughness depressions would have the appearance of being 7 inches deep and deeper. Vegetative hydraulic roughness would be like that from a good legume crop, such as lespedeza, that has not been mowed.
Code 4. Moderate cover and/or rough.	The ground cover for this condition is about 40 to 65%. This roughness would be like that left by a moldboard plow in a medium textured soil. Depressions would have the appearance of being about 4 to 6 inches deep. Vegetative hydraulic roughness would be much like that produced by winter small grain at full maturity.
Code 5. Light cover and/or moderate roughness	Ground cover is between 10 and 35% and the surface roughness is like that left by the first pass of a tandem disk over a medium texture soil that has been moldboard plowed. This roughness could also be much like that left after a chisel plow through a medium textured soil at optimum moisture conditions for tillage. Roughness depressions would have the appearance of being on the order of 2 to 3 inches deep. In terms of hydraulic roughness produced by vegetation, this condition is much like that produced by spring small grain at about three fourths maturity.
Code 6. No cover and/or minimal roughness	This condition is like the condition typically found in row cropped fields after the field has been planted and exposed to a moderately intense rainfall. Ground cover is less than about 5% and the roughness is characteristic of a good seedbed for corn or soybeans. The surface is rougher than that of a finely pulverized seedbed for seeding vegetables or grass.
Code 7. Clean-tilled, smooth, fallow	This condition is essentially bare with a cover of 5% or less. The soil has not had a crop grown on it in the last 6 months or more. Much of the residual effects of previous cropping have disappeared. The surface is smooth, much like the surface exposed to several intense rainfalls. This condition may be found in fallowed and vegetable fields, or in newly sown lawns and hay fields.

TABLE 9 - GUIDELINES FOR SELECTING RIDGE HEIGHTS FOR CONTOURING

Select the ridge height that best describes the condition during the 1/4 of the year when rainfall and runoff are the most erosive and the soil is most susceptible to erosion. Select a single ridge height to represent the cropping system or rotation.

1. VERY LOW (0.5 - 2 in.) RIDGES

- ❑ Plants not closely spaced, but with a perceptible ridge height
- ❑ No-till planted crop rows
- ❑ No-till drilled crops when stems do not restrict runoff or pond water.
- ❑ Fields that have been rolled, pressed or dragged after planting
- ❑ Conventionally drilled crops when erosive rains occur during or soon after planting
- ❑ Clear seeded hay that leaves a very low ridge

2. LOW (2 - 3 in.) RIDGES

- ❑ No-till drilled crops when stems are close enough to restrict runoff and pond water
- ❑ Mulch tilled row crops with no row cultivation
- ❑ Conventionally planted row crops with no row cultivation
- ❑ Winter small grain when runoff from snowmelt occurs during winter and early spring
- ❑ Transplanted crop, widely spaced

3. MODERATE (3 - 4 in.) RIDGES

- ❑ Conventionally (clean) tilled row crops with row cultivation
- ❑ Mulch till systems with row cultivation
- ❑ High yielding winter small grain crops when erosive rains are concentrated in the late spring after plants have developed a stiff upright stem.
- ❑ Transplanted crops that are closely spaced and/or in narrow rows

4. HIGH (4 - 6 in.) RIDGES

- ❑ Ridge tilled crops with high (4 - 6 in.) ridges during periods of erosive rain.

5. VERY HIGH (Greater than 6 in.) RIDGES

- ❑ Ridge tilled crops with very high (6+ in.) ridges during periods of erosive rains
- ❑ Hipping, bedding or ridging with very high ridges during periods of erosive rains

Table 10 - P Factor Contouring EI = 50

Cover Condition 3 **Soil Hydrologic Group A**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.50	0.61	0.66		0.66	0.70	0.73	0.75	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.50	0.61	0.66			0.68	0.71	0.73	0.75	0.79	0.83	0.86	0.89	0.91	0.94	0.96

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.28	0.44	0.51	0.79	1.00											
4	0.15	0.34	0.42	0.58	0.75	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.15	0.34	0.42		0.50	0.58	0.64	0.70	0.75	0.85	0.93	1.00				
14	0.15	0.34	0.42		0.47	0.55	0.61	0.66	0.71	0.79	0.87	0.94	1.00			
16	0.15	0.34	0.42		0.45	0.52	0.58	0.63	0.67	0.75	0.82	0.89	0.95	1.00		
18	0.15	0.34	0.42		0.44	0.50	0.55	0.60	0.64	0.72	0.79	0.85	0.90	0.95	1.00	
20	0.15	0.34	0.42		0.42	0.48	0.53	0.58	0.62	0.69	0.76	0.81	0.86	0.91	0.96	1.00
24	0.16	0.35	0.43			0.46	0.51	0.55	0.59	0.65	0.71	0.76	0.81	0.85	0.89	0.93

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.30	0.46	0.52	0.80	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.30	0.46	0.52		0.54	0.59	0.63	0.67	0.71	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.30	0.46	0.52		0.52	0.57	0.62	0.65	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.30	0.46	0.52			0.55	0.59	0.62	0.65	0.71	0.76	0.80	0.84	0.88	0.91	0.94

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.33	0.48	0.54	0.80	1.00											
4	0.08	0.29	0.37	0.54	0.73	0.88	1.00									
6	0.08	0.29	0.37	0.46	0.61	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.08	0.29	0.37	0.37	0.49	0.59	0.66	0.73	0.79	0.90	1.00					
12	0.08	0.29	0.37		0.46	0.54	0.61	0.68	0.73	0.83	0.92	1.00				
14	0.08	0.29	0.37		0.43	0.51	0.57	0.63	0.68	0.78	0.86	0.93	1.00			
16	0.08	0.29	0.37		0.41	0.48	0.54	0.60	0.65	0.73	0.81	0.88	0.94	1.00		
18	0.08	0.29	0.37		0.39	0.46	0.52	0.57	0.61	0.70	0.77	0.83	0.89	0.95	1.00	
20	0.10	0.30	0.39		0.39	0.45	0.51	0.55	0.60	0.67	0.74	0.80	0.86	0.91	0.96	1.00
24	0.14	0.34	0.42			0.45	0.50	0.54	0.58	0.64	0.70	0.75	0.80	0.85	0.89	0.93

Table 10 - P Factor Contouring EI = 50

Cover Condition 3 **Soil Hydrologic Group B**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.50	0.61	0.66		0.66	0.70	0.73	0.75	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.55	0.65	0.69			0.71	0.74	0.76	0.78	0.81	0.84	0.87	0.90	0.92	0.94	0.96

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.34	0.49	0.55	0.81	1.00											
4	0.15	0.34	0.42	0.58	0.75	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.15	0.34	0.42		0.50	0.58	0.64	0.70	0.75	0.85	0.93	1.00				
14	0.15	0.34	0.42		0.47	0.55	0.61	0.66	0.71	0.79	0.87	0.94	1.00			
16	0.16	0.35	0.43		0.46	0.53	0.58	0.63	0.68	0.76	0.83	0.89	0.95	1.00		
18	0.18	0.37	0.44		0.46	0.52	0.57	0.62	0.66	0.73	0.79	0.85	0.91	0.95	1.00	
20	0.20	0.38	0.46		0.46	0.51	0.56	0.60	0.64	0.71	0.77	0.82	0.87	0.92	0.96	1.00
24	0.24	0.41	0.48			0.51	0.55	0.59	0.63	0.68	0.74	0.78	0.83	0.87	0.90	0.94

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.32	0.47	0.54	0.80	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.30	0.46	0.52		0.54	0.59	0.63	0.67	0.71	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.30	0.46	0.52		0.52	0.57	0.62	0.65	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.36	0.51	0.57			0.59	0.62	0.66	0.68	0.73	0.78	0.82	0.85	0.89	0.92	0.95

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.36	0.50	0.56	0.81	1.00											
4	0.12	0.32	0.40	0.56	0.74	0.88	1.00									
6	0.08	0.29	0.37	0.46	0.61	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.08	0.29	0.37	0.37	0.49	0.59	0.66	0.73	0.79	0.90	1.00					
12	0.08	0.29	0.37		0.46	0.54	0.61	0.68	0.73	0.83	0.92	1.00				
14	0.09	0.29	0.38		0.44	0.51	0.58	0.64	0.69	0.78	0.86	0.93	1.00			
16	0.11	0.31	0.39		0.43	0.50	0.56	0.61	0.66	0.74	0.82	0.88	0.94	1.00		
18	0.12	0.32	0.40		0.42	0.48	0.54	0.59	0.63	0.71	0.78	0.84	0.90	0.95	1.00	
20	0.14	0.33	0.41		0.41	0.48	0.53	0.57	0.62	0.69	0.75	0.81	0.86	0.91	0.96	1.00
24	0.18	0.37	0.44			0.47	0.52	0.56	0.60	0.66	0.72	0.77	0.81	0.85	0.89	0.93

Table 10 - P Factor Contouring EI = 50

Cover Condition 3 **Soil Hydrologic Group C**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.55	0.65	0.69		0.72	0.76	0.79	0.82	0.85	0.89	0.93	0.97	1.00			
16	0.62	0.71	0.74		0.76	0.79	0.81	0.83	0.85	0.89	0.92	0.95	0.98	1.00		
18	0.70	0.77	0.80		0.80	0.82	0.84	0.86	0.87	0.90	0.92	0.95	0.97	0.98	1.00	
20	0.79	0.84	0.86		0.86	0.87	0.88	0.90	0.91	0.92	0.94	0.95	0.97	0.98	0.99	1.00
24	0.97	0.98	0.98		0.98	0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99	0.99	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.39	0.53	0.58	0.82	1.00											
4	0.21	0.39	0.46	0.61	0.77	0.89	1.00									
6	0.18	0.36	0.44	0.52	0.65	0.76	0.85	0.93	1.00							
8	0.18	0.36	0.44	0.47	0.59	0.68	0.76	0.83	0.89	1.00						
10	0.20	0.38	0.45	0.45	0.56	0.64	0.71	0.77	0.82	0.92	1.00					
12	0.22	0.40	0.47		0.54	0.61	0.67	0.72	0.77	0.86	0.93	1.00				
14	0.25	0.42	0.49		0.53	0.60	0.65	0.70	0.74	0.82	0.89	0.95	1.00			
16	0.28	0.44	0.51		0.54	0.59	0.64	0.68	0.72	0.79	0.85	0.91	0.95	1.00		
18	0.31	0.47	0.53		0.54	0.59	0.64	0.68	0.71	0.77	0.83	0.88	0.92	0.96	1.00	
20	0.35	0.50	0.56		0.56	0.60	0.64	0.68	0.71	0.76	0.81	0.86	0.90	0.93	0.97	1.00
24	0.43	0.56	0.61			0.63	0.67	0.69	0.72	0.76	0.80	0.84	0.87	0.90	0.93	0.95

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.41	0.54	0.60	0.83	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.34	0.49	0.55		0.61	0.67	0.72	0.77	0.81	0.88	0.94	1.00				
14	0.38	0.52	0.58		0.62	0.67	0.71	0.75	0.79	0.85	0.91	0.95	1.00			
16	0.43	0.56	0.61		0.63	0.68	0.72	0.75	0.78	0.83	0.88	0.92	0.96	1.00		
18	0.48	0.60	0.65		0.65	0.69	0.73	0.76	0.78	0.83	0.87	0.91	0.94	0.97	1.00	
20	0.53	0.64	0.68		0.68	0.71	0.74	0.77	0.79	0.83	0.86	0.90	0.93	0.95	0.98	1.00
24	0.65	0.73	0.76			0.78	0.79	0.81	0.83	0.85	0.88	0.90	0.92	0.94	0.95	0.97

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.39	0.53	0.58	0.82	1.00											
4	0.16	0.35	0.43	0.58	0.75	0.89	1.00									
6	0.11	0.31	0.39	0.47	0.62	0.74	0.84	0.92	1.00							
8	0.11	0.31	0.39	0.43	0.56	0.66	0.74	0.81	0.88	1.00						
10	0.12	0.32	0.40	0.40	0.51	0.60	0.68	0.74	0.80	0.91	1.00					
12	0.13	0.33	0.41		0.49	0.57	0.63	0.69	0.75	0.84	0.93	1.00				
14	0.15	0.34	0.42		0.47	0.55	0.61	0.66	0.71	0.79	0.87	0.94	1.00			
16	0.17	0.36	0.43		0.47	0.53	0.59	0.64	0.68	0.76	0.83	0.89	0.95	1.00		
18	0.19	0.37	0.45		0.46	0.52	0.57	0.62	0.66	0.73	0.80	0.85	0.91	0.95	1.00	
20	0.22	0.40	0.47		0.47	0.53	0.57	0.61	0.65	0.72	0.78	0.83	0.88	0.92	0.96	1.00
24	0.27	0.44	0.50			0.53	0.57	0.61	0.64	0.70	0.75	0.79	0.83	0.87	0.91	0.94

Table 10 - P Factor Contouring EI = 50

Cover Condition 3 **Soil Hydrologic Group D**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.53	0.64	0.68	0.68	0.74	0.79	0.83	0.86	0.89	0.95	1.00					
12	0.61	0.70	0.73		0.77	0.81	0.84	0.86	0.89	0.93	0.97	1.00				
14	0.69	0.76	0.79		0.81	0.83	0.86	0.88	0.89	0.93	0.95	0.98	1.00			
16	0.78	0.83	0.85		0.86	0.88	0.89	0.90	0.92	0.94	0.95	0.97	0.99	1.00		
18	0.88	0.91	0.92		0.92	0.93	0.94	0.94	0.95	0.96	0.97	0.98	0.99	0.99	1.00	
20	0.98	0.98	0.99		0.99	0.99	0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.43	0.56	0.61	0.83	1.00											
4	0.25	0.42	0.49	0.63	0.78	0.90	1.00									
6	0.22	0.39	0.47	0.54	0.67	0.77	0.86	0.93	1.00							
8	0.23	0.40	0.47	0.50	0.62	0.70	0.78	0.84	0.90	1.00						
10	0.25	0.42	0.49	0.49	0.59	0.66	0.73	0.78	0.83	0.92	1.00					
12	0.28	0.44	0.51		0.57	0.64	0.70	0.75	0.79	0.87	0.94	1.00				
14	0.32	0.47	0.54		0.58	0.64	0.69	0.73	0.77	0.84	0.90	0.95	1.00			
16	0.36	0.50	0.56		0.59	0.64	0.68	0.72	0.75	0.81	0.87	0.92	0.96	1.00		
18	0.40	0.54	0.59		0.60	0.65	0.68	0.72	0.75	0.80	0.85	0.89	0.93	0.97	1.00	
20	0.45	0.57	0.63		0.63	0.67	0.70	0.73	0.75	0.80	0.84	0.88	0.91	0.94	0.97	1.00
24	0.56	0.66	0.70			0.72	0.74	0.76	0.78	0.82	0.85	0.87	0.90	0.92	0.94	0.96

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.46	0.58	0.63	0.84	1.00											
4	0.33	0.48	0.54	0.67	0.80	0.91	1.00									
6	0.32	0.47	0.54	0.60	0.71	0.80	0.88	0.94	1.00							
8	0.34	0.49	0.55	0.57	0.67	0.74	0.81	0.86	0.91	1.00						
10	0.38	0.52	0.58	0.58	0.66	0.72	0.77	0.82	0.86	0.94	1.00					
12	0.42	0.55	0.60		0.66	0.71	0.76	0.80	0.83	0.89	0.95	1.00				
14	0.48	0.60	0.65		0.68	0.72	0.76	0.79	0.82	0.87	0.92	0.96	1.00			
16	0.54	0.64	0.69		0.70	0.74	0.77	0.80	0.82	0.87	0.91	0.94	0.97	1.00		
18	0.61	0.70	0.73		0.74	0.77	0.80	0.82	0.84	0.87	0.90	0.93	0.96	0.98	1.00	
20	0.68	0.75	0.78		0.78	0.81	0.82	0.84	0.86	0.88	0.91	0.93	0.95	0.97	0.98	1.00
24	0.83	0.87	0.88		0.88	0.89	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.41	0.54	0.60	0.83	1.00											
4	0.19	0.37	0.45	0.60	0.76	0.89	1.00									
6	0.14	0.33	0.41	0.49	0.64	0.75	0.84	0.93	1.00							
8	0.13	0.32	0.41	0.44	0.57	0.66	0.75	0.82	0.88	1.00						
10	0.14	0.33	0.41	0.41	0.53	0.61	0.69	0.75	0.81	0.91	1.00					
12	0.16	0.35	0.43		0.50	0.58	0.65	0.70	0.76	0.85	0.93	1.00				
14	0.19	0.37	0.45		0.50	0.57	0.62	0.68	0.72	0.80	0.88	0.94	1.00			
16	0.22	0.40	0.47		0.50	0.56	0.61	0.66	0.70	0.77	0.84	0.90	0.95	1.00		
18	0.25	0.42	0.49		0.50	0.56	0.61	0.65	0.69	0.75	0.81	0.87	0.91	0.96	1.00	
20	0.28	0.44	0.51		0.51	0.56	0.61	0.64	0.68	0.74	0.79	0.84	0.89	0.93	0.96	1.00
24	0.36	0.51	0.57			0.59	0.62	0.66	0.68	0.73	0.78	0.82	0.85	0.89	0.92	0.95

Table 10 - P Factor Contouring EI = 50

Cover Condition 4 **Soil Hydrologic Group A**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.50	0.61	0.66		0.66	0.70	0.73	0.75	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.50	0.61	0.66		0.65	0.68	0.71	0.73	0.75	0.79	0.83	0.86	0.89	0.91	0.94	0.96

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.29	0.45	0.51	0.79	1.00											
4	0.15	0.34	0.42	0.58	0.75	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.15	0.34	0.42		0.50	0.58	0.64	0.70	0.75	0.85	0.93	1.00				
14	0.15	0.34	0.42		0.47	0.55	0.61	0.66	0.71	0.79	0.87	0.94	1.00			
16	0.15	0.34	0.42		0.45	0.52	0.58	0.63	0.67	0.75	0.82	0.89	0.95	1.00		
18	0.15	0.34	0.42		0.44	0.50	0.55	0.60	0.64	0.72	0.79	0.85	0.90	0.95	1.00	
20	0.15	0.34	0.42		0.42	0.48	0.53	0.58	0.62	0.69	0.76	0.81	0.86	0.91	0.96	1.00
24	0.16	0.35	0.43			0.46	0.51	0.55	0.59	0.65	0.71	0.76	0.81	0.85	0.89	0.93

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.30	0.46	0.52	0.80	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.30	0.46	0.52		0.54	0.59	0.63	0.67	0.71	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.30	0.46	0.52		0.52	0.57	0.62	0.65	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.30	0.46	0.52			0.55	0.59	0.62	0.65	0.71	0.76	0.80	0.84	0.88	0.91	0.94

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.33	0.48	0.54	0.80	1.00											
4	0.08	0.29	0.37	0.54	0.73	0.88	1.00									
6	0.08	0.29	0.37	0.46	0.61	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.08	0.29	0.37	0.37	0.49	0.59	0.66	0.73	0.79	0.90	1.00					
12	0.08	0.29	0.37		0.46	0.54	0.61	0.68	0.73	0.83	0.92	1.00				
14	0.08	0.29	0.37		0.43	0.51	0.57	0.63	0.68	0.78	0.86	0.93	1.00			
16	0.08	0.29	0.37		0.41	0.48	0.54	0.60	0.65	0.73	0.81	0.88	0.94	1.00		
18	0.08	0.29	0.37		0.39	0.46	0.52	0.57	0.61	0.70	0.77	0.83	0.89	0.95	1.00	
20	0.10	0.30	0.39		0.39	0.45	0.51	0.55	0.60	0.67	0.74	0.80	0.86	0.91	0.96	1.00
24	0.14	0.34	0.42			0.45	0.50	0.54	0.58	0.64	0.70	0.75	0.80	0.85	0.89	0.93

Table 10 - P Factor Contouring EI = 50

Cover Condition 4 **Soil Hydrologic Group B**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.54	0.64	0.69		0.69	0.72	0.75	0.77	0.79	0.83	0.87	0.90	0.93	0.95	0.98	1.00
24	0.66	0.74	0.77			0.78	0.80	0.82	0.83	0.86	0.88	0.90	0.92	0.94	0.96	0.97

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.35	0.50	0.56	0.81	1.00											
4	0.16	0.35	0.43	0.58	0.75	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.15	0.34	0.42		0.50	0.58	0.64	0.70	0.75	0.85	0.93	1.00				
14	0.17	0.36	0.43		0.49	0.56	0.62	0.67	0.72	0.80	0.87	0.94	1.00			
16	0.19	0.37	0.45		0.48	0.54	0.60	0.65	0.69	0.77	0.83	0.89	0.95	1.00		
18	0.21	0.39	0.46		0.48	0.54	0.59	0.63	0.67	0.74	0.80	0.86	0.91	0.96	1.00	
20	0.24	0.41	0.48		0.48	0.54	0.58	0.62	0.66	0.72	0.78	0.83	0.88	0.92	0.96	1.00
24	0.33	0.48	0.54			0.57	0.61	0.64	0.67	0.72	0.77	0.81	0.85	0.88	0.91	0.94

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.35	0.50	0.56	0.81	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.33	0.48	0.54		0.56	0.61	0.65	0.69	0.72	0.78	0.83	0.88	0.92	0.96	1.00	
20	0.36	0.50	0.56		0.56	0.61	0.65	0.68	0.71	0.77	0.82	0.86	0.90	0.93	0.97	1.00
24	0.44	0.57	0.62			0.64	0.67	0.70	0.72	0.77	0.81	0.84	0.87	0.90	0.93	0.95

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.37	0.51	0.57	0.82	1.00											
4	0.13	0.32	0.41	0.57	0.75	0.88	1.00									
6	0.08	0.29	0.37	0.46	0.61	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.08	0.29	0.37	0.37	0.49	0.59	0.66	0.73	0.79	0.90	1.00					
12	0.09	0.29	0.38		0.46	0.55	0.62	0.68	0.74	0.83	0.92	1.00				
14	0.10	0.30	0.39		0.44	0.52	0.58	0.64	0.69	0.78	0.86	0.93	1.00			
16	0.12	0.32	0.40		0.43	0.50	0.56	0.61	0.66	0.75	0.82	0.88	0.94	1.00		
18	0.13	0.33	0.41		0.42	0.49	0.54	0.59	0.64	0.71	0.78	0.84	0.90	0.95	1.00	
20	0.15	0.34	0.42		0.42	0.48	0.53	0.58	0.62	0.69	0.76	0.81	0.86	0.91	0.96	1.00
24	0.19	0.37	0.45			0.48	0.53	0.56	0.60	0.66	0.72	0.77	0.81	0.86	0.90	0.93

Table 10 - P Factor Contouring EI = 50

Cover Condition 4 **Soil Hydrologic Group C**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.53	0.64	0.68		0.72	0.77	0.80	0.83	0.86	0.91	0.96	1.00				
14	0.60	0.69	0.73		0.75	0.79	0.81	0.84	0.86	0.90	0.94	0.97	1.00			
16	0.68	0.75	0.78		0.79	0.82	0.84	0.86	0.88	0.91	0.93	0.96	0.98	1.00		
18	0.77	0.82	0.84		0.85	0.86	0.88	0.89	0.90	0.92	0.94	0.96	0.97	0.99	1.00	
20	0.86	0.89	0.90		0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	0.99	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.41	0.54	0.60	0.83	1.00											
4	0.22	0.39	0.47	0.61	0.77	0.90	1.00									
6	0.20	0.38	0.45	0.53	0.66	0.77	0.85	0.93	1.00							
8	0.20	0.38	0.45	0.48	0.60	0.69	0.77	0.83	0.89	1.00						
10	0.22	0.39	0.47	0.47	0.57	0.65	0.71	0.77	0.83	0.92	1.00					
12	0.24	0.41	0.48		0.55	0.62	0.68	0.73	0.78	0.86	0.93	1.00				
14	0.27	0.43	0.50		0.55	0.61	0.66	0.71	0.75	0.82	0.89	0.95	1.00			
16	0.31	0.47	0.53		0.56	0.61	0.66	0.70	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.35	0.50	0.56		0.57	0.62	0.66	0.70	0.73	0.79	0.84	0.88	0.93	0.96	1.00	
20	0.39	0.53	0.58		0.58	0.63	0.67	0.70	0.73	0.78	0.82	0.87	0.90	0.94	0.97	1.00
24	0.48	0.60	0.65			0.67	0.70	0.72	0.74	0.78	0.82	0.85	0.88	0.91	0.93	0.96

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.43	0.56	0.61	0.83	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.33	0.48	0.54	0.54	0.63	0.70	0.75	0.80	0.85	0.93	1.00					
12	0.37	0.51	0.57		0.63	0.69	0.73	0.78	0.82	0.89	0.95	1.00				
14	0.42	0.55	0.60		0.64	0.69	0.73	0.77	0.80	0.86	0.91	0.96	1.00			
16	0.47	0.59	0.64		0.66	0.70	0.74	0.77	0.80	0.85	0.89	0.93	0.97	1.00		
18	0.53	0.64	0.68		0.69	0.72	0.75	0.78	0.80	0.85	0.88	0.92	0.95	0.97	1.00	
20	0.59	0.68	0.72		0.72	0.75	0.78	0.80	0.82	0.85	0.88	0.91	0.93	0.96	0.98	1.00
24	0.72	0.78	0.81			0.82	0.84	0.85	0.86	0.88	0.90	0.92	0.94	0.95	0.96	0.98

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.40	0.53	0.59	0.82	1.00											
4	0.17	0.36	0.43	0.59	0.76	0.89	1.00									
6	0.12	0.32	0.40	0.48	0.63	0.74	0.84	0.92	1.00							
8	0.12	0.32	0.40	0.43	0.56	0.66	0.74	0.82	0.88	1.00						
10	0.13	0.33	0.41	0.41	0.52	0.61	0.68	0.75	0.80	0.91	1.00					
12	0.14	0.33	0.41		0.49	0.57	0.64	0.70	0.75	0.84	0.93	1.00				
14	0.16	0.35	0.43		0.48	0.55	0.61	0.66	0.71	0.80	0.87	0.94	1.00			
16	0.19	0.37	0.45		0.48	0.54	0.60	0.65	0.69	0.77	0.83	0.89	0.95	1.00		
18	0.21	0.39	0.46		0.48	0.54	0.59	0.63	0.67	0.74	0.80	0.86	0.91	0.96	1.00	
20	0.24	0.41	0.48		0.48	0.54	0.58	0.62	0.66	0.72	0.78	0.83	0.88	0.92	0.96	1.00
24	0.31	0.47	0.53			0.56	0.60	0.63	0.66	0.71	0.76	0.80	0.84	0.88	0.91	0.94

Table 10 - P Factor Contouring EI = 50

Cover Condition 4 **Soil Hydrologic Group D**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.51	0.62	0.66	0.86	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.56	0.66	0.70	0.70	0.76	0.80	0.84	0.87	0.90	0.95	1.00					
12	0.63	0.71	0.75		0.78	0.82	0.84	0.87	0.89	0.93	0.97	1.00				
14	0.72	0.78	0.81		0.83	0.85	0.87	0.89	0.90	0.93	0.96	0.98	1.00			
16	0.81	0.85	0.87		0.88	0.89	0.91	0.92	0.93	0.94	0.96	0.97	0.99	1.00		
18	0.91	0.93	0.94		0.94	0.95	0.95	0.96	0.96	0.97	0.98	0.98	0.99	0.99	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.43	0.56	0.61	0.83	1.00											
4	0.26	0.43	0.49	0.63	0.78	0.90	1.00									
6	0.23	0.40	0.47	0.54	0.67	0.77	0.86	0.93	1.00							
8	0.24	0.41	0.48	0.51	0.62	0.71	0.78	0.84	0.90	1.00						
10	0.26	0.43	0.49	0.49	0.59	0.67	0.73	0.78	0.83	0.92	1.00					
12	0.29	0.45	0.52		0.58	0.65	0.70	0.75	0.79	0.87	0.94	1.00				
14	0.33	0.48	0.54		0.58	0.64	0.69	0.73	0.77	0.84	0.90	0.95	1.00			
16	0.37	0.51	0.57		0.59	0.64	0.69	0.72	0.76	0.82	0.87	0.92	0.96	1.00		
18	0.42	0.55	0.60		0.61	0.66	0.70	0.73	0.76	0.81	0.85	0.90	0.93	0.97	1.00	
20	0.47	0.59	0.64		0.64	0.68	0.71	0.74	0.76	0.81	0.85	0.88	0.92	0.95	0.97	1.00
24	0.59	0.68	0.72			0.74	0.76	0.78	0.80	0.83	0.86	0.88	0.91	0.93	0.95	0.97

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.47	0.59	0.64	0.84	1.00											
4	0.35	0.50	0.56	0.68	0.81	0.91	1.00									
6	0.34	0.49	0.55	0.61	0.72	0.81	0.88	0.94	1.00							
8	0.36	0.50	0.56	0.59	0.68	0.75	0.81	0.87	0.91	1.00						
10	0.40	0.53	0.59	0.59	0.67	0.73	0.78	0.83	0.87	0.94	1.00					
12	0.44	0.57	0.62		0.67	0.72	0.76	0.80	0.84	0.90	0.95	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.56	0.66	0.70		0.72	0.75	0.78	0.81	0.83	0.87	0.91	0.94	0.97	1.00		
18	0.63	0.71	0.75		0.75	0.78	0.81	0.83	0.85	0.88	0.91	0.93	0.96	0.98	1.00	
20	0.71	0.78	0.80		0.80	0.82	0.84	0.86	0.87	0.89	0.92	0.94	0.95	0.97	0.99	1.00
24	0.87	0.90	0.91		0.91	0.92	0.92	0.93	0.94	0.95	0.95	0.96	0.97	0.98	0.98	0.99

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.41	0.54	0.60	0.83	1.00											
4	0.19	0.37	0.45	0.60	0.76	0.89	1.00									
6	0.14	0.33	0.41	0.49	0.64	0.75	0.84	0.93	1.00							
8	0.14	0.33	0.41	0.44	0.57	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.17	0.36	0.43		0.51	0.59	0.65	0.71	0.76	0.85	0.93	1.00				
14	0.20	0.38	0.45		0.50	0.57	0.63	0.68	0.73	0.81	0.88	0.94	1.00			
16	0.23	0.40	0.48		0.50	0.57	0.62	0.66	0.70	0.78	0.84	0.90	0.95	1.00		
18	0.26	0.43	0.50		0.51	0.56	0.61	0.65	0.69	0.76	0.81	0.87	0.91	0.96	1.00	
20	0.30	0.46	0.52		0.52	0.57	0.62	0.65	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.38	0.52	0.58			0.60	0.64	0.67	0.69	0.74	0.78	0.82	0.86	0.89	0.92	0.95

Table 10 - P Factor Contouring EI = 50

Cover Condition 5 **Soil Hydrologic Group A**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.50	0.61	0.66		0.66	0.70	0.73	0.75	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.50	0.61	0.66			0.68	0.71	0.73	0.75	0.79	0.83	0.86	0.89	0.91	0.94	0.96

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.31	0.46	0.53	0.80	1.00											
4	0.15	0.34	0.42	0.58	0.75	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.15	0.34	0.42		0.50	0.58	0.64	0.70	0.75	0.85	0.93	1.00				
14	0.15	0.34	0.42		0.47	0.55	0.61	0.66	0.71	0.79	0.87	0.94	1.00			
16	0.15	0.34	0.42		0.45	0.52	0.58	0.63	0.67	0.75	0.82	0.89	0.95	1.00		
18	0.15	0.34	0.42		0.44	0.50	0.55	0.60	0.64	0.72	0.79	0.85	0.90	0.95	1.00	
20	0.15	0.34	0.42		0.42	0.48	0.53	0.58	0.62	0.69	0.76	0.81	0.86	0.91	0.96	1.00
24	0.19	0.37	0.45			0.48	0.53	0.56	0.60	0.66	0.72	0.77	0.81	0.86	0.90	0.93

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.30	0.46	0.52	0.80	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.30	0.46	0.52		0.54	0.59	0.63	0.67	0.71	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.30	0.46	0.52		0.52	0.57	0.62	0.65	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.30	0.46	0.52			0.55	0.59	0.62	0.65	0.71	0.76	0.80	0.84	0.88	0.91	0.94

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.34	0.49	0.55	0.81	1.00											
4	0.10	0.30	0.38	0.55	0.74	0.88	1.00									
6	0.08	0.29	0.37	0.46	0.61	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.08	0.29	0.37	0.37	0.49	0.59	0.66	0.73	0.79	0.90	1.00					
12	0.08	0.29	0.37		0.46	0.54	0.61	0.68	0.73	0.83	0.92	1.00				
14	0.08	0.29	0.37		0.43	0.51	0.57	0.63	0.68	0.78	0.86	0.93	1.00			
16	0.08	0.29	0.37		0.41	0.48	0.54	0.60	0.65	0.73	0.81	0.88	0.94	1.00		
18	0.10	0.31	0.39		0.40	0.47	0.53	0.58	0.62	0.70	0.77	0.84	0.90	0.95	1.00	
20	0.12	0.32	0.40		0.40	0.46	0.52	0.56	0.61	0.68	0.75	0.81	0.86	0.91	0.96	1.00
24	0.15	0.34	0.42			0.45	0.50	0.54	0.58	0.65	0.71	0.76	0.81	0.85	0.89	0.93

Table 10 - P Factor Contouring EI = 50

Cover Condition 5 **Soil Hydrologic Group B**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.51	0.62	0.67		0.68	0.72	0.76	0.79	0.81	0.86	0.90	0.94	0.97	1.00		
18	0.57	0.67	0.71		0.71	0.75	0.77	0.80	0.82	0.86	0.89	0.92	0.95	0.98	1.00	
20	0.64	0.72	0.75		0.75	0.78	0.80	0.82	0.84	0.87	0.90	0.92	0.94	0.96	0.98	1.00
24	0.79	0.84	0.86			0.87	0.88	0.89	0.90	0.91	0.93	0.94	0.95	0.96	0.97	0.98

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.37	0.51	0.57	0.82	1.00											
4	0.18	0.36	0.44	0.59	0.76	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.16	0.35	0.43	0.43	0.54	0.62	0.69	0.76	0.81	0.91	1.00					
12	0.18	0.36	0.44		0.52	0.59	0.65	0.71	0.76	0.85	0.93	1.00				
14	0.20	0.38	0.45		0.50	0.57	0.63	0.68	0.73	0.81	0.88	0.94	1.00			
16	0.23	0.40	0.48		0.50	0.57	0.62	0.66	0.70	0.78	0.84	0.90	0.95	1.00		
18	0.25	0.42	0.49		0.50	0.56	0.61	0.65	0.69	0.75	0.81	0.87	0.91	0.96	1.00	
20	0.28	0.44	0.51		0.51	0.56	0.61	0.64	0.68	0.74	0.79	0.84	0.89	0.93	0.96	1.00
24	0.34	0.49	0.55			0.58	0.61	0.65	0.67	0.73	0.77	0.81	0.85	0.88	0.92	0.95

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.37	0.51	0.57	0.82	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.31	0.47	0.53		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.35	0.50	0.56		0.58	0.63	0.68	0.72	0.75	0.81	0.87	0.91	0.96	1.00		
18	0.39	0.53	0.58		0.59	0.64	0.68	0.71	0.74	0.80	0.85	0.89	0.93	0.97	1.00	
20	0.43	0.56	0.61		0.61	0.65	0.69	0.72	0.74	0.79	0.84	0.87	0.91	0.94	0.97	1.00
24	0.52	0.63	0.67			0.69	0.72	0.74	0.76	0.80	0.83	0.86	0.89	0.91	0.94	0.96

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.38	0.52	0.58	0.82	1.00											
4	0.15	0.34	0.42	0.58	0.75	0.89	1.00									
6	0.09	0.29	0.38	0.46	0.62	0.73	0.83	0.92	1.00							
8	0.09	0.29	0.38	0.41	0.55	0.65	0.73	0.81	0.88	1.00						
10	0.10	0.30	0.39	0.39	0.50	0.59	0.67	0.74	0.80	0.91	1.00					
12	0.11	0.31	0.39		0.47	0.56	0.63	0.69	0.74	0.84	0.92	1.00				
14	0.12	0.32	0.40		0.45	0.53	0.59	0.65	0.70	0.79	0.87	0.94	1.00			
16	0.14	0.33	0.41		0.45	0.51	0.57	0.62	0.67	0.75	0.82	0.89	0.95	1.00		
18	0.15	0.34	0.42		0.44	0.50	0.55	0.60	0.64	0.72	0.79	0.85	0.90	0.95	1.00	
20	0.17	0.36	0.44		0.44	0.49	0.54	0.59	0.63	0.70	0.76	0.82	0.87	0.91	0.96	1.00
24	0.22	0.40	0.47			0.50	0.54	0.58	0.62	0.68	0.73	0.78	0.82	0.86	0.90	0.94

Table 10 - P Factor Contouring EI = 50

Cover Condition 5 **Soil Hydrologic Group C**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.51	0.62	0.67	0.67	0.73	0.78	0.82	0.86	0.89	0.95	1.00					
12	0.58	0.67	0.71		0.75	0.79	0.82	0.85	0.88	0.92	0.96	1.00				
14	0.66	0.74	0.77		0.79	0.82	0.84	0.86	0.88	0.92	0.95	0.98	1.00			
16	0.75	0.81	0.83		0.84	0.86	0.88	0.89	0.90	0.93	0.95	0.97	0.98	1.00		
18	0.84	0.88	0.89		0.89	0.91	0.92	0.92	0.93	0.95	0.96	0.97	0.98	0.99	1.00	
20	0.94	0.95	0.96		0.96	0.96	0.97	0.97	0.97	0.98	0.98	0.99	0.99	0.99	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.42	0.55	0.60	0.83	1.00											
4	0.24	0.41	0.48	0.62	0.78	0.90	1.00									
6	0.21	0.39	0.46	0.53	0.67	0.77	0.86	0.93	1.00							
8	0.22	0.39	0.47	0.50	0.61	0.70	0.77	0.84	0.90	1.00						
10	0.24	0.41	0.48	0.48	0.58	0.66	0.72	0.78	0.83	0.92	1.00					
12	0.27	0.43	0.50		0.57	0.64	0.69	0.74	0.79	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.34	0.49	0.55		0.57	0.63	0.67	0.71	0.75	0.81	0.86	0.91	0.96	1.00		
18	0.38	0.52	0.58		0.59	0.64	0.67	0.71	0.74	0.80	0.84	0.89	0.93	0.97	1.00	
20	0.43	0.56	0.61		0.61	0.65	0.69	0.72	0.74	0.79	0.84	0.87	0.91	0.94	0.97	1.00
24	0.53	0.64	0.68			0.70	0.72	0.75	0.77	0.80	0.84	0.87	0.89	0.92	0.94	0.96

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.45	0.57	0.62	0.84	1.00											
4	0.32	0.47	0.54	0.66	0.80	0.91	1.00									
6	0.31	0.46	0.53	0.59	0.71	0.80	0.87	0.94	1.00							
8	0.33	0.48	0.54	0.57	0.67	0.74	0.80	0.86	0.91	1.00						
10	0.36	0.50	0.56	0.56	0.65	0.71	0.77	0.81	0.86	0.93	1.00					
12	0.41	0.54	0.60		0.65	0.71	0.75	0.79	0.83	0.89	0.95	1.00				
14	0.46	0.58	0.63		0.67	0.71	0.75	0.78	0.81	0.87	0.92	0.96	1.00			
16	0.52	0.63	0.67		0.69	0.73	0.76	0.79	0.82	0.86	0.90	0.94	0.97	1.00		
18	0.58	0.68	0.71		0.72	0.75	0.78	0.80	0.82	0.86	0.89	0.92	0.95	0.98	1.00	
20	0.65	0.73	0.76		0.76	0.79	0.81	0.83	0.84	0.87	0.90	0.92	0.94	0.96	0.98	1.00
24	0.79	0.84	0.86			0.87	0.88	0.89	0.90	0.91	0.93	0.94	0.95	0.96	0.97	0.98

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.40	0.53	0.59	0.82	1.00											
4	0.18	0.36	0.44	0.59	0.76	0.89	1.00									
6	0.13	0.32	0.41	0.49	0.63	0.75	0.84	0.92	1.00							
8	0.13	0.32	0.41	0.44	0.57	0.66	0.75	0.82	0.88	1.00						
10	0.14	0.33	0.41	0.41	0.53	0.61	0.69	0.75	0.81	0.91	1.00					
12	0.16	0.35	0.43		0.50	0.58	0.65	0.70	0.76	0.85	0.93	1.00				
14	0.18	0.36	0.44		0.49	0.56	0.62	0.67	0.72	0.80	0.87	0.94	1.00			
16	0.21	0.39	0.46		0.49	0.55	0.61	0.65	0.70	0.77	0.84	0.90	0.95	1.00		
18	0.24	0.41	0.48		0.50	0.55	0.60	0.64	0.68	0.75	0.81	0.86	0.91	0.96	1.00	
20	0.27	0.43	0.50		0.50	0.56	0.60	0.64	0.67	0.74	0.79	0.84	0.88	0.93	0.96	1.00
24	0.34	0.49	0.55			0.58	0.61	0.65	0.67	0.73	0.77	0.81	0.85	0.88	0.92	0.95

Table 10 - P Factor Contouring EI = 50

Cover Condition 5 **Soil Hydrologic Group D**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.55	0.65	0.69	0.87	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.54	0.64	0.69	0.70	0.77	0.82	0.87	0.90	0.94	1.00						
10	0.60	0.69	0.73	0.73	0.78	0.82	0.85	0.88	0.91	0.96	1.00					
12	0.68	0.75	0.78		0.81	0.84	0.87	0.89	0.91	0.94	0.97	1.00				
14	0.78	0.83	0.85		0.86	0.88	0.90	0.91	0.92	0.95	0.97	0.98	1.00			
16	0.88	0.91	0.92		0.92	0.93	0.94	0.95	0.95	0.97	0.98	0.98	0.99	1.00		
18	0.99	0.99	0.99		0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.45	0.57	0.62	0.84	1.00											
4	0.28	0.44	0.51	0.64	0.79	0.90	1.00									
6	0.25	0.42	0.49	0.56	0.68	0.78	0.86	0.93	1.00							
8	0.26	0.43	0.49	0.52	0.63	0.71	0.78	0.85	0.90	1.00						
10	0.28	0.44	0.51	0.51	0.60	0.68	0.74	0.79	0.84	0.92	1.00					
12	0.32	0.47	0.54		0.60	0.66	0.71	0.76	0.80	0.88	0.94	1.00				
14	0.36	0.50	0.56		0.60	0.66	0.70	0.74	0.78	0.85	0.90	0.95	1.00			
16	0.41	0.54	0.60		0.62	0.67	0.71	0.74	0.77	0.83	0.88	0.92	0.96	1.00		
18	0.46	0.58	0.63		0.64	0.68	0.72	0.75	0.77	0.82	0.86	0.90	0.94	0.97	1.00	
20	0.52	0.63	0.67		0.67	0.71	0.74	0.76	0.79	0.83	0.86	0.89	0.92	0.95	0.98	1.00
24	0.65	0.73	0.76			0.78	0.79	0.81	0.83	0.85	0.88	0.90	0.92	0.94	0.95	0.97

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.49	0.60	0.65	0.85	1.00											
4	0.37	0.51	0.57	0.69	0.82	0.92	1.00									
6	0.37	0.51	0.57	0.63	0.73	0.82	0.88	0.95	1.00							
8	0.39	0.53	0.58	0.61	0.70	0.76	0.82	0.87	0.92	1.00						
10	0.43	0.56	0.61	0.61	0.69	0.74	0.79	0.83	0.87	0.94	1.00					
12	0.48	0.60	0.65		0.69	0.74	0.78	0.82	0.85	0.91	0.96	1.00				
14	0.54	0.64	0.69		0.71	0.75	0.79	0.82	0.84	0.89	0.93	0.97	1.00			
16	0.61	0.70	0.73		0.75	0.78	0.81	0.83	0.85	0.89	0.92	0.95	0.98	1.00		
18	0.69	0.76	0.79		0.79	0.82	0.84	0.85	0.87	0.90	0.92	0.94	0.96	0.98	1.00	
20	0.77	0.82	0.84		0.84	0.86	0.87	0.89	0.90	0.92	0.93	0.95	0.96	0.98	0.99	1.00
24	0.95	0.96	0.97		0.96	0.97	0.97	0.97	0.98	0.98	0.98	0.99	0.99	0.99	0.99	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.42	0.55	0.60	0.83	1.00											
4	0.20	0.38	0.45	0.60	0.77	0.89	1.00									
6	0.16	0.35	0.43	0.50	0.65	0.75	0.85	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.16	0.35	0.43	0.43	0.54	0.62	0.69	0.76	0.81	0.91	1.00					
12	0.19	0.37	0.45		0.52	0.60	0.66	0.71	0.76	0.85	0.93	1.00				
14	0.22	0.40	0.47		0.52	0.58	0.64	0.69	0.73	0.81	0.88	0.94	1.00			
16	0.25	0.42	0.49		0.52	0.58	0.63	0.67	0.71	0.78	0.85	0.90	0.95	1.00		
18	0.29	0.45	0.52		0.53	0.58	0.63	0.67	0.70	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.33	0.48	0.54		0.54	0.59	0.63	0.67	0.70	0.76	0.81	0.85	0.89	0.93	0.97	1.00
24	0.42	0.55	0.61			0.63	0.66	0.69	0.71	0.76	0.80	0.83	0.87	0.90	0.93	0.95

Table 10 - P Factor Contouring EI = 50

Cover Condition 6 **Soil Hydrologic Group A**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.50	0.61	0.66		0.66	0.70	0.73	0.75	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.50	0.61	0.66			0.68	0.71	0.73	0.75	0.79	0.83	0.86	0.89	0.91	0.94	0.96

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.32	0.47	0.54	0.80	1.00											
4	0.15	0.34	0.42	0.58	0.75	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.15	0.34	0.42		0.50	0.58	0.64	0.70	0.75	0.85	0.93	1.00				
14	0.15	0.34	0.42		0.47	0.55	0.61	0.66	0.71	0.79	0.87	0.94	1.00			
16	0.15	0.34	0.42		0.45	0.52	0.58	0.63	0.67	0.75	0.82	0.89	0.95	1.00		
18	0.15	0.34	0.42		0.44	0.50	0.55	0.60	0.64	0.72	0.79	0.85	0.90	0.95	1.00	
20	0.16	0.35	0.43		0.43	0.49	0.54	0.58	0.62	0.70	0.76	0.81	0.87	0.91	0.96	1.00
24	0.20	0.38	0.46			0.49	0.53	0.57	0.61	0.67	0.72	0.77	0.82	0.86	0.90	0.93

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.30	0.46	0.52	0.80	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.30	0.46	0.52		0.54	0.59	0.63	0.67	0.71	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.30	0.46	0.52		0.52	0.57	0.62	0.65	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.30	0.46	0.52			0.55	0.59	0.62	0.65	0.71	0.76	0.80	0.84	0.88	0.91	0.94

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.35	0.50	0.56	0.81	1.00											
4	0.11	0.31	0.39	0.56	0.74	0.88	1.00									
6	0.08	0.29	0.37	0.46	0.61	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.08	0.29	0.37	0.37	0.49	0.59	0.66	0.73	0.79	0.90	1.00					
12	0.08	0.29	0.37		0.46	0.54	0.61	0.68	0.73	0.83	0.92	1.00				
14	0.08	0.29	0.37		0.43	0.51	0.57	0.63	0.68	0.78	0.86	0.93	1.00			
16	0.09	0.29	0.38		0.41	0.49	0.55	0.60	0.65	0.74	0.81	0.88	0.94	1.00		
18	0.11	0.31	0.39		0.41	0.48	0.53	0.58	0.63	0.71	0.78	0.84	0.90	0.95	1.00	
20	0.12	0.32	0.40		0.40	0.46	0.52	0.56	0.61	0.68	0.75	0.81	0.86	0.91	0.96	1.00
24	0.16	0.35	0.43			0.46	0.51	0.55	0.59	0.65	0.71	0.76	0.81	0.85	0.89	0.93

Table 10 - P Factor Contouring EI = 50

Cover Condition 6 **Soil Hydrologic Group B**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.53	0.64	0.68		0.71	0.75	0.78	0.81	0.84	0.89	0.93	0.97	1.00			
16	0.59	0.68	0.72		0.74	0.77	0.80	0.82	0.84	0.88	0.92	0.95	0.97	1.00		
18	0.67	0.75	0.78		0.78	0.81	0.83	0.85	0.86	0.89	0.92	0.94	0.96	0.98	1.00	
20	0.75	0.81	0.83		0.83	0.85	0.86	0.88	0.89	0.91	0.93	0.94	0.96	0.97	0.99	1.00
24	0.92	0.94	0.95			0.95	0.95	0.96	0.96	0.97	0.97	0.98	0.98	0.99	0.99	0.99

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.39	0.53	0.58	0.82	1.00											
4	0.20	0.38	0.45	0.60	0.77	0.89	1.00									
6	0.17	0.36	0.43	0.51	0.65	0.76	0.85	0.93	1.00							
8	0.18	0.36	0.44	0.47	0.59	0.68	0.76	0.83	0.89	1.00						
10	0.19	0.37	0.45	0.45	0.55	0.63	0.70	0.76	0.82	0.92	1.00					
12	0.21	0.39	0.46		0.53	0.61	0.67	0.72	0.77	0.86	0.93	1.00				
14	0.24	0.41	0.48		0.53	0.59	0.65	0.70	0.74	0.82	0.88	0.94	1.00			
16	0.27	0.43	0.50		0.53	0.59	0.64	0.68	0.72	0.79	0.85	0.90	0.95	1.00		
18	0.30	0.46	0.52		0.54	0.59	0.63	0.67	0.71	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.33	0.48	0.54		0.54	0.59	0.63	0.67	0.70	0.76	0.81	0.85	0.89	0.93	0.97	1.00
24	0.41	0.54	0.60			0.62	0.65	0.68	0.71	0.75	0.80	0.83	0.86	0.90	0.92	0.95

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.40	0.53	0.59	0.82	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.32	0.47	0.54		0.60	0.66	0.71	0.76	0.80	0.88	0.94	1.00				
14	0.36	0.50	0.56		0.60	0.66	0.70	0.74	0.78	0.85	0.90	0.95	1.00			
16	0.41	0.54	0.60		0.62	0.67	0.71	0.74	0.77	0.83	0.88	0.92	0.96	1.00		
18	0.45	0.58	0.63		0.63	0.68	0.71	0.74	0.77	0.82	0.86	0.90	0.94	0.97	1.00	
20	0.51	0.62	0.67		0.67	0.70	0.73	0.76	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.62	0.71	0.74			0.76	0.78	0.80	0.81	0.84	0.87	0.89	0.91	0.93	0.95	0.97

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.39	0.53	0.58	0.82	1.00											
4	0.16	0.35	0.43	0.58	0.75	0.89	1.00									
6	0.11	0.31	0.39	0.47	0.62	0.74	0.84	0.92	1.00							
8	0.10	0.30	0.39	0.42	0.55	0.65	0.74	0.81	0.88	1.00						
10	0.11	0.31	0.39	0.39	0.51	0.60	0.67	0.74	0.80	0.91	1.00					
12	0.12	0.32	0.40		0.48	0.56	0.63	0.69	0.74	0.84	0.92	1.00				
14	0.14	0.33	0.41		0.47	0.54	0.60	0.66	0.71	0.79	0.87	0.94	1.00			
16	0.16	0.35	0.43		0.46	0.53	0.58	0.63	0.68	0.76	0.83	0.89	0.95	1.00		
18	0.18	0.37	0.44		0.46	0.52	0.57	0.62	0.66	0.73	0.79	0.85	0.91	0.95	1.00	
20	0.21	0.39	0.46		0.46	0.52	0.57	0.61	0.65	0.71	0.77	0.83	0.87	0.92	0.96	1.00
24	0.26	0.43	0.50			0.53	0.57	0.60	0.63	0.69	0.74	0.79	0.83	0.87	0.90	0.94

Table 10 - P Factor Contouring EI = 50

Cover Condition 6 **Soil Hydrologic Group C**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.51	0.62	0.66	0.86	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.56	0.66	0.70	0.70	0.76	0.80	0.84	0.87	0.90	0.95	1.00					
12	0.63	0.71	0.75		0.78	0.82	0.84	0.87	0.89	0.93	0.97	1.00				
14	0.72	0.78	0.81		0.83	0.85	0.87	0.89	0.90	0.93	0.96	0.98	1.00			
16	0.81	0.85	0.87		0.88	0.89	0.91	0.92	0.93	0.94	0.96	0.97	0.99	1.00		
18	0.91	0.93	0.94		0.94	0.95	0.95	0.96	0.96	0.97	0.98	0.98	0.99	0.99	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.43	0.56	0.61	0.83	1.00											
4	0.26	0.43	0.49	0.63	0.78	0.90	1.00									
6	0.23	0.40	0.47	0.54	0.67	0.77	0.86	0.93	1.00							
8	0.24	0.41	0.48	0.51	0.62	0.71	0.78	0.84	0.90	1.00						
10	0.26	0.43	0.49	0.49	0.59	0.67	0.73	0.78	0.83	0.92	1.00					
12	0.29	0.45	0.52		0.58	0.65	0.70	0.75	0.79	0.87	0.94	1.00				
14	0.33	0.48	0.54		0.58	0.64	0.69	0.73	0.77	0.84	0.90	0.95	1.00			
16	0.37	0.51	0.57		0.59	0.64	0.69	0.72	0.76	0.82	0.87	0.92	0.96	1.00		
18	0.42	0.55	0.60		0.61	0.66	0.70	0.73	0.76	0.81	0.85	0.90	0.93	0.97	1.00	
20	0.47	0.59	0.64		0.64	0.68	0.71	0.74	0.76	0.81	0.85	0.88	0.92	0.95	0.97	1.00
24	0.59	0.68	0.72			0.74	0.76	0.78	0.80	0.83	0.86	0.88	0.91	0.93	0.95	0.97

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.47	0.59	0.64	0.84	1.00											
4	0.35	0.50	0.56	0.68	0.81	0.91	1.00									
6	0.34	0.49	0.55	0.61	0.72	0.81	0.88	0.94	1.00							
8	0.36	0.50	0.56	0.59	0.68	0.75	0.81	0.87	0.91	1.00						
10	0.40	0.53	0.59	0.59	0.67	0.73	0.78	0.83	0.87	0.94	1.00					
12	0.44	0.57	0.62		0.67	0.72	0.76	0.80	0.84	0.90	0.95	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.56	0.66	0.70		0.72	0.75	0.78	0.81	0.83	0.87	0.91	0.94	0.97	1.00		
18	0.63	0.71	0.75		0.75	0.78	0.81	0.83	0.85	0.88	0.91	0.93	0.96	0.98	1.00	
20	0.71	0.78	0.80		0.80	0.82	0.84	0.86	0.87	0.89	0.92	0.94	0.95	0.97	0.99	1.00
24	0.87	0.90	0.91		0.91	0.92	0.92	0.93	0.94	0.95	0.95	0.96	0.97	0.98	0.98	0.99

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.41	0.54	0.60	0.83	1.00											
4	0.19	0.37	0.45	0.60	0.76	0.89	1.00									
6	0.14	0.33	0.41	0.49	0.64	0.75	0.84	0.93	1.00							
8	0.14	0.33	0.41	0.44	0.57	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.17	0.36	0.43		0.51	0.59	0.65	0.71	0.76	0.85	0.93	1.00				
14	0.20	0.38	0.45		0.50	0.57	0.63	0.68	0.73	0.81	0.88	0.94	1.00			
16	0.23	0.40	0.48		0.50	0.57	0.62	0.66	0.70	0.78	0.84	0.90	0.95	1.00		
18	0.26	0.43	0.50		0.51	0.56	0.61	0.65	0.69	0.76	0.81	0.87	0.91	0.96	1.00	
20	0.30	0.46	0.52		0.52	0.57	0.62	0.65	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.38	0.52	0.58			0.60	0.64	0.67	0.69	0.74	0.78	0.82	0.86	0.89	0.92	0.95

Table 10 - P Factor Contouring EI = 50

Cover Condition 6 **Soil Hydrologic Group D**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.56	0.66	0.70	0.87	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.51	0.62	0.67	0.71	0.79	0.86	0.91	0.96	1.00							
8	0.56	0.66	0.70	0.72	0.78	0.83	0.87	0.91	0.94	1.00						
10	0.63	0.71	0.75	0.75	0.80	0.83	0.86	0.89	0.92	0.96	1.00					
12	0.71	0.78	0.80		0.83	0.86	0.88	0.90	0.92	0.95	0.98	1.00				
14	0.80	0.84	0.86		0.88	0.89	0.91	0.92	0.93	0.95	0.97	0.99	1.00			
16	0.91	0.93	0.94		0.94	0.95	0.96	0.96	0.97	0.97	0.98	0.99	0.99	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.45	0.57	0.62	0.84	1.00											
4	0.29	0.45	0.51	0.65	0.79	0.90	1.00									
6	0.26	0.43	0.49	0.56	0.69	0.78	0.86	0.94	1.00							
8	0.27	0.43	0.50	0.53	0.64	0.72	0.79	0.85	0.90	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.33	0.48	0.54		0.60	0.67	0.72	0.76	0.81	0.88	0.94	1.00				
14	0.38	0.52	0.58		0.62	0.67	0.71	0.75	0.79	0.85	0.91	0.95	1.00			
16	0.43	0.56	0.61		0.63	0.68	0.72	0.75	0.78	0.83	0.88	0.92	0.96	1.00		
18	0.48	0.60	0.65		0.65	0.69	0.73	0.76	0.78	0.83	0.87	0.91	0.94	0.97	1.00	
20	0.54	0.64	0.69		0.69	0.72	0.75	0.77	0.79	0.83	0.87	0.90	0.93	0.95	0.98	1.00
24	0.68	0.75	0.78			0.79	0.81	0.83	0.84	0.87	0.89	0.91	0.93	0.94	0.96	0.97

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.39	0.53	0.58	0.70	0.82	0.92	1.00									
6	0.38	0.52	0.58	0.63	0.74	0.82	0.89	0.95	1.00							
8	0.40	0.53	0.59	0.61	0.70	0.77	0.82	0.87	0.92	1.00						
10	0.45	0.57	0.62	0.62	0.70	0.75	0.80	0.84	0.88	0.94	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.57	0.67	0.71		0.73	0.77	0.80	0.83	0.85	0.90	0.93	0.97	1.00			
16	0.64	0.72	0.75		0.77	0.80	0.82	0.84	0.86	0.90	0.93	0.95	0.98	1.00		
18	0.72	0.78	0.81		0.81	0.84	0.85	0.87	0.88	0.91	0.93	0.95	0.97	0.98	1.00	
20	0.81	0.85	0.87		0.87	0.88	0.90	0.91	0.91	0.93	0.95	0.96	0.97	0.98	0.99	1.00
24	0.99	0.99	0.99		0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.42	0.55	0.60	0.83	1.00											
4	0.21	0.39	0.46	0.61	0.77	0.89	1.00									
6	0.16	0.35	0.43	0.50	0.65	0.75	0.85	0.93	1.00							
8	0.16	0.35	0.43	0.46	0.58	0.68	0.75	0.82	0.89	1.00						
10	0.17	0.36	0.43	0.43	0.54	0.63	0.70	0.76	0.81	0.91	1.00					
12	0.19	0.37	0.45		0.52	0.60	0.66	0.71	0.76	0.85	0.93	1.00				
14	0.22	0.40	0.47		0.52	0.58	0.64	0.69	0.73	0.81	0.88	0.94	1.00			
16	0.26	0.43	0.50		0.52	0.58	0.63	0.68	0.72	0.79	0.85	0.90	0.95	1.00		
18	0.30	0.46	0.52		0.54	0.59	0.63	0.67	0.71	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.34	0.49	0.55		0.55	0.60	0.64	0.67	0.70	0.76	0.81	0.85	0.89	0.93	0.97	1.00
24	0.44	0.57	0.62			0.64	0.67	0.70	0.72	0.77	0.81	0.84	0.87	0.90	0.93	0.95

Table 10 - P Factor Contouring EI = 60

Cover Condition 3 Soil Hydrologic Group A

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.50	0.61	0.66		0.66	0.70	0.73	0.75	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.50	0.61	0.66			0.68	0.71	0.73	0.75	0.79	0.83	0.86	0.89	0.91	0.94	0.96

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.30	0.46	0.52	0.80	1.00											
4	0.15	0.34	0.42	0.58	0.75	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.15	0.34	0.42		0.50	0.58	0.64	0.70	0.75	0.85	0.93	1.00				
14	0.15	0.34	0.42		0.47	0.55	0.61	0.66	0.71	0.79	0.87	0.94	1.00			
16	0.15	0.34	0.42		0.45	0.52	0.58	0.63	0.67	0.75	0.82	0.89	0.95	1.00		
18	0.15	0.34	0.42		0.44	0.50	0.55	0.60	0.64	0.72	0.79	0.85	0.90	0.95	1.00	
20	0.15	0.34	0.42		0.42	0.48	0.53	0.58	0.62	0.69	0.76	0.81	0.86	0.91	0.96	1.00
24	0.17	0.36	0.44			0.47	0.51	0.55	0.59	0.66	0.71	0.76	0.81	0.85	0.89	0.93

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.30	0.46	0.52	0.80	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.30	0.46	0.52		0.54	0.59	0.63	0.67	0.71	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.30	0.46	0.52		0.52	0.57	0.62	0.65	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.30	0.46	0.52			0.55	0.59	0.62	0.65	0.71	0.76	0.80	0.84	0.88	0.91	0.94

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.34	0.49	0.55	0.81	1.00											
4	0.09	0.29	0.38	0.55	0.73	0.88	1.00									
6	0.08	0.29	0.37	0.46	0.61	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.08	0.29	0.37	0.37	0.49	0.59	0.66	0.73	0.79	0.90	1.00					
12	0.08	0.29	0.37		0.46	0.54	0.61	0.68	0.73	0.83	0.92	1.00				
14	0.08	0.29	0.37		0.43	0.51	0.57	0.63	0.68	0.78	0.86	0.93	1.00			
16	0.08	0.29	0.37		0.41	0.48	0.54	0.60	0.65	0.73	0.81	0.88	0.94	1.00		
18	0.09	0.30	0.38		0.40	0.46	0.52	0.57	0.62	0.70	0.77	0.84	0.90	0.95	1.00	
20	0.11	0.31	0.39		0.39	0.46	0.51	0.56	0.60	0.68	0.74	0.80	0.86	0.91	0.96	1.00
24	0.15	0.34	0.42			0.45	0.50	0.54	0.58	0.65	0.71	0.76	0.81	0.85	0.89	0.93

Table 10 - P Factor Contouring EI = 60

Cover Condition 3 Soil Hydrologic Group B

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.54	0.64	0.69		0.69	0.73	0.76	0.78	0.81	0.85	0.88	0.92	0.95	0.97	1.00	
20	0.60	0.69	0.73		0.73	0.76	0.78	0.80	0.82	0.86	0.88	0.91	0.94	0.96	0.98	1.00
24	0.74	0.80	0.82		0.82	0.83	0.85	0.86	0.87	0.89	0.91	0.93	0.94	0.95	0.97	0.98

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.36	0.50	0.56	0.81	1.00											
4	0.17	0.36	0.43	0.59	0.76	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.17	0.36	0.43		0.51	0.59	0.65	0.71	0.76	0.85	0.93	1.00				
14	0.19	0.37	0.45		0.50	0.57	0.62	0.68	0.72	0.80	0.88	0.94	1.00			
16	0.21	0.39	0.46		0.49	0.55	0.61	0.65	0.70	0.77	0.84	0.90	0.95	1.00		
18	0.24	0.41	0.48		0.50	0.55	0.60	0.64	0.68	0.75	0.81	0.86	0.91	0.96	1.00	
20	0.26	0.43	0.50		0.50	0.55	0.59	0.63	0.67	0.73	0.79	0.84	0.88	0.92	0.96	1.00
24	0.32	0.47	0.54			0.56	0.60	0.63	0.66	0.72	0.76	0.81	0.84	0.88	0.91	0.94

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.36	0.50	0.56	0.81	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.33	0.48	0.54		0.57	0.62	0.67	0.71	0.74	0.81	0.86	0.91	0.96	1.00		
18	0.36	0.51	0.56		0.58	0.62	0.66	0.70	0.73	0.79	0.84	0.88	0.93	0.96	1.00	
20	0.40	0.54	0.59		0.59	0.63	0.67	0.70	0.73	0.78	0.83	0.87	0.90	0.94	0.97	1.00
24	0.49	0.61	0.65			0.67	0.70	0.73	0.75	0.79	0.82	0.85	0.88	0.91	0.93	0.96

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.37	0.51	0.57	0.82	1.00											
4	0.14	0.33	0.41	0.57	0.75	0.88	1.00									
6	0.09	0.29	0.38	0.46	0.62	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.09	0.29	0.38	0.38	0.50	0.59	0.67	0.73	0.80	0.90	1.00					
12	0.10	0.30	0.39		0.47	0.55	0.62	0.68	0.74	0.84	0.92	1.00				
14	0.11	0.31	0.39		0.45	0.52	0.59	0.64	0.69	0.78	0.86	0.94	1.00			
16	0.13	0.33	0.41		0.44	0.51	0.57	0.62	0.67	0.75	0.82	0.89	0.95	1.00		
18	0.14	0.34	0.41		0.43	0.49	0.55	0.60	0.64	0.72	0.78	0.85	0.90	0.95	1.00	
20	0.16	0.35	0.43		0.43	0.49	0.54	0.58	0.62	0.70	0.76	0.81	0.87	0.91	0.96	1.00
24	0.20	0.38	0.46			0.49	0.53	0.57	0.61	0.67	0.72	0.77	0.82	0.86	0.90	0.93

Table 10 - P Factor Contouring EI = 60

Cover Condition 3 Soil Hydrologic Group C

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.53	0.64	0.68	0.68	0.74	0.79	0.83	0.86	0.89	0.95	1.00					
12	0.60	0.69	0.73		0.76	0.80	0.83	0.86	0.88	0.93	0.97	1.00				
14	0.68	0.75	0.78		0.80	0.83	0.85	0.87	0.89	0.92	0.95	0.98	1.00			
16	0.77	0.82	0.84		0.85	0.87	0.89	0.90	0.91	0.93	0.95	0.97	0.99	1.00		
18	0.87	0.90	0.91		0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	0.99	1.00	
20	0.97	0.98	0.98		0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.42	0.55	0.60	0.83	1.00											
4	0.25	0.42	0.49	0.63	0.78	0.90	1.00									
6	0.22	0.39	0.47	0.54	0.67	0.77	0.86	0.93	1.00							
8	0.23	0.40	0.47	0.50	0.62	0.70	0.78	0.84	0.90	1.00						
10	0.25	0.42	0.49	0.49	0.59	0.66	0.73	0.78	0.83	0.92	1.00					
12	0.28	0.44	0.51		0.57	0.64	0.70	0.75	0.79	0.87	0.94	1.00				
14	0.31	0.47	0.53		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.35	0.50	0.56		0.58	0.63	0.68	0.72	0.75	0.81	0.87	0.91	0.96	1.00		
18	0.40	0.54	0.59		0.60	0.65	0.68	0.72	0.75	0.80	0.85	0.89	0.93	0.97	1.00	
20	0.45	0.57	0.63		0.63	0.67	0.70	0.73	0.75	0.80	0.84	0.88	0.91	0.94	0.97	1.00
24	0.55	0.65	0.69			0.71	0.74	0.76	0.78	0.81	0.84	0.87	0.90	0.92	0.94	0.96

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.45	0.57	0.62	0.84	1.00											
4	0.33	0.48	0.54	0.67	0.80	0.91	1.00									
6	0.32	0.47	0.54	0.60	0.71	0.80	0.88	0.94	1.00							
8	0.34	0.49	0.55	0.57	0.67	0.74	0.81	0.86	0.91	1.00						
10	0.37	0.51	0.57	0.57	0.65	0.72	0.77	0.82	0.86	0.93	1.00					
12	0.42	0.55	0.60		0.66	0.71	0.76	0.80	0.83	0.89	0.95	1.00				
14	0.47	0.59	0.64		0.67	0.72	0.75	0.79	0.82	0.87	0.92	0.96	1.00			
16	0.53	0.64	0.68		0.70	0.73	0.77	0.79	0.82	0.86	0.90	0.94	0.97	1.00		
18	0.60	0.69	0.73		0.73	0.76	0.79	0.81	0.83	0.87	0.90	0.93	0.95	0.98	1.00	
20	0.67	0.74	0.78		0.78	0.80	0.82	0.84	0.85	0.88	0.91	0.93	0.95	0.97	0.98	1.00
24	0.82	0.86	0.88			0.88	0.89	0.90	0.91	0.93	0.94	0.95	0.96	0.97	0.98	0.99

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.41	0.54	0.60	0.83	1.00											
4	0.19	0.37	0.45	0.60	0.76	0.89	1.00									
6	0.14	0.33	0.41	0.49	0.64	0.75	0.84	0.93	1.00							
8	0.13	0.32	0.41	0.44	0.57	0.66	0.75	0.82	0.88	1.00						
10	0.14	0.33	0.41	0.41	0.53	0.61	0.69	0.75	0.81	0.91	1.00					
12	0.16	0.35	0.43		0.50	0.58	0.65	0.70	0.76	0.85	0.93	1.00				
14	0.19	0.37	0.45		0.50	0.57	0.62	0.68	0.72	0.80	0.88	0.94	1.00			
16	0.22	0.40	0.47		0.50	0.56	0.61	0.66	0.70	0.77	0.84	0.90	0.95	1.00		
18	0.24	0.41	0.48		0.50	0.55	0.60	0.64	0.68	0.75	0.81	0.86	0.91	0.96	1.00	
20	0.28	0.44	0.51		0.51	0.56	0.61	0.64	0.68	0.74	0.79	0.84	0.89	0.93	0.96	1.00
24	0.35	0.50	0.56			0.58	0.62	0.65	0.68	0.73	0.77	0.81	0.85	0.88	0.92	0.95

Table 10 - P Factor Contouring EI = 60

Cover Condition 3 Soil Hydrologic Group D

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.57	0.67	0.71	0.87	1.00											
4	0.51	0.62	0.67	0.76	0.86	0.93	1.00									
6	0.52	0.63	0.67	0.72	0.80	0.86	0.91	0.96	1.00							
8	0.57	0.67	0.71	0.72	0.79	0.83	0.87	0.91	0.94	1.00						
10	0.64	0.72	0.75	0.75	0.80	0.84	0.87	0.90	0.92	0.96	1.00					
12	0.72	0.78	0.81		0.83	0.86	0.88	0.90	0.92	0.95	0.98	1.00				
14	0.82	0.86	0.88		0.89	0.90	0.92	0.93	0.94	0.96	0.97	0.99	1.00			
16	0.93	0.95	0.95		0.95	0.96	0.97	0.97	0.97	0.98	0.99	0.99	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.46	0.58	0.63	0.84	1.00											
4	0.29	0.45	0.51	0.65	0.79	0.90	1.00									
6	0.27	0.43	0.50	0.57	0.69	0.79	0.87	0.94	1.00							
8	0.28	0.44	0.51	0.53	0.64	0.72	0.79	0.85	0.90	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.34	0.49	0.55		0.61	0.67	0.72	0.77	0.81	0.88	0.94	1.00				
14	0.39	0.53	0.58		0.62	0.67	0.72	0.76	0.79	0.85	0.91	0.96	1.00			
16	0.44	0.57	0.62		0.64	0.68	0.72	0.75	0.78	0.84	0.88	0.93	0.96	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.56	0.66	0.70		0.70	0.73	0.76	0.78	0.80	0.84	0.87	0.90	0.93	0.95	0.98	###
24	0.69	0.76	0.79			0.80	0.82	0.83	0.85	0.87	0.89	0.91	0.93	0.95	0.96	###

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.51	0.62	0.66	0.86	1.00											
4	0.40	0.53	0.59	0.70	0.82	0.92	1.00									
6	0.39	0.53	0.58	0.64	0.74	0.82	0.89	0.95	1.00							
8	0.41	0.54	0.60	0.62	0.71	0.77	0.83	0.88	0.92	1.00						
10	0.46	0.58	0.63	0.63	0.70	0.76	0.80	0.84	0.88	0.94	1.00					
12	0.51	0.62	0.67		0.71	0.76	0.79	0.83	0.86	0.91	0.96	1.00				
14	0.58	0.67	0.71		0.74	0.78	0.81	0.83	0.86	0.90	0.94	0.97	1.00			
16	0.66	0.74	0.77		0.78	0.81	0.83	0.85	0.87	0.90	0.93	0.96	0.98	1.00		
18	0.74	0.80	0.82		0.83	0.85	0.86	0.88	0.89	0.91	0.93	0.95	0.97	0.99	1.00	
20	0.83	0.87	0.88		0.88	0.90	0.91	0.92	0.92	0.94	0.95	0.96	0.97	0.98	0.99	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.43	0.56	0.61	0.83	1.00											
4	0.21	0.39	0.46	0.61	0.77	0.89	1.00									
6	0.16	0.35	0.43	0.50	0.65	0.75	0.85	0.93	1.00							
8	0.16	0.35	0.43	0.46	0.58	0.68	0.75	0.82	0.89	1.00						
10	0.18	0.36	0.44	0.44	0.55	0.63	0.70	0.76	0.82	0.91	1.00					
12	0.20	0.38	0.45		0.53	0.60	0.66	0.72	0.77	0.85	0.93	1.00				
14	0.23	0.40	0.47		0.52	0.59	0.64	0.69	0.74	0.81	0.88	0.94	1.00			
16	0.27	0.43	0.50		0.53	0.59	0.64	0.68	0.72	0.79	0.85	0.90	0.95	1.00		
18	0.31	0.47	0.53		0.54	0.59	0.64	0.68	0.71	0.77	0.83	0.88	0.92	0.96	1.00	
20	0.35	0.50	0.56		0.56	0.60	0.64	0.68	0.71	0.76	0.81	0.86	0.90	0.93	0.97	###
24	0.45	0.57	0.63			0.65	0.68	0.70	0.73	0.77	0.81	0.84	0.87	0.90	0.93	###

Table 10 - P Factor Contouring EI = 60

Cover Condition 4 Soil Hydrologic Group A

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.50	0.61	0.66		0.66	0.70	0.73	0.75	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.50	0.61	0.66			0.68	0.71	0.73	0.75	0.79	0.83	0.86	0.89	0.91	0.94	0.96

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.30	0.46	0.52	0.80	1.00											
4	0.15	0.34	0.42	0.58	0.75	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.15	0.34	0.42		0.50	0.58	0.64	0.70	0.75	0.85	0.93	1.00				
14	0.15	0.34	0.42		0.47	0.55	0.61	0.66	0.71	0.79	0.87	0.94	1.00			
16	0.15	0.34	0.42		0.45	0.52	0.58	0.63	0.67	0.75	0.82	0.89	0.95	1.00		
18	0.15	0.34	0.42		0.44	0.50	0.55	0.60	0.64	0.72	0.79	0.85	0.90	0.95	1.00	
20	0.15	0.34	0.42		0.42	0.48	0.53	0.58	0.62	0.69	0.76	0.81	0.86	0.91	0.96	1.00
24	0.18	0.37	0.44			0.47	0.52	0.56	0.60	0.66	0.72	0.77	0.81	0.85	0.89	0.93

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.30	0.46	0.52	0.80	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.30	0.46	0.52		0.54	0.59	0.63	0.67	0.71	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.30	0.46	0.52		0.52	0.57	0.62	0.65	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.30	0.46	0.52			0.55	0.59	0.62	0.65	0.71	0.76	0.80	0.84	0.88	0.91	0.94

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.34	0.49	0.55	0.81	1.00											
4	0.09	0.29	0.38	0.55	0.73	0.88	1.00									
6	0.08	0.29	0.37	0.46	0.61	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.08	0.29	0.37	0.37	0.49	0.59	0.66	0.73	0.79	0.90	1.00					
12	0.08	0.29	0.37		0.46	0.54	0.61	0.68	0.73	0.83	0.92	1.00				
14	0.08	0.29	0.37		0.43	0.51	0.57	0.63	0.68	0.78	0.86	0.93	1.00			
16	0.08	0.29	0.37		0.41	0.48	0.54	0.60	0.65	0.73	0.81	0.88	0.94	1.00		
18	0.09	0.30	0.38		0.40	0.46	0.52	0.57	0.62	0.70	0.77	0.84	0.90	0.95	1.00	
20	0.11	0.31	0.39		0.39	0.46	0.51	0.56	0.60	0.68	0.74	0.80	0.86	0.91	0.96	1.00
24	0.15	0.34	0.42			0.45	0.50	0.54	0.58	0.65	0.71	0.76	0.81	0.85	0.89	0.93

Table 10 - P Factor Contouring EI = 60

Cover Condition 4 Soil Hydrologic Group B

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.56	0.66	0.70		0.72	0.75	0.78	0.81	0.83	0.87	0.91	0.94	0.97	1.00		
18	0.63	0.71	0.75		0.75	0.78	0.81	0.83	0.85	0.88	0.91	0.93	0.96	0.98	1.00	
20	0.71	0.78	0.80		0.80	0.82	0.84	0.86	0.87	0.89	0.92	0.94	0.95	0.97	0.99	1.00
24	0.87	0.90	0.91		0.91	0.92	0.92	0.93	0.94	0.95	0.95	0.96	0.97	0.98	0.98	0.99

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.38	0.52	0.58	0.82	1.00											
4	0.19	0.37	0.45	0.60	0.76	0.89	1.00									
6	0.16	0.35	0.43	0.50	0.65	0.75	0.85	0.93	1.00							
8	0.17	0.36	0.43	0.46	0.59	0.68	0.76	0.83	0.89	1.00						
10	0.18	0.36	0.44	0.44	0.55	0.63	0.70	0.76	0.82	0.91	1.00					
12	0.20	0.38	0.45		0.53	0.60	0.66	0.72	0.77	0.85	0.93	1.00				
14	0.22	0.40	0.47		0.52	0.58	0.64	0.69	0.73	0.81	0.88	0.94	1.00			
16	0.25	0.42	0.49		0.52	0.58	0.63	0.67	0.71	0.78	0.85	0.90	0.95	1.00		
18	0.28	0.44	0.51		0.52	0.58	0.62	0.66	0.70	0.76	0.82	0.87	0.92	0.96	1.00	
20	0.31	0.47	0.53		0.53	0.58	0.62	0.66	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.38	0.52	0.58			0.60	0.64	0.67	0.69	0.74	0.78	0.82	0.86	0.89	0.92	0.95

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.39	0.53	0.58	0.82	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.34	0.49	0.55		0.59	0.65	0.69	0.74	0.77	0.84	0.90	0.95	1.00			
16	0.38	0.52	0.58		0.60	0.65	0.69	0.73	0.76	0.82	0.87	0.92	0.96	1.00		
18	0.43	0.56	0.61		0.62	0.66	0.70	0.73	0.76	0.81	0.86	0.90	0.93	0.97	1.00	
20	0.48	0.60	0.65		0.65	0.68	0.71	0.74	0.77	0.81	0.85	0.89	0.92	0.95	0.97	1.00
24	0.58	0.68	0.71			0.73	0.75	0.77	0.79	0.83	0.85	0.88	0.90	0.93	0.95	0.97

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.38	0.52	0.58	0.82	1.00											
4	0.15	0.34	0.42	0.58	0.75	0.89	1.00									
6	0.10	0.30	0.38	0.47	0.62	0.74	0.84	0.92	1.00							
8	0.10	0.30	0.39	0.42	0.55	0.65	0.74	0.81	0.88	1.00						
10	0.10	0.30	0.39	0.39	0.50	0.59	0.67	0.74	0.80	0.91	1.00					
12	0.12	0.32	0.40		0.48	0.56	0.63	0.69	0.74	0.84	0.92	1.00				
14	0.13	0.33	0.41		0.46	0.53	0.60	0.65	0.70	0.79	0.87	0.94	1.00			
16	0.15	0.34	0.42		0.45	0.52	0.58	0.63	0.67	0.75	0.82	0.89	0.95	1.00		
18	0.17	0.36	0.43		0.45	0.51	0.56	0.61	0.65	0.73	0.79	0.85	0.90	0.95	1.00	
20	0.19	0.37	0.45		0.45	0.51	0.56	0.60	0.64	0.71	0.77	0.82	0.87	0.92	0.96	1.00
24	0.24	0.41	0.48			0.51	0.55	0.59	0.63	0.68	0.74	0.78	0.83	0.87	0.90	0.94

Table 10 - P Factor Contouring EI = 60

Cover Condition 4 Soil Hydrologic Group C

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.52	0.63	0.67	0.86	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.51	0.62	0.67	0.68	0.76	0.81	0.86	0.90	0.93	1.00						
10	0.57	0.67	0.71	0.71	0.76	0.81	0.84	0.87	0.90	0.95	1.00					
12	0.65	0.73	0.76		0.79	0.83	0.85	0.88	0.90	0.94	0.97	1.00				
14	0.74	0.80	0.82		0.84	0.86	0.88	0.90	0.91	0.94	0.96	0.98	1.00			
16	0.83	0.87	0.88		0.89	0.90	0.92	0.93	0.93	0.95	0.96	0.98	0.99	1.00		
18	0.94	0.95	0.96		0.96	0.96	0.97	0.97	0.97	0.98	0.98	0.99	0.99	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.44	0.57	0.62	0.84	1.00											
4	0.27	0.43	0.50	0.64	0.79	0.90	1.00									
6	0.24	0.41	0.48	0.55	0.68	0.78	0.86	0.93	1.00							
8	0.25	0.42	0.49	0.52	0.63	0.71	0.78	0.84	0.90	1.00						
10	0.27	0.43	0.50	0.50	0.60	0.67	0.73	0.79	0.84	0.92	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.34	0.49	0.55		0.59	0.65	0.69	0.74	0.77	0.84	0.90	0.95	1.00			
16	0.38	0.52	0.58		0.60	0.65	0.69	0.73	0.76	0.82	0.87	0.92	0.96	1.00		
18	0.43	0.56	0.61		0.62	0.66	0.70	0.73	0.76	0.81	0.86	0.90	0.93	0.97	1.00	
20	0.49	0.61	0.65		0.65	0.69	0.72	0.75	0.77	0.82	0.85	0.89	0.92	0.95	0.97	1.00
24	0.61	0.70	0.74			0.75	0.77	0.79	0.81	0.84	0.86	0.89	0.91	0.93	0.95	0.97

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.48	0.60	0.64	0.85	1.00											
4	0.35	0.50	0.56	0.68	0.81	0.91	1.00									
6	0.35	0.50	0.56	0.62	0.73	0.81	0.88	0.94	1.00							
8	0.37	0.51	0.57	0.59	0.69	0.76	0.82	0.87	0.92	1.00						
10	0.41	0.54	0.60	0.60	0.67	0.73	0.78	0.83	0.87	0.94	1.00					
12	0.46	0.58	0.63		0.68	0.73	0.77	0.81	0.84	0.90	0.95	1.00				
14	0.52	0.63	0.67		0.70	0.74	0.78	0.81	0.84	0.88	0.93	0.96	1.00			
16	0.58	0.67	0.71		0.73	0.76	0.79	0.82	0.84	0.88	0.91	0.94	0.97	1.00		
18	0.65	0.73	0.76		0.77	0.79	0.82	0.84	0.85	0.88	0.91	0.94	0.96	0.98	1.00	
20	0.73	0.79	0.82		0.82	0.84	0.85	0.87	0.88	0.90	0.92	0.94	0.96	0.97	0.99	1.00
24	0.90	0.92	0.93		0.93	0.94	0.94	0.95	0.95	0.96	0.97	0.97	0.98	0.98	0.99	0.99

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.41	0.54	0.60	0.83	1.00											
4	0.20	0.38	0.45	0.60	0.77	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.14	0.33	0.41	0.44	0.57	0.67	0.75	0.82	0.89	1.00						
10	0.16	0.35	0.43	0.43	0.54	0.62	0.69	0.76	0.81	0.91	1.00					
12	0.18	0.36	0.44		0.52	0.59	0.65	0.71	0.76	0.85	0.93	1.00				
14	0.20	0.38	0.45		0.50	0.57	0.63	0.68	0.73	0.81	0.88	0.94	1.00			
16	0.23	0.40	0.48		0.50	0.57	0.62	0.66	0.70	0.78	0.84	0.90	0.95	1.00		
18	0.27	0.44	0.50		0.52	0.57	0.62	0.66	0.69	0.76	0.82	0.87	0.92	0.96	1.00	
20	0.31	0.47	0.53		0.53	0.58	0.62	0.66	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.39	0.53	0.59			0.61	0.64	0.67	0.70	0.75	0.79	0.83	0.86	0.89	0.92	0.95

Table 10 - P Factor Contouring EI = 60

Cover Condition 4 Soil Hydrologic Group D

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.59	0.68	0.72	0.88	1.00											
4	0.53	0.64	0.68	0.77	0.86	0.94	1.00									
6	0.54	0.64	0.69	0.73	0.81	0.87	0.92	0.96	1.00							
8	0.59	0.68	0.72	0.74	0.80	0.84	0.88	0.91	0.95	1.00						
10	0.66	0.74	0.77	0.77	0.81	0.85	0.88	0.90	0.92	0.96	1.00					
12	0.75	0.81	0.83		0.85	0.88	0.89	0.91	0.93	0.95	0.98	1.00				
14	0.86	0.89	0.90		0.91	0.93	0.94	0.94	0.95	0.97	0.98	0.99	1.00			
16	0.96	0.97	0.97		0.97	0.98	0.98	0.98	0.98	0.99	0.99	0.99	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade											
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18
2	0.47	0.59	0.64	0.84	1.00										
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00								
6	0.28	0.44	0.51	0.57	0.70	0.79	0.87	0.94	1.00						
8	0.29	0.45	0.51	0.54	0.65	0.73	0.79	0.85	0.91	1.00					
10	0.31	0.46	0.53	0.53	0.62	0.69	0.75	0.80	0.85	0.93	1.00				
12	0.35	0.50	0.56		0.62	0.68	0.73	0.77	0.81	0.88	0.94	1.00			
14	0.40	0.53	0.59		0.63	0.68	0.72	0.76	0.79	0.86	0.91	0.96	1.00		
16	0.46	0.58	0.63		0.65	0.70	0.73	0.76	0.79	0.84	0.89	0.93	0.97	1.00	
18	0.52	0.63	0.67		0.68	0.72	0.75	0.77	0.80	0.84	0.88	0.91	0.94	0.97	1.00
20	0.58	0.67	0.71		0.71	0.74	0.77	0.79	0.81	0.85	0.88	0.91	0.93	0.96	0.98
24	0.73	0.79	0.82			0.83	0.84	0.85	0.87	0.89	0.91	0.92	0.94	0.95	0.97

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.52	0.63	0.67	0.86	1.00											
4	0.41	0.54	0.60	0.71	0.83	0.92	1.00									
6	0.40	0.53	0.59	0.65	0.75	0.82	0.89	0.95	1.00							
8	0.43	0.56	0.61	0.63	0.72	0.78	0.83	0.88	0.92	1.00						
10	0.48	0.60	0.64	0.64	0.71	0.77	0.81	0.85	0.88	0.95	1.00					
12	0.53	0.64	0.68		0.72	0.77	0.80	0.83	0.86	0.91	0.96	1.00				
14	0.60	0.69	0.73		0.75	0.79	0.81	0.84	0.86	0.90	0.94	0.97	1.00			
16	0.68	0.75	0.78		0.79	0.82	0.84	0.86	0.88	0.91	0.93	0.96	0.98	1.00		
18	0.77	0.82	0.84		0.85	0.86	0.88	0.89	0.90	0.92	0.94	0.96	0.97	0.99	1.00	
20	0.86	0.89	0.90		0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	0.99	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade											
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18
2	0.43	0.56	0.61	0.83	1.00										
4	0.22	0.39	0.47	0.61	0.77	0.90	1.00								
6	0.17	0.36	0.43	0.51	0.65	0.76	0.85	0.93	1.00						
8	0.17	0.36	0.43	0.46	0.59	0.68	0.76	0.83	0.89	1.00					
10	0.18	0.36	0.44	0.44	0.55	0.63	0.70	0.76	0.82	0.91	1.00				
12	0.21	0.39	0.46		0.53	0.61	0.67	0.72	0.77	0.86	0.93	1.00			
14	0.24	0.41	0.48		0.53	0.59	0.65	0.70	0.74	0.82	0.88	0.94	1.00		
16	0.28	0.44	0.51		0.54	0.59	0.64	0.68	0.72	0.79	0.85	0.91	0.95	1.00	
18	0.32	0.47	0.54		0.55	0.60	0.64	0.68	0.72	0.78	0.83	0.88	0.92	0.96	1.00
20	0.37	0.51	0.57		0.57	0.62	0.65	0.69	0.72	0.77	0.82	0.86	0.90	0.94	0.97
24	0.47	0.59	0.64			0.66	0.69	0.72	0.74	0.78	0.82	0.85	0.88	0.91	0.93

Table 10 - P Factor Contouring EI = 60

Cover Condition 5 Soil Hydrologic Group A

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.50	0.61	0.66		0.66	0.70	0.73	0.75	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.50	0.61	0.66			0.68	0.71	0.73	0.75	0.79	0.83	0.86	0.89	0.91	0.94	0.96

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.32	0.47	0.54	0.80	1.00											
4	0.15	0.34	0.42	0.58	0.75	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.15	0.34	0.42		0.50	0.58	0.64	0.70	0.75	0.85	0.93	1.00				
14	0.15	0.34	0.42		0.47	0.55	0.61	0.66	0.71	0.79	0.87	0.94	1.00			
16	0.15	0.34	0.42		0.45	0.52	0.58	0.63	0.67	0.75	0.82	0.89	0.95	1.00		
18	0.15	0.34	0.42		0.44	0.50	0.55	0.60	0.64	0.72	0.79	0.85	0.90	0.95	1.00	
20	0.17	0.36	0.44		0.44	0.49	0.54	0.59	0.63	0.70	0.76	0.82	0.87	0.91	0.96	1.00
24	0.21	0.39	0.46			0.49	0.54	0.58	0.61	0.67	0.73	0.77	0.82	0.86	0.90	0.93

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.30	0.46	0.52	0.80	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.30	0.46	0.52		0.54	0.59	0.63	0.67	0.71	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.30	0.46	0.52		0.52	0.57	0.62	0.65	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.30	0.46	0.52			0.55	0.59	0.62	0.65	0.71	0.76	0.80	0.84	0.88	0.91	0.94

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.35	0.50	0.56	0.81	1.00											
4	0.11	0.31	0.39	0.56	0.74	0.88	1.00									
6	0.08	0.29	0.37	0.46	0.61	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.08	0.29	0.37	0.37	0.49	0.59	0.66	0.73	0.79	0.90	1.00					
12	0.08	0.29	0.37		0.46	0.54	0.61	0.68	0.73	0.83	0.92	1.00				
14	0.08	0.29	0.37		0.43	0.51	0.57	0.63	0.68	0.78	0.86	0.93	1.00			
16	0.09	0.29	0.38		0.41	0.49	0.55	0.60	0.65	0.74	0.81	0.88	0.94	1.00		
18	0.11	0.31	0.39		0.41	0.48	0.53	0.58	0.63	0.71	0.78	0.84	0.90	0.95	1.00	
20	0.13	0.33	0.41		0.41	0.47	0.52	0.57	0.61	0.68	0.75	0.81	0.86	0.91	0.96	1.00
24	0.17	0.36	0.44			0.47	0.51	0.55	0.59	0.66	0.71	0.76	0.81	0.85	0.89	0.93

Table 10 - P Factor Contouring EI = 60

Cover Condition 5 Soil Hydrologic Group B

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.57	0.67	0.71		0.73	0.77	0.80	0.83	0.85	0.90	0.93	0.97	1.00			
16	0.65	0.73	0.76		0.77	0.80	0.83	0.85	0.87	0.90	0.93	0.95	0.98	1.00		
18	0.73	0.79	0.82		0.82	0.84	0.86	0.87	0.89	0.91	0.93	0.95	0.97	0.98	1.00	
20	0.82	0.86	0.88		0.88	0.89	0.90	0.91	0.92	0.93	0.95	0.96	0.97	0.98	0.99	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.40	0.53	0.59	0.82	1.00											
4	0.21	0.39	0.46	0.61	0.77	0.89	1.00									
6	0.19	0.37	0.45	0.52	0.66	0.76	0.85	0.93	1.00							
8	0.19	0.37	0.45	0.48	0.60	0.69	0.76	0.83	0.89	1.00						
10	0.21	0.39	0.46	0.46	0.56	0.64	0.71	0.77	0.82	0.92	1.00					
12	0.23	0.40	0.47		0.55	0.62	0.68	0.73	0.78	0.86	0.93	1.00				
14	0.26	0.43	0.50		0.54	0.60	0.66	0.70	0.75	0.82	0.89	0.95	1.00			
16	0.29	0.45	0.52		0.54	0.60	0.65	0.69	0.73	0.79	0.85	0.91	0.96	1.00		
18	0.33	0.48	0.54		0.56	0.61	0.65	0.69	0.72	0.78	0.83	0.88	0.92	0.96	1.00	
20	0.37	0.51	0.57		0.57	0.62	0.65	0.69	0.72	0.77	0.82	0.86	0.90	0.94	0.97	1.00
24	0.45	0.57	0.63			0.65	0.68	0.70	0.73	0.77	0.81	0.84	0.87	0.90	0.93	0.95

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.41	0.54	0.60	0.83	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.31	0.46	0.53	0.53	0.62	0.69	0.75	0.80	0.85	0.93	1.00					
12	0.35	0.50	0.56		0.62	0.68	0.73	0.77	0.81	0.88	0.94	1.00				
14	0.40	0.53	0.59		0.63	0.68	0.72	0.76	0.79	0.86	0.91	0.96	1.00			
16	0.44	0.57	0.62		0.64	0.68	0.72	0.75	0.78	0.84	0.88	0.93	0.96	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.55	0.65	0.69		0.69	0.73	0.75	0.78	0.80	0.84	0.87	0.90	0.93	0.95	0.98	1.00
24	0.68	0.75	0.78			0.79	0.81	0.83	0.84	0.87	0.89	0.91	0.93	0.94	0.96	0.97

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.39	0.53	0.58	0.82	1.00											
4	0.17	0.36	0.43	0.59	0.76	0.89	1.00									
6	0.12	0.32	0.40	0.48	0.63	0.74	0.84	0.92	1.00							
8	0.11	0.31	0.39	0.43	0.56	0.66	0.74	0.81	0.88	1.00						
10	0.12	0.32	0.40	0.40	0.51	0.60	0.68	0.74	0.80	0.91	1.00					
12	0.13	0.33	0.41		0.49	0.57	0.63	0.69	0.75	0.84	0.93	1.00				
14	0.15	0.34	0.42		0.47	0.55	0.61	0.66	0.71	0.79	0.87	0.94	1.00			
16	0.18	0.36	0.44		0.47	0.54	0.59	0.64	0.68	0.76	0.83	0.89	0.95	1.00		
18	0.20	0.38	0.46		0.47	0.53	0.58	0.62	0.67	0.74	0.80	0.86	0.91	0.96	1.00	
20	0.23	0.40	0.48		0.48	0.53	0.58	0.62	0.66	0.72	0.78	0.83	0.88	0.92	0.96	1.00
24	0.29	0.45	0.52			0.54	0.58	0.62	0.65	0.71	0.75	0.80	0.84	0.87	0.91	0.94

Table 10 - P Factor Contouring EI = 60

Cover Condition 5 Soil Hydrologic Group C

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.56	0.66	0.70	0.87	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.55	0.65	0.69	0.71	0.78	0.83	0.87	0.91	0.94	1.00						
10	0.62	0.71	0.74	0.74	0.79	0.83	0.86	0.89	0.91	0.96	1.00					
12	0.70	0.77	0.80		0.82	0.85	0.87	0.89	0.91	0.95	0.97	1.00				
14	0.79	0.84	0.86		0.87	0.89	0.90	0.92	0.93	0.95	0.97	0.98	1.00			
16	0.90	0.92	0.93		0.94	0.94	0.95	0.96	0.96	0.97	0.98	0.99	0.99	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.45	0.57	0.62	0.84	1.00											
4	0.28	0.44	0.51	0.64	0.79	0.90	1.00									
6	0.26	0.43	0.49	0.56	0.69	0.78	0.86	0.94	1.00							
8	0.27	0.43	0.50	0.53	0.64	0.72	0.79	0.85	0.90	1.00						
10	0.29	0.45	0.52	0.52	0.61	0.68	0.74	0.79	0.84	0.93	1.00					
12	0.33	0.48	0.54		0.60	0.67	0.72	0.76	0.81	0.88	0.94	1.00				
14	0.37	0.51	0.57		0.61	0.66	0.71	0.75	0.78	0.85	0.90	0.95	1.00			
16	0.42	0.55	0.60		0.63	0.67	0.71	0.75	0.78	0.83	0.88	0.92	0.96	1.00		
18	0.47	0.59	0.64		0.65	0.69	0.72	0.75	0.78	0.83	0.87	0.90	0.94	0.97	1.00	
20	0.53	0.64	0.68		0.68	0.71	0.74	0.77	0.79	0.83	0.86	0.90	0.93	0.95	0.98	1.00
24	0.66	0.74	0.77			0.78	0.80	0.82	0.83	0.86	0.88	0.90	0.92	0.94	0.96	0.97

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.38	0.52	0.58	0.69	0.82	0.92	1.00									
6	0.37	0.51	0.57	0.63	0.73	0.82	0.88	0.95	1.00							
8	0.40	0.53	0.59	0.61	0.70	0.77	0.82	0.87	0.92	1.00						
10	0.44	0.57	0.62	0.62	0.69	0.75	0.79	0.84	0.87	0.94	1.00					
12	0.49	0.60	0.65		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.56	0.66	0.70		0.73	0.76	0.80	0.82	0.85	0.89	0.93	0.97	1.00			
16	0.63	0.71	0.75		0.76	0.79	0.82	0.84	0.86	0.89	0.92	0.95	0.98	1.00		
18	0.71	0.78	0.80		0.81	0.83	0.85	0.86	0.88	0.90	0.93	0.95	0.97	0.98	1.00	
20	0.79	0.84	0.86		0.86	0.87	0.88	0.90	0.91	0.92	0.94	0.95	0.97	0.98	0.99	1.00
24	0.98	0.98	0.99		0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.42	0.55	0.60	0.83	1.00											
4	0.21	0.39	0.46	0.61	0.77	0.89	1.00									
6	0.16	0.35	0.43	0.50	0.65	0.75	0.85	0.93	1.00							
8	0.16	0.35	0.43	0.46	0.58	0.68	0.75	0.82	0.89	1.00						
10	0.17	0.36	0.43	0.43	0.54	0.63	0.70	0.76	0.81	0.91	1.00					
12	0.19	0.37	0.45		0.52	0.60	0.66	0.71	0.76	0.85	0.93	1.00				
14	0.22	0.40	0.47		0.52	0.58	0.64	0.69	0.73	0.81	0.88	0.94	1.00			
16	0.26	0.43	0.50		0.52	0.58	0.63	0.68	0.72	0.79	0.85	0.90	0.95	1.00		
18	0.29	0.45	0.52		0.53	0.58	0.63	0.67	0.70	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.34	0.49	0.55		0.55	0.60	0.64	0.67	0.70	0.76	0.81	0.85	0.89	0.93	0.97	1.00
24	0.43	0.56	0.61			0.63	0.67	0.69	0.72	0.76	0.80	0.84	0.87	0.90	0.93	0.95

Table 10 - P Factor Contouring EI = 60

Cover Condition 5 Soil Hydrologic Group D

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.62	0.70	0.74	0.89	1.00											
4	0.57	0.67	0.71	0.79	0.87	0.94	1.00									
6	0.58	0.67	0.71	0.75	0.82	0.88	0.92	0.96	1.00							
8	0.63	0.71	0.75	0.76	0.82	0.86	0.89	0.92	0.95	1.00						
10	0.71	0.78	0.80	0.80	0.84	0.87	0.89	0.92	0.93	0.97	1.00					
12	0.80	0.84	0.86		0.88	0.90	0.92	0.93	0.94	0.96	0.98	1.00				
14	0.91	0.93	0.94		0.94	0.95	0.96	0.96	0.97	0.98	0.99	0.99	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.48	0.60	0.64	0.85	1.00											
4	0.32	0.47	0.54	0.66	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.31	0.46	0.53	0.55	0.66	0.73	0.80	0.86	0.91	1.00						
10	0.34	0.49	0.55	0.55	0.64	0.70	0.76	0.81	0.85	0.93	1.00					
12	0.38	0.52	0.58		0.63	0.69	0.74	0.78	0.82	0.89	0.95	1.00				
14	0.43	0.56	0.61		0.65	0.70	0.74	0.77	0.80	0.86	0.91	0.96	1.00			
16	0.49	0.60	0.65		0.67	0.71	0.75	0.78	0.80	0.85	0.89	0.93	0.97	1.00		
18	0.56	0.66	0.70		0.71	0.74	0.77	0.79	0.82	0.86	0.89	0.92	0.95	0.98	1.00	
20	0.63	0.71	0.75		0.75	0.77	0.80	0.82	0.83	0.87	0.89	0.92	0.94	0.96	0.98	1.00
24	0.79	0.84	0.86			0.87	0.88	0.89	0.90	0.91	0.93	0.94	0.95	0.96	0.97	0.98

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.55	0.65	0.69	0.87	1.00											
4	0.44	0.57	0.62	0.72	0.84	0.93	1.00									
6	0.43	0.56	0.61	0.66	0.76	0.83	0.90	0.95	1.00							
8	0.46	0.58	0.63	0.65	0.73	0.79	0.84	0.89	0.93	1.00						
10	0.51	0.62	0.67	0.67	0.73	0.78	0.82	0.86	0.89	0.95	1.00					
12	0.58	0.67	0.71		0.75	0.79	0.82	0.85	0.88	0.92	0.96	1.00				
14	0.65	0.73	0.76		0.78	0.81	0.84	0.86	0.88	0.92	0.95	0.97	1.00			
16	0.73	0.79	0.82		0.83	0.85	0.87	0.88	0.90	0.92	0.94	0.96	0.98	1.00		
18	0.83	0.87	0.88		0.89	0.90	0.91	0.92	0.93	0.94	0.96	0.97	0.98	0.99	1.00	
20	0.93	0.95	0.95		0.95	0.96	0.96	0.97	0.97	0.97	0.98	0.98	0.99	0.99	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.44	0.57	0.62	0.84	1.00											
4	0.23	0.40	0.47	0.62	0.77	0.90	1.00									
6	0.18	0.36	0.44	0.52	0.65	0.76	0.85	0.93	1.00							
8	0.18	0.36	0.44	0.47	0.59	0.68	0.76	0.83	0.89	1.00						
10	0.20	0.38	0.45	0.45	0.56	0.64	0.71	0.77	0.82	0.92	1.00					
12	0.22	0.40	0.47		0.54	0.61	0.67	0.72	0.77	0.86	0.93	1.00				
14	0.26	0.43	0.50		0.54	0.60	0.66	0.70	0.75	0.82	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.35	0.50	0.56		0.57	0.62	0.66	0.70	0.73	0.79	0.84	0.88	0.93	0.96	1.00	
20	0.41	0.54	0.60		0.60	0.64	0.68	0.71	0.74	0.79	0.83	0.87	0.91	0.94	0.97	1.00
24	0.52	0.63	0.67			0.69	0.72	0.74	0.76	0.80	0.83	0.86	0.89	0.91	0.94	0.96

Table 10 - P Factor Contouring EI = 60

Cover Condition 6 Soil Hydrologic Group A

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.50	0.61	0.66		0.66	0.70	0.73	0.75	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.54	0.64	0.69			0.70	0.73	0.75	0.77	0.81	0.84	0.87	0.89	0.92	0.94	0.96

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.34	0.49	0.55	0.81	1.00											
4	0.15	0.34	0.42	0.58	0.75	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.15	0.34	0.42		0.50	0.58	0.64	0.70	0.75	0.85	0.93	1.00				
14	0.15	0.34	0.42		0.47	0.55	0.61	0.66	0.71	0.79	0.87	0.94	1.00			
16	0.16	0.35	0.43		0.46	0.53	0.58	0.63	0.68	0.76	0.83	0.89	0.95	1.00		
18	0.17	0.36	0.43		0.45	0.51	0.56	0.61	0.65	0.73	0.79	0.85	0.90	0.95	1.00	
20	0.19	0.37	0.45		0.45	0.51	0.56	0.60	0.64	0.71	0.77	0.82	0.87	0.92	0.96	1.00
24	0.23	0.40	0.48			0.51	0.55	0.59	0.62	0.68	0.73	0.78	0.82	0.86	0.90	0.94

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.32	0.47	0.54	0.80	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.30	0.46	0.52		0.54	0.59	0.63	0.67	0.71	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.30	0.46	0.52		0.52	0.57	0.62	0.65	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.36	0.51	0.57			0.59	0.62	0.66	0.68	0.73	0.78	0.82	0.85	0.89	0.92	0.95

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.36	0.50	0.56	0.81	1.00											
4	0.12	0.32	0.40	0.56	0.74	0.88	1.00									
6	0.08	0.29	0.37	0.46	0.61	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.08	0.29	0.37	0.37	0.49	0.59	0.66	0.73	0.79	0.90	1.00					
12	0.08	0.29	0.37		0.46	0.54	0.61	0.68	0.73	0.83	0.92	1.00				
14	0.09	0.29	0.38		0.44	0.51	0.58	0.64	0.69	0.78	0.86	0.93	1.00			
16	0.11	0.31	0.39		0.43	0.50	0.56	0.61	0.66	0.74	0.82	0.88	0.94	1.00		
18	0.12	0.32	0.40		0.42	0.48	0.54	0.59	0.63	0.71	0.78	0.84	0.90	0.95	1.00	
20	0.14	0.33	0.41		0.41	0.48	0.53	0.57	0.62	0.69	0.75	0.81	0.86	0.91	0.96	1.00
24	0.18	0.37	0.44			0.47	0.52	0.56	0.60	0.66	0.72	0.77	0.81	0.85	0.89	0.93

Table 10 - P Factor Contouring EI = 60

Cover Condition 6 Soil Hydrologic Group B

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.51	0.62	0.67	0.67	0.73	0.78	0.82	0.86	0.89	0.95	1.00					
12	0.57	0.67	0.71		0.75	0.79	0.82	0.85	0.87	0.92	0.96	1.00				
14	0.65	0.73	0.76		0.78	0.81	0.84	0.86	0.88	0.92	0.95	0.97	1.00			
16	0.74	0.80	0.82		0.83	0.85	0.87	0.89	0.90	0.92	0.95	0.97	0.98	1.00		
18	0.83	0.87	0.88		0.89	0.90	0.91	0.92	0.93	0.94	0.96	0.97	0.98	0.99	1.00	
20	0.93	0.95	0.95		0.95	0.96	0.96	0.97	0.97	0.97	0.98	0.98	0.99	0.99	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.42	0.55	0.60	0.83	1.00											
4	0.24	0.41	0.48	0.62	0.78	0.90	1.00									
6	0.21	0.39	0.46	0.53	0.67	0.77	0.86	0.93	1.00							
8	0.22	0.39	0.47	0.50	0.61	0.70	0.77	0.84	0.90	1.00						
10	0.24	0.41	0.48	0.48	0.58	0.66	0.72	0.78	0.83	0.92	1.00					
12	0.26	0.43	0.49		0.56	0.63	0.69	0.74	0.78	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.34	0.49	0.55		0.57	0.63	0.67	0.71	0.75	0.81	0.86	0.91	0.96	1.00		
18	0.38	0.52	0.58		0.59	0.64	0.67	0.71	0.74	0.80	0.84	0.89	0.93	0.97	1.00	
20	0.42	0.55	0.61		0.61	0.65	0.68	0.71	0.74	0.79	0.83	0.87	0.91	0.94	0.97	1.00
24	0.52	0.63	0.67			0.69	0.72	0.74	0.76	0.80	0.83	0.86	0.89	0.91	0.94	0.96

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.44	0.57	0.62	0.84	1.00											
4	0.32	0.47	0.54	0.66	0.80	0.91	1.00									
6	0.31	0.46	0.53	0.59	0.71	0.80	0.87	0.94	1.00							
8	0.33	0.48	0.54	0.57	0.67	0.74	0.80	0.86	0.91	1.00						
10	0.36	0.50	0.56	0.56	0.65	0.71	0.77	0.81	0.86	0.93	1.00					
12	0.40	0.53	0.59		0.65	0.70	0.75	0.79	0.83	0.89	0.95	1.00				
14	0.45	0.57	0.62		0.66	0.71	0.75	0.78	0.81	0.87	0.92	0.96	1.00			
16	0.51	0.62	0.67		0.68	0.72	0.76	0.79	0.81	0.86	0.90	0.94	0.97	1.00		
18	0.57	0.67	0.71		0.71	0.75	0.77	0.80	0.82	0.86	0.89	0.92	0.95	0.98	1.00	
20	0.64	0.72	0.75		0.75	0.78	0.80	0.82	0.84	0.87	0.90	0.92	0.94	0.96	0.98	1.00
24	0.79	0.84	0.86			0.87	0.88	0.89	0.90	0.91	0.93	0.94	0.95	0.96	0.97	0.98

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.40	0.53	0.59	0.82	1.00											
4	0.18	0.36	0.44	0.59	0.76	0.89	1.00									
6	0.13	0.32	0.41	0.49	0.63	0.75	0.84	0.92	1.00							
8	0.13	0.32	0.41	0.44	0.57	0.66	0.75	0.82	0.88	1.00						
10	0.14	0.33	0.41	0.41	0.53	0.61	0.69	0.75	0.81	0.91	1.00					
12	0.15	0.34	0.42		0.50	0.58	0.64	0.70	0.75	0.85	0.93	1.00				
14	0.18	0.36	0.44		0.49	0.56	0.62	0.67	0.72	0.80	0.87	0.94	1.00			
16	0.20	0.38	0.45		0.48	0.55	0.60	0.65	0.69	0.77	0.83	0.89	0.95	1.00		
18	0.23	0.41	0.48		0.49	0.55	0.60	0.64	0.68	0.75	0.81	0.86	0.91	0.96	1.00	
20	0.26	0.43	0.50		0.50	0.55	0.59	0.63	0.67	0.73	0.79	0.84	0.88	0.92	0.96	1.00
24	0.34	0.49	0.55			0.58	0.61	0.65	0.67	0.73	0.77	0.81	0.85	0.88	0.92	0.95

Table 10 - P Factor Contouring EI = 60

Cover Condition 6 Soil Hydrologic Group C

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.59	0.68	0.72	0.88	1.00											
4	0.53	0.64	0.68	0.77	0.86	0.94	1.00									
6	0.54	0.64	0.69	0.73	0.81	0.87	0.92	0.96	1.00							
8	0.59	0.68	0.72	0.74	0.80	0.84	0.88	0.91	0.95	1.00						
10	0.66	0.74	0.77	0.77	0.81	0.85	0.88	0.90	0.92	0.96	1.00					
12	0.75	0.81	0.83		0.85	0.88	0.89	0.91	0.93	0.95	0.98	1.00				
14	0.85	0.88	0.90		0.91	0.92	0.93	0.94	0.95	0.96	0.98	0.99	1.00			
16	0.96	0.97	0.97		0.97	0.98	0.98	0.98	0.98	0.99	0.99	0.99	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.47	0.59	0.64	0.84	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.28	0.44	0.51	0.57	0.70	0.79	0.87	0.94	1.00							
8	0.29	0.45	0.51	0.54	0.65	0.73	0.79	0.85	0.91	1.00						
10	0.31	0.46	0.53	0.53	0.62	0.69	0.75	0.80	0.85	0.93	1.00					
12	0.35	0.50	0.56		0.62	0.68	0.73	0.77	0.81	0.88	0.94	1.00				
14	0.40	0.53	0.59		0.63	0.68	0.72	0.76	0.79	0.86	0.91	0.96	1.00			
16	0.46	0.58	0.63		0.65	0.70	0.73	0.76	0.79	0.84	0.89	0.93	0.97	1.00		
18	0.52	0.63	0.67		0.68	0.72	0.75	0.77	0.80	0.84	0.88	0.91	0.94	0.97	1.00	
20	0.58	0.67	0.71		0.71	0.74	0.77	0.79	0.81	0.85	0.88	0.91	0.93	0.96	0.98	1.00
24	0.73	0.79	0.82			0.83	0.84	0.85	0.87	0.89	0.91	0.92	0.94	0.95	0.97	0.98

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.52	0.63	0.67	0.86	1.00											
4	0.41	0.54	0.60	0.71	0.83	0.92	1.00									
6	0.40	0.53	0.59	0.65	0.75	0.82	0.89	0.95	1.00							
8	0.43	0.56	0.61	0.63	0.72	0.78	0.83	0.88	0.92	1.00						
10	0.48	0.60	0.64	0.64	0.71	0.77	0.81	0.85	0.88	0.95	1.00					
12	0.53	0.64	0.68		0.72	0.77	0.80	0.83	0.86	0.91	0.96	1.00				
14	0.60	0.69	0.73		0.75	0.79	0.81	0.84	0.86	0.90	0.94	0.97	1.00			
16	0.68	0.75	0.78		0.79	0.82	0.84	0.86	0.88	0.91	0.93	0.96	0.98	1.00		
18	0.77	0.82	0.84		0.85	0.86	0.88	0.89	0.90	0.92	0.94	0.96	0.97	0.99	1.00	
20	0.86	0.89	0.90		0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	0.99	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.43	0.56	0.61	0.83	1.00											
4	0.22	0.39	0.47	0.61	0.77	0.90	1.00									
6	0.17	0.36	0.43	0.51	0.65	0.76	0.85	0.93	1.00							
8	0.17	0.36	0.43	0.46	0.59	0.68	0.76	0.83	0.89	1.00						
10	0.18	0.36	0.44	0.44	0.55	0.63	0.70	0.76	0.82	0.91	1.00					
12	0.21	0.39	0.46		0.53	0.61	0.67	0.72	0.77	0.86	0.93	1.00				
14	0.24	0.41	0.48		0.53	0.59	0.65	0.70	0.74	0.82	0.88	0.94	1.00			
16	0.28	0.44	0.51		0.54	0.59	0.64	0.68	0.72	0.79	0.85	0.91	0.95	1.00		
18	0.32	0.47	0.54		0.55	0.60	0.64	0.68	0.72	0.78	0.83	0.88	0.92	0.96	1.00	
20	0.37	0.51	0.57		0.57	0.62	0.65	0.69	0.72	0.77	0.82	0.86	0.90	0.94	0.97	1.00
24	0.47	0.59	0.64			0.66	0.69	0.72	0.74	0.78	0.82	0.85	0.88	0.91	0.93	0.96

Table 10 - P Factor Contouring EI = 60

Cover Condition 6 Soil Hydrologic Group D

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.64	0.72	0.75	0.89	1.00											
4	0.59	0.68	0.72	0.80	0.88	0.95	1.00									
6	0.60	0.69	0.73	0.76	0.83	0.88	0.93	0.97	1.00							
8	0.66	0.74	0.77	0.78	0.83	0.87	0.90	0.93	0.95	1.00						
10	0.73	0.79	0.82	0.82	0.85	0.88	0.90	0.92	0.94	0.97	1.00					
12	0.83	0.87	0.88		0.90	0.92	0.93	0.94	0.95	0.97	0.99	1.00				
14	0.93	0.95	0.95		0.96	0.96	0.97	0.97	0.98	0.98	0.99	0.99	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.49	0.60	0.65	0.85	1.00											
4	0.33	0.48	0.54	0.67	0.80	0.91	1.00									
6	0.31	0.46	0.53	0.59	0.71	0.80	0.87	0.94	1.00							
8	0.32	0.47	0.54	0.56	0.66	0.74	0.80	0.86	0.91	1.00						
10	0.35	0.50	0.56	0.56	0.64	0.71	0.76	0.81	0.85	0.93	1.00					
12	0.40	0.53	0.59		0.65	0.70	0.75	0.79	0.83	0.89	0.95	1.00				
14	0.45	0.57	0.62		0.66	0.71	0.75	0.78	0.81	0.87	0.92	0.96	1.00			
16	0.52	0.63	0.67		0.69	0.73	0.76	0.79	0.82	0.86	0.90	0.94	0.97	1.00		
18	0.58	0.68	0.71		0.72	0.75	0.78	0.80	0.82	0.86	0.89	0.92	0.95	0.98	1.00	
20	0.66	0.74	0.77		0.77	0.79	0.81	0.83	0.85	0.88	0.90	0.93	0.95	0.97	0.98	1.00
24	0.83	0.87	0.88		0.88	0.89	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.56	0.66	0.70	0.87	1.00											
4	0.46	0.58	0.63	0.73	0.84	0.93	1.00									
6	0.45	0.57	0.62	0.67	0.77	0.84	0.90	0.95	1.00							
8	0.48	0.60	0.64	0.66	0.74	0.80	0.85	0.89	0.93	1.00						
10	0.53	0.64	0.68	0.68	0.74	0.79	0.83	0.86	0.89	0.95	1.00					
12	0.60	0.69	0.73		0.76	0.80	0.83	0.86	0.88	0.93	0.97	1.00				
14	0.67	0.74	0.77		0.80	0.82	0.85	0.87	0.89	0.92	0.95	0.98	1.00			
16	0.76	0.81	0.84		0.85	0.86	0.88	0.89	0.91	0.93	0.95	0.97	0.98	1.00		
18	0.86	0.89	0.90		0.91	0.92	0.93	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00	
20	0.96	0.97	0.97		0.97	0.98	0.98	0.98	0.98	0.99	0.99	0.99	0.99	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.44	0.57	0.62	0.84	1.00											
4	0.24	0.41	0.48	0.62	0.78	0.90	1.00									
6	0.19	0.37	0.45	0.52	0.66	0.76	0.85	0.93	1.00							
8	0.19	0.37	0.45	0.48	0.60	0.69	0.76	0.83	0.89	1.00						
10	0.20	0.38	0.45	0.45	0.56	0.64	0.71	0.77	0.82	0.92	1.00					
12	0.23	0.40	0.47		0.55	0.62	0.68	0.73	0.78	0.86	0.93	1.00				
14	0.27	0.43	0.50		0.55	0.61	0.66	0.71	0.75	0.82	0.89	0.95	1.00			
16	0.32	0.47	0.54		0.56	0.62	0.66	0.70	0.74	0.80	0.86	0.91	0.96	1.00		
18	0.37	0.51	0.57		0.58	0.63	0.67	0.70	0.74	0.79	0.84	0.89	0.93	0.96	1.00	
20	0.42	0.55	0.61		0.61	0.65	0.68	0.71	0.74	0.79	0.83	0.87	0.91	0.94	0.97	1.00
24	0.55	0.65	0.69			0.71	0.74	0.76	0.78	0.81	0.84	0.87	0.90	0.92	0.94	0.96

Table 10 - P Factor Contouring EI = 70

Cover Condition 3 **Soil Hydrologic Group A**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.50	0.61	0.66		0.66	0.70	0.73	0.75	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.50	0.61	0.66			0.68	0.71	0.73	0.75	0.79	0.83	0.86	0.89	0.91	0.94	0.96

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.31	0.46	0.53	0.80	1.00											
4	0.15	0.34	0.42	0.58	0.75	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.15	0.34	0.42		0.50	0.58	0.64	0.70	0.75	0.85	0.93	1.00				
14	0.15	0.34	0.42		0.47	0.55	0.61	0.66	0.71	0.79	0.87	0.94	1.00			
16	0.15	0.34	0.42		0.45	0.52	0.58	0.63	0.67	0.75	0.82	0.89	0.95	1.00		
18	0.15	0.34	0.42		0.44	0.50	0.55	0.60	0.64	0.72	0.79	0.85	0.90	0.95	1.00	
20	0.15	0.34	0.42		0.42	0.48	0.53	0.58	0.62	0.69	0.76	0.81	0.86	0.91	0.96	1.00
24	0.19	0.37	0.45			0.48	0.53	0.56	0.60	0.66	0.72	0.77	0.81	0.86	0.90	0.93

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.30	0.46	0.52	0.80	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.30	0.46	0.52		0.54	0.59	0.63	0.67	0.71	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.30	0.46	0.52		0.52	0.57	0.62	0.65	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
	0.30	0.46	0.52			0.55	0.59	0.62	0.65	0.71	0.76	0.80	0.84	0.88	0.91	0.94

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.34	0.49	0.55	0.81	1.00											
4	0.10	0.30	0.38	0.55	0.74	0.88	1.00									
6	0.08	0.29	0.37	0.46	0.61	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.08	0.29	0.37	0.37	0.49	0.59	0.66	0.73	0.79	0.90	1.00					
12	0.08	0.29	0.37		0.46	0.54	0.61	0.68	0.73	0.83	0.92	1.00				
14	0.08	0.29	0.37		0.43	0.51	0.57	0.63	0.68	0.78	0.86	0.93	1.00			
16	0.08	0.29	0.37		0.41	0.48	0.54	0.60	0.65	0.73	0.81	0.88	0.94	1.00		
18	0.10	0.31	0.39		0.40	0.47	0.53	0.58	0.62	0.70	0.77	0.84	0.90	0.95	1.00	
20	0.12	0.32	0.40		0.40	0.46	0.52	0.56	0.61	0.68	0.75	0.81	0.86	0.91	0.96	1.00
24	0.16	0.35	0.43			0.46	0.51	0.55	0.59	0.65	0.71	0.76	0.81	0.85	0.89	0.93

Table 10 - P Factor Contouring EI = 70

Cover Condition 3 **Soil Hydrologic Group B**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.53	0.64	0.68		0.71	0.75	0.78	0.81	0.84	0.89	0.93	0.97	1.00			
16	0.60	0.69	0.73		0.74	0.77	0.80	0.82	0.85	0.88	0.92	0.95	0.97	1.00		
18	0.67	0.75	0.78		0.78	0.81	0.83	0.85	0.86	0.89	0.92	0.94	0.96	0.98	1.00	
20	0.75	0.81	0.83		0.83	0.85	0.86	0.88	0.89	0.91	0.93	0.94	0.96	0.97	0.99	1.00
24	0.93	0.95	0.95		0.95	0.96	0.96	0.96	0.97	0.97	0.98	0.98	0.98	0.99	0.99	0.99

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.39	0.53	0.58	0.82	1.00											
4	0.20	0.38	0.45	0.60	0.77	0.89	1.00									
6	0.17	0.36	0.43	0.51	0.65	0.76	0.85	0.93	1.00							
8	0.18	0.36	0.44	0.47	0.59	0.68	0.76	0.83	0.89	1.00						
10	0.19	0.37	0.45	0.45	0.55	0.63	0.70	0.76	0.82	0.92	1.00					
12	0.22	0.40	0.47		0.54	0.61	0.67	0.72	0.77	0.86	0.93	1.00				
14	0.25	0.42	0.49		0.53	0.60	0.65	0.70	0.74	0.82	0.89	0.95	1.00			
16	0.28	0.44	0.51		0.54	0.59	0.64	0.68	0.72	0.79	0.85	0.91	0.95	1.00		
18	0.32	0.47	0.54		0.55	0.60	0.64	0.68	0.72	0.78	0.83	0.88	0.92	0.96	1.00	
20	0.36	0.50	0.56		0.56	0.61	0.65	0.68	0.71	0.77	0.82	0.86	0.90	0.93	0.97	1.00
24	0.45	0.57	0.63			0.65	0.68	0.70	0.73	0.77	0.81	0.84	0.87	0.90	0.93	0.95

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.40	0.53	0.59	0.82	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.32	0.47	0.54		0.60	0.66	0.71	0.76	0.80	0.88	0.94	1.00				
14	0.36	0.50	0.56		0.60	0.66	0.70	0.74	0.78	0.85	0.90	0.95	1.00			
16	0.41	0.54	0.60		0.62	0.67	0.71	0.74	0.77	0.83	0.88	0.92	0.96	1.00		
18	0.46	0.58	0.63		0.64	0.68	0.72	0.75	0.77	0.82	0.86	0.90	0.94	0.97	1.00	
20	0.51	0.62	0.67		0.67	0.70	0.73	0.76	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.62	0.71	0.74			0.76	0.78	0.80	0.81	0.84	0.87	0.89	0.91	0.93	0.95	0.97

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.39	0.53	0.58	0.82	1.00											
4	0.16	0.35	0.43	0.58	0.75	0.89	1.00									
6	0.11	0.31	0.39	0.47	0.62	0.74	0.84	0.92	1.00							
8	0.10	0.30	0.39	0.42	0.55	0.65	0.74	0.81	0.88	1.00						
10	0.11	0.31	0.39	0.39	0.51	0.60	0.67	0.74	0.80	0.91	1.00					
12	0.12	0.32	0.40		0.48	0.56	0.63	0.69	0.74	0.84	0.92	1.00				
14	0.14	0.33	0.41		0.47	0.54	0.60	0.66	0.71	0.79	0.87	0.94	1.00			
16	0.16	0.35	0.43		0.46	0.53	0.58	0.63	0.68	0.76	0.83	0.89	0.95	1.00		
18	0.18	0.37	0.44		0.46	0.52	0.57	0.62	0.66	0.73	0.79	0.85	0.91	0.95	1.00	
20	0.21	0.39	0.46		0.46	0.52	0.57	0.61	0.65	0.71	0.77	0.83	0.87	0.92	0.96	1.00
24	0.26	0.43	0.50			0.53	0.57	0.60	0.63	0.69	0.74	0.79	0.83	0.87	0.90	0.94

Table 10 - P Factor Contouring EI = 70

Cover Condition 3 **Soil Hydrologic Group C**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.56	0.66	0.70	0.87	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.51	0.62	0.67	0.71	0.79	0.86	0.91	0.96	1.00							
8	0.55	0.65	0.69	0.71	0.78	0.83	0.87	0.91	0.94	1.00						
10	0.62	0.71	0.74	0.74	0.79	0.83	0.86	0.89	0.91	0.96	1.00					
12	0.71	0.78	0.80		0.83	0.86	0.88	0.90	0.92	0.95	0.98	1.00				
14	0.80	0.84	0.86		0.88	0.89	0.91	0.92	0.93	0.95	0.97	0.99	1.00			
16	0.91	0.93	0.94		0.94	0.95	0.96	0.96	0.97	0.97	0.98	0.99	0.99	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.45	0.57	0.62	0.84	1.00											
4	0.29	0.45	0.51	0.65	0.79	0.90	1.00									
6	0.26	0.43	0.49	0.56	0.69	0.78	0.86	0.94	1.00							
8	0.27	0.43	0.50	0.53	0.64	0.72	0.79	0.85	0.90	1.00						
10	0.29	0.45	0.52	0.52	0.61	0.68	0.74	0.79	0.84	0.93	1.00					
12	0.33	0.48	0.54		0.60	0.67	0.72	0.76	0.81	0.88	0.94	1.00				
14	0.37	0.51	0.57		0.61	0.66	0.71	0.75	0.78	0.85	0.90	0.95	1.00			
16	0.42	0.55	0.60		0.63	0.67	0.71	0.75	0.78	0.83	0.88	0.92	0.96	1.00		
18	0.48	0.60	0.65		0.65	0.69	0.73	0.76	0.78	0.83	0.87	0.91	0.94	0.97	1.00	
20	0.54	0.64	0.69		0.69	0.72	0.75	0.77	0.79	0.83	0.87	0.90	0.93	0.95	0.98	1.00
24	0.67	0.74	0.78			0.79	0.81	0.82	0.84	0.86	0.89	0.91	0.92	0.94	0.96	0.97

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.39	0.53	0.58	0.70	0.82	0.92	1.00									
6	0.38	0.52	0.58	0.63	0.74	0.82	0.89	0.95	1.00							
8	0.40	0.53	0.59	0.61	0.70	0.77	0.82	0.87	0.92	1.00						
10	0.45	0.57	0.62	0.62	0.70	0.75	0.80	0.84	0.88	0.94	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.56	0.66	0.70		0.73	0.76	0.80	0.82	0.85	0.89	0.93	0.97	1.00			
16	0.64	0.72	0.75		0.77	0.80	0.82	0.84	0.86	0.90	0.93	0.95	0.98	1.00		
18	0.72	0.78	0.81		0.81	0.84	0.85	0.87	0.88	0.91	0.93	0.95	0.97	0.98	1.00	
20	0.80	0.85	0.86		0.86	0.88	0.89	0.90	0.91	0.93	0.94	0.96	0.97	0.98	0.99	1.00
24	0.99	0.99	0.99		0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.42	0.55	0.60	0.83	1.00											
4	0.21	0.39	0.46	0.61	0.77	0.89	1.00									
6	0.16	0.35	0.43	0.50	0.65	0.75	0.85	0.93	1.00							
8	0.16	0.35	0.43	0.46	0.58	0.68	0.75	0.82	0.89	1.00						
10	0.17	0.36	0.43	0.43	0.54	0.63	0.70	0.76	0.81	0.91	1.00					
12	0.19	0.37	0.45		0.52	0.60	0.66	0.71	0.76	0.85	0.93	1.00				
14	0.22	0.40	0.47		0.52	0.58	0.64	0.69	0.73	0.81	0.88	0.94	1.00			
16	0.26	0.43	0.50		0.52	0.58	0.63	0.68	0.72	0.79	0.85	0.90	0.95	1.00		
18	0.30	0.46	0.52		0.54	0.59	0.63	0.67	0.71	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.34	0.49	0.55		0.55	0.60	0.64	0.67	0.70	0.76	0.81	0.85	0.89	0.93	0.97	1.00
24	0.44	0.57	0.62			0.64	0.67	0.70	0.72	0.77	0.81	0.84	0.87	0.90	0.93	0.95

Table 10 - P Factor Contouring EI = 70

Cover Condition 3 **Soil Hydrologic Group D**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.64	0.72	0.75	0.89	1.00											
4	0.59	0.68	0.72	0.80	0.88	0.95	1.00									
6	0.60	0.69	0.73	0.76	0.83	0.88	0.93	0.97	1.00							
8	0.66	0.74	0.77	0.78	0.83	0.87	0.90	0.93	0.95	1.00						
10	0.74	0.80	0.82	0.82	0.86	0.88	0.90	0.92	0.94	0.97	1.00					
12	0.83	0.87	0.88		0.90	0.92	0.93	0.94	0.95	0.97	0.99	1.00				
14	0.94	0.95	0.96		0.96	0.97	0.97	0.98	0.98	0.99	0.99	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.49	0.60	0.65	0.85	1.00											
4	0.34	0.49	0.55	0.67	0.81	0.91	1.00									
6	0.31	0.46	0.53	0.59	0.71	0.80	0.87	0.94	1.00							
8	0.32	0.47	0.54	0.56	0.66	0.74	0.80	0.86	0.91	1.00						
10	0.35	0.50	0.56	0.56	0.64	0.71	0.76	0.81	0.85	0.93	1.00					
12	0.40	0.53	0.59		0.65	0.70	0.75	0.79	0.83	0.89	0.95	1.00				
14	0.45	0.57	0.62		0.66	0.71	0.75	0.78	0.81	0.87	0.92	0.96	1.00			
16	0.52	0.63	0.67		0.69	0.73	0.76	0.79	0.82	0.86	0.90	0.94	0.97	1.00		
18	0.59	0.68	0.72		0.73	0.76	0.78	0.81	0.83	0.87	0.90	0.93	0.95	0.98	1.00	
20	0.66	0.74	0.77		0.77	0.79	0.81	0.83	0.85	0.88	0.90	0.93	0.95	0.97	0.98	1.00
24	0.83	0.87	0.88		0.88	0.89	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.56	0.66	0.70	0.87	1.00											
4	0.46	0.58	0.63	0.73	0.84	0.93	1.00									
6	0.45	0.57	0.62	0.67	0.77	0.84	0.90	0.95	1.00							
8	0.48	0.60	0.64	0.66	0.74	0.80	0.85	0.89	0.93	1.00						
10	0.53	0.64	0.68	0.68	0.74	0.79	0.83	0.86	0.89	0.95	1.00					
12	0.60	0.69	0.73		0.76	0.80	0.83	0.86	0.88	0.93	0.97	1.00				
14	0.68	0.75	0.78		0.80	0.83	0.85	0.87	0.89	0.92	0.95	0.98	1.00			
16	0.77	0.82	0.84		0.85	0.87	0.89	0.90	0.91	0.93	0.95	0.97	0.99	1.00		
18	0.86	0.89	0.90		0.91	0.92	0.93	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00	
20	0.97	0.98	0.98		0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.44	0.57	0.62	0.84	1.00											
4	0.24	0.41	0.48	0.62	0.78	0.90	1.00									
6	0.19	0.37	0.45	0.52	0.66	0.76	0.85	0.93	1.00							
8	0.19	0.37	0.45	0.48	0.60	0.69	0.76	0.83	0.89	1.00						
10	0.20	0.38	0.45	0.45	0.56	0.64	0.71	0.77	0.82	0.92	1.00					
12	0.24	0.41	0.48		0.55	0.62	0.68	0.73	0.78	0.86	0.93	1.00				
14	0.27	0.43	0.50		0.55	0.61	0.66	0.71	0.75	0.82	0.89	0.95	1.00			
16	0.32	0.47	0.54		0.56	0.62	0.66	0.70	0.74	0.80	0.86	0.91	0.96	1.00		
18	0.37	0.51	0.57		0.58	0.63	0.67	0.70	0.74	0.79	0.84	0.89	0.93	0.96	1.00	
20	0.43	0.56	0.61		0.61	0.65	0.69	0.72	0.74	0.79	0.84	0.87	0.91	0.94	0.97	1.00
24	0.55	0.65	0.69			0.71	0.74	0.76	0.78	0.81	0.84	0.87	0.90	0.92	0.94	0.96

Table 10 - P Factor Contouring EI = 70

Cover Condition 4 **Soil Hydrologic Group A**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.50	0.61	0.66		0.66	0.70	0.73	0.75	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.50	0.61	0.66			0.68	0.71	0.73	0.75	0.79	0.83	0.86	0.89	0.91	0.94	0.96

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.32	0.47	0.54	0.80	1.00											
4	0.15	0.34	0.42	0.58	0.75	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.15	0.34	0.42		0.50	0.58	0.64	0.70	0.75	0.85	0.93	1.00				
14	0.15	0.34	0.42		0.47	0.55	0.61	0.66	0.71	0.79	0.87	0.94	1.00			
16	0.15	0.34	0.42		0.45	0.52	0.58	0.63	0.67	0.75	0.82	0.89	0.95	1.00		
18	0.15	0.34	0.42		0.44	0.50	0.55	0.60	0.64	0.72	0.79	0.85	0.90	0.95	1.00	
20	0.16	0.35	0.43		0.43	0.49	0.54	0.58	0.62	0.70	0.76	0.81	0.87	0.91	0.96	1.00
24	0.20	0.38	0.46			0.49	0.53	0.57	0.61	0.67	0.72	0.77	0.82	0.86	0.90	0.93

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.30	0.46	0.52	0.80	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.30	0.46	0.52		0.54	0.59	0.63	0.67	0.71	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.30	0.46	0.52		0.52	0.57	0.62	0.65	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.30	0.46	0.52			0.55	0.59	0.62	0.65	0.71	0.76	0.80	0.84	0.88	0.91	0.94

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.35	0.50	0.56	0.81	1.00											
4	0.10	0.30	0.38	0.55	0.74	0.88	1.00									
6	0.08	0.29	0.37	0.46	0.61	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.08	0.29	0.37	0.37	0.49	0.59	0.66	0.73	0.79	0.90	1.00					
12	0.08	0.29	0.37		0.46	0.54	0.61	0.68	0.73	0.83	0.92	1.00				
14	0.08	0.29	0.37		0.43	0.51	0.57	0.63	0.68	0.78	0.86	0.93	1.00			
16	0.09	0.29	0.38		0.41	0.49	0.55	0.60	0.65	0.74	0.81	0.88	0.94	1.00		
18	0.10	0.31	0.39		0.40	0.47	0.53	0.58	0.62	0.70	0.77	0.84	0.90	0.95	1.00	
20	0.12	0.32	0.40		0.40	0.46	0.52	0.56	0.61	0.68	0.75	0.81	0.86	0.91	0.96	1.00
24	0.16	0.35	0.43			0.46	0.51	0.55	0.59	0.65	0.71	0.76	0.81	0.85	0.89	0.93

Table 10 - P Factor Contouring EI = 70

Cover Condition 4 **Soil Hydrologic Group B**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.53	0.64	0.68		0.72	0.77	0.80	0.83	0.86	0.91	0.96	1.00				
14	0.61	0.70	0.73		0.76	0.79	0.82	0.84	0.87	0.91	0.94	0.97	1.00			
16	0.69	0.76	0.79		0.80	0.83	0.85	0.86	0.88	0.91	0.94	0.96	0.98	1.00		
18	0.78	0.83	0.85		0.85	0.87	0.88	0.90	0.91	0.93	0.94	0.96	0.97	0.99	1.00	
20	0.87	0.90	0.91		0.91	0.92	0.93	0.94	0.94	0.95	0.96	0.97	0.98	0.99	0.99	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.41	0.54	0.60	0.83	1.00											
4	0.22	0.39	0.47	0.61	0.77	0.90	1.00									
6	0.20	0.38	0.45	0.53	0.66	0.77	0.85	0.93	1.00							
8	0.20	0.38	0.45	0.48	0.60	0.69	0.77	0.83	0.89	1.00						
10	0.22	0.39	0.47	0.47	0.57	0.65	0.71	0.77	0.83	0.92	1.00					
12	0.25	0.42	0.49		0.56	0.63	0.68	0.74	0.78	0.86	0.94	1.00				
14	0.28	0.44	0.51		0.55	0.61	0.67	0.71	0.75	0.83	0.89	0.95	1.00			
16	0.31	0.47	0.53		0.56	0.61	0.66	0.70	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.35	0.50	0.56		0.57	0.62	0.66	0.70	0.73	0.79	0.84	0.88	0.93	0.96	1.00	
20	0.39	0.53	0.58		0.58	0.63	0.67	0.70	0.73	0.78	0.82	0.87	0.90	0.94	0.97	1.00
24	0.48	0.60	0.65			0.67	0.70	0.72	0.74	0.78	0.82	0.85	0.88	0.91	0.93	0.96

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.43	0.56	0.61	0.83	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.33	0.48	0.54	0.54	0.63	0.70	0.75	0.80	0.85	0.93	1.00					
12	0.37	0.51	0.57		0.63	0.69	0.73	0.78	0.82	0.89	0.95	1.00				
14	0.42	0.55	0.60		0.64	0.69	0.73	0.77	0.80	0.86	0.91	0.96	1.00			
16	0.47	0.59	0.64		0.66	0.70	0.74	0.77	0.80	0.85	0.89	0.93	0.97	1.00		
18	0.53	0.64	0.68		0.69	0.72	0.75	0.78	0.80	0.85	0.88	0.92	0.95	0.97	1.00	
20	0.59	0.68	0.72		0.72	0.75	0.78	0.80	0.82	0.85	0.88	0.91	0.93	0.96	0.98	1.00
24	0.72	0.78	0.81			0.82	0.84	0.85	0.86	0.88	0.90	0.92	0.94	0.95	0.96	0.98

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.40	0.53	0.59	0.82	1.00											
4	0.17	0.36	0.43	0.59	0.76	0.89	1.00									
6	0.12	0.32	0.40	0.48	0.63	0.74	0.84	0.92	1.00							
8	0.12	0.32	0.40	0.43	0.56	0.66	0.74	0.82	0.88	1.00						
10	0.13	0.33	0.41	0.41	0.52	0.61	0.68	0.75	0.80	0.91	1.00					
12	0.14	0.33	0.41		0.49	0.57	0.64	0.70	0.75	0.84	0.93	1.00				
14	0.16	0.35	0.43		0.48	0.55	0.61	0.66	0.71	0.80	0.87	0.94	1.00			
16	0.19	0.37	0.45		0.48	0.54	0.60	0.65	0.69	0.77	0.83	0.89	0.95	1.00		
18	0.21	0.39	0.46		0.48	0.54	0.59	0.63	0.67	0.74	0.80	0.86	0.91	0.96	1.00	
20	0.24	0.41	0.48		0.48	0.54	0.58	0.62	0.66	0.72	0.78	0.83	0.88	0.92	0.96	1.00
24	0.31	0.47	0.53			0.56	0.60	0.63	0.66	0.71	0.76	0.80	0.84	0.88	0.91	0.94

Table 10 - P Factor Contouring EI = 70

Cover Condition 4 **Soil Hydrologic Group C**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.59	0.68	0.72	0.88	1.00											
4	0.53	0.64	0.68	0.77	0.86	0.94	1.00									
6	0.54	0.64	0.69	0.73	0.81	0.87	0.92	0.96	1.00							
8	0.60	0.69	0.73	0.74	0.80	0.85	0.88	0.92	0.95	1.00						
10	0.67	0.74	0.77	0.77	0.82	0.85	0.88	0.90	0.93	0.97	1.00					
12	0.76	0.81	0.84		0.86	0.88	0.90	0.92	0.93	0.96	0.98	1.00				
14	0.86	0.89	0.90		0.91	0.93	0.94	0.94	0.95	0.97	0.98	0.99	1.00			
16	0.97	0.98	0.98		0.98	0.98	0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.47	0.59	0.64	0.84	1.00											
4	0.31	0.46	0.53	0.66	0.80	0.91	1.00									
6	0.28	0.44	0.51	0.57	0.70	0.79	0.87	0.94	1.00							
8	0.29	0.45	0.51	0.54	0.65	0.73	0.79	0.85	0.91	1.00						
10	0.32	0.47	0.54	0.54	0.62	0.69	0.75	0.80	0.85	0.93	1.00					
12	0.36	0.50	0.56		0.62	0.68	0.73	0.77	0.81	0.88	0.94	1.00				
14	0.41	0.54	0.60		0.63	0.68	0.73	0.76	0.80	0.86	0.91	0.96	1.00			
16	0.46	0.58	0.63		0.65	0.70	0.73	0.76	0.79	0.84	0.89	0.93	0.97	1.00		
18	0.52	0.63	0.67		0.68	0.72	0.75	0.77	0.80	0.84	0.88	0.91	0.94	0.97	1.00	
20	0.59	0.68	0.72		0.72	0.75	0.78	0.80	0.82	0.85	0.88	0.91	0.93	0.96	0.98	1.00
24	0.73	0.79	0.82			0.83	0.84	0.85	0.87	0.89	0.91	0.92	0.94	0.95	0.97	0.98

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.52	0.63	0.67	0.86	1.00											
4	0.41	0.54	0.60	0.71	0.83	0.92	1.00									
6	0.41	0.54	0.60	0.65	0.75	0.83	0.89	0.95	1.00							
8	0.43	0.56	0.61	0.63	0.72	0.78	0.83	0.88	0.92	1.00						
10	0.48	0.60	0.64	0.64	0.71	0.77	0.81	0.85	0.88	0.95	1.00					
12	0.54	0.64	0.69		0.73	0.77	0.81	0.84	0.87	0.92	0.96	1.00				
14	0.61	0.70	0.73		0.76	0.79	0.82	0.84	0.87	0.91	0.94	0.97	1.00			
16	0.69	0.76	0.79		0.80	0.83	0.85	0.86	0.88	0.91	0.94	0.96	0.98	1.00		
18	0.77	0.82	0.84		0.85	0.86	0.88	0.89	0.90	0.92	0.94	0.96	0.97	0.99	1.00	
20	0.87	0.90	0.91		0.91	0.92	0.93	0.94	0.94	0.95	0.96	0.97	0.98	0.99	0.99	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.43	0.56	0.61	0.83	1.00											
4	0.22	0.39	0.47	0.61	0.77	0.90	1.00									
6	0.17	0.36	0.43	0.51	0.65	0.76	0.85	0.93	1.00							
8	0.17	0.36	0.43	0.46	0.59	0.68	0.76	0.83	0.89	1.00						
10	0.18	0.36	0.44	0.44	0.55	0.63	0.70	0.76	0.82	0.91	1.00					
12	0.21	0.39	0.46		0.53	0.61	0.67	0.72	0.77	0.86	0.93	1.00				
14	0.24	0.41	0.48		0.53	0.59	0.65	0.70	0.74	0.82	0.88	0.94	1.00			
16	0.28	0.44	0.51		0.54	0.59	0.64	0.68	0.72	0.79	0.85	0.91	0.95	1.00		
18	0.33	0.48	0.54		0.56	0.61	0.65	0.69	0.72	0.78	0.83	0.88	0.92	0.96	1.00	
20	0.37	0.51	0.57		0.57	0.62	0.65	0.69	0.72	0.77	0.82	0.86	0.90	0.94	0.97	1.00
24	0.48	0.60	0.65			0.67	0.70	0.72	0.74	0.78	0.82	0.85	0.88	0.91	0.93	0.96

Table 10 - P Factor Contouring EI = 70

Cover Condition 4 **Soil Hydrologic Group D**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.66	0.74	0.77	0.90	1.00											
4	0.61	0.70	0.73	0.81	0.89	0.95	1.00									
6	0.63	0.71	0.75	0.78	0.84	0.89	0.93	0.97	1.00							
8	0.68	0.75	0.78	0.79	0.84	0.88	0.91	0.93	0.96	1.00						
10	0.76	0.81	0.84	0.84	0.87	0.89	0.91	0.93	0.95	0.97	1.00					
12	0.85	0.88	0.90		0.91	0.93	0.94	0.95	0.96	0.97	0.99	1.00				
14	0.96	0.97	0.97		0.98	0.98	0.98	0.98	0.99	0.99	0.99	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.35	0.50	0.56	0.68	0.81	0.91	1.00									
6	0.32	0.47	0.54	0.60	0.71	0.80	0.88	0.94	1.00							
8	0.33	0.48	0.54	0.57	0.67	0.74	0.80	0.86	0.91	1.00						
10	0.37	0.51	0.57	0.57	0.65	0.72	0.77	0.82	0.86	0.93	1.00					
12	0.41	0.54	0.60		0.65	0.71	0.75	0.79	0.83	0.89	0.95	1.00				
14	0.47	0.59	0.64		0.67	0.72	0.75	0.79	0.82	0.87	0.92	0.96	1.00			
16	0.54	0.64	0.69		0.70	0.74	0.77	0.80	0.82	0.87	0.91	0.94	0.97	1.00		
18	0.61	0.70	0.73		0.74	0.77	0.80	0.82	0.84	0.87	0.90	0.93	0.96	0.98	1.00	
20	0.69	0.76	0.79		0.79	0.81	0.83	0.85	0.86	0.89	0.91	0.93	0.95	0.97	0.98	1.00
24	0.86	0.89	0.90		0.90	0.91	0.92	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.98	0.99

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.57	0.67	0.71	0.87	1.00											
4	0.47	0.59	0.64	0.74	0.84	0.93	1.00									
6	0.47	0.59	0.64	0.69	0.78	0.85	0.90	0.95	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.55	0.65	0.69	0.69	0.75	0.80	0.84	0.87	0.90	0.95	1.00					
12	0.62	0.71	0.74		0.78	0.81	0.84	0.87	0.89	0.93	0.97	1.00				
14	0.70	0.77	0.80		0.81	0.84	0.86	0.88	0.90	0.93	0.95	0.98	1.00			
16	0.79	0.84	0.86		0.86	0.88	0.90	0.91	0.92	0.94	0.96	0.97	0.99	1.00		
18	0.89	0.92	0.93		0.93	0.94	0.94	0.95	0.95	0.96	0.97	0.98	0.99	0.99	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.45	0.57	0.62	0.84	1.00											
4	0.24	0.41	0.48	0.62	0.78	0.90	1.00									
6	0.20	0.38	0.45	0.53	0.66	0.77	0.85	0.93	1.00							
8	0.19	0.37	0.45	0.48	0.60	0.69	0.76	0.83	0.89	1.00						
10	0.21	0.39	0.46	0.46	0.56	0.64	0.71	0.77	0.82	0.92	1.00					
12	0.24	0.41	0.48		0.55	0.62	0.68	0.73	0.78	0.86	0.93	1.00				
14	0.28	0.44	0.51		0.55	0.61	0.67	0.71	0.75	0.83	0.89	0.95	1.00			
16	0.33	0.48	0.54		0.57	0.62	0.67	0.71	0.74	0.81	0.86	0.91	0.96	1.00		
18	0.39	0.53	0.58		0.59	0.64	0.68	0.71	0.74	0.80	0.85	0.89	0.93	0.97	1.00	
20	0.44	0.57	0.62		0.62	0.66	0.69	0.72	0.75	0.80	0.84	0.88	0.91	0.94	0.97	1.00
24	0.57	0.67	0.71			0.72	0.75	0.77	0.79	0.82	0.85	0.88	0.90	0.92	0.94	0.96

Table 10 - P Factor Contouring EI = 70

Cover Condition 5 **Soil Hydrologic Group A**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.50	0.61	0.66		0.66	0.70	0.73	0.75	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.58	0.68	0.71			0.73	0.75	0.77	0.79	0.83	0.85	0.88	0.90	0.93	0.95	0.97

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.34	0.49	0.55	0.81	1.00											
4	0.15	0.34	0.42	0.58	0.75	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.15	0.34	0.42		0.50	0.58	0.64	0.70	0.75	0.85	0.93	1.00				
14	0.15	0.34	0.42		0.47	0.55	0.61	0.66	0.71	0.79	0.87	0.94	1.00			
16	0.17	0.36	0.43		0.47	0.53	0.59	0.64	0.68	0.76	0.83	0.89	0.95	1.00		
18	0.19	0.37	0.45		0.46	0.52	0.57	0.62	0.66	0.73	0.80	0.85	0.91	0.95	1.00	
20	0.21	0.39	0.46		0.46	0.52	0.57	0.61	0.65	0.71	0.77	0.83	0.87	0.92	0.96	1.00
24	0.25	0.42	0.49			0.52	0.56	0.60	0.63	0.69	0.74	0.79	0.83	0.87	0.90	0.94

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.33	0.48	0.54	0.80	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.30	0.46	0.52		0.54	0.59	0.63	0.67	0.71	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.32	0.47	0.54		0.54	0.59	0.63	0.66	0.70	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.39	0.53	0.59			0.61	0.64	0.67	0.70	0.75	0.79	0.83	0.86	0.89	0.92	0.95

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.36	0.50	0.56	0.81	1.00											
4	0.13	0.32	0.41	0.57	0.75	0.88	1.00									
6	0.08	0.29	0.37	0.46	0.61	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.08	0.29	0.37	0.37	0.49	0.59	0.66	0.73	0.79	0.90	1.00					
12	0.08	0.29	0.37		0.46	0.54	0.61	0.68	0.73	0.83	0.92	1.00				
14	0.10	0.30	0.39		0.44	0.52	0.58	0.64	0.69	0.78	0.86	0.93	1.00			
16	0.11	0.31	0.39		0.43	0.50	0.56	0.61	0.66	0.74	0.82	0.88	0.94	1.00		
18	0.13	0.33	0.41		0.42	0.49	0.54	0.59	0.64	0.71	0.78	0.84	0.90	0.95	1.00	
20	0.14	0.33	0.41		0.41	0.48	0.53	0.57	0.62	0.69	0.75	0.81	0.86	0.91	0.96	1.00
24	0.18	0.37	0.44			0.47	0.52	0.56	0.60	0.66	0.72	0.77	0.81	0.85	0.89	0.93

Table 10 - P Factor Contouring EI = 70

Cover Condition 5 **Soil Hydrologic Group B**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.53	0.64	0.68	0.68	0.74	0.79	0.83	0.86	0.89	0.95	1.00					
12	0.61	0.70	0.73		0.77	0.81	0.84	0.86	0.89	0.93	0.97	1.00				
14	0.69	0.76	0.79		0.81	0.83	0.86	0.88	0.89	0.93	0.95	0.98	1.00			
16	0.78	0.83	0.85		0.86	0.88	0.89	0.90	0.92	0.94	0.95	0.97	0.99	1.00		
18	0.88	0.91	0.92		0.92	0.93	0.94	0.94	0.95	0.96	0.97	0.98	0.99	0.99	1.00	
20	0.99	0.99	0.99		0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.43	0.56	0.61	0.83	1.00											
4	0.25	0.42	0.49	0.63	0.78	0.90	1.00									
6	0.22	0.39	0.47	0.54	0.67	0.77	0.86	0.93	1.00							
8	0.23	0.40	0.47	0.50	0.62	0.70	0.78	0.84	0.90	1.00						
10	0.25	0.42	0.49	0.49	0.59	0.66	0.73	0.78	0.83	0.92	1.00					
12	0.28	0.44	0.51		0.57	0.64	0.70	0.75	0.79	0.87	0.94	1.00				
14	0.32	0.47	0.54		0.58	0.64	0.69	0.73	0.77	0.84	0.90	0.95	1.00			
16	0.36	0.50	0.56		0.59	0.64	0.68	0.72	0.75	0.81	0.87	0.92	0.96	1.00		
18	0.40	0.54	0.59		0.60	0.65	0.68	0.72	0.75	0.80	0.85	0.89	0.93	0.97	1.00	
20	0.45	0.57	0.63		0.63	0.67	0.70	0.73	0.75	0.80	0.84	0.88	0.91	0.94	0.97	1.00
24	0.56	0.66	0.70			0.72	0.74	0.76	0.78	0.82	0.85	0.87	0.90	0.92	0.94	0.96

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.46	0.58	0.63	0.84	1.00											
4	0.33	0.48	0.54	0.67	0.80	0.91	1.00									
6	0.32	0.47	0.54	0.60	0.71	0.80	0.88	0.94	1.00							
8	0.34	0.49	0.55	0.57	0.67	0.74	0.81	0.86	0.91	1.00						
10	0.38	0.52	0.58	0.58	0.66	0.72	0.77	0.82	0.86	0.94	1.00					
12	0.43	0.56	0.61		0.66	0.72	0.76	0.80	0.83	0.90	0.95	1.00				
14	0.48	0.60	0.65		0.68	0.72	0.76	0.79	0.82	0.87	0.92	0.96	1.00			
16	0.54	0.64	0.69		0.70	0.74	0.77	0.80	0.82	0.87	0.91	0.94	0.97	1.00		
18	0.61	0.70	0.73		0.74	0.77	0.80	0.82	0.84	0.87	0.90	0.93	0.96	0.98	1.00	
20	0.68	0.75	0.78		0.78	0.81	0.82	0.84	0.86	0.88	0.91	0.93	0.95	0.97	0.98	1.00
24	0.83	0.87	0.88		0.88	0.89	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.41	0.54	0.60	0.83	1.00											
4	0.19	0.37	0.45	0.60	0.76	0.89	1.00									
6	0.14	0.33	0.41	0.49	0.64	0.75	0.84	0.93	1.00							
8	0.13	0.32	0.41	0.44	0.57	0.66	0.75	0.82	0.88	1.00						
10	0.14	0.33	0.41	0.41	0.53	0.61	0.69	0.75	0.81	0.91	1.00					
12	0.16	0.35	0.43		0.50	0.58	0.65	0.70	0.76	0.85	0.93	1.00				
14	0.19	0.37	0.45		0.50	0.57	0.62	0.68	0.72	0.80	0.88	0.94	1.00			
16	0.22	0.40	0.47		0.50	0.56	0.61	0.66	0.70	0.77	0.84	0.90	0.95	1.00		
18	0.25	0.42	0.49		0.50	0.56	0.61	0.65	0.69	0.75	0.81	0.87	0.91	0.96	1.00	
20	0.28	0.44	0.51		0.51	0.56	0.61	0.64	0.68	0.74	0.79	0.84	0.89	0.93	0.96	1.00
24	0.36	0.51	0.57			0.59	0.62	0.66	0.68	0.73	0.78	0.82	0.85	0.89	0.92	0.95

Table 10 - P Factor Contouring EI = 70

Cover Condition 5 **Soil Hydrologic Group C**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.63	0.71	0.75	0.89	1.00											
4	0.57	0.67	0.71	0.79	0.87	0.94	1.00									
6	0.58	0.67	0.71	0.75	0.82	0.88	0.92	0.96	1.00							
8	0.64	0.72	0.75	0.77	0.82	0.86	0.89	0.92	0.95	1.00						
10	0.71	0.78	0.80	0.80	0.84	0.87	0.89	0.92	0.93	0.97	1.00					
12	0.81	0.85	0.87		0.89	0.91	0.92	0.93	0.94	0.97	0.98	1.00				
14	0.91	0.93	0.94		0.94	0.95	0.96	0.96	0.97	0.98	0.99	0.99	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.48	0.60	0.64	0.85	1.00											
4	0.33	0.48	0.54	0.67	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.31	0.46	0.53	0.55	0.66	0.73	0.80	0.86	0.91	1.00						
10	0.34	0.49	0.55	0.55	0.64	0.70	0.76	0.81	0.85	0.93	1.00					
12	0.38	0.52	0.58		0.63	0.69	0.74	0.78	0.82	0.89	0.95	1.00				
14	0.44	0.57	0.62		0.65	0.70	0.74	0.78	0.81	0.86	0.91	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.57	0.67	0.71		0.71	0.75	0.77	0.80	0.82	0.86	0.89	0.92	0.95	0.98	1.00	
20	0.64	0.72	0.75		0.75	0.78	0.80	0.82	0.84	0.87	0.90	0.92	0.94	0.96	0.98	1.00
24	0.80	0.85	0.86		0.86	0.87	0.88	0.89	0.90	0.92	0.93	0.94	0.95	0.96	0.97	0.98

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.55	0.65	0.69	0.87	1.00											
4	0.44	0.57	0.62	0.72	0.84	0.93	1.00									
6	0.44	0.57	0.62	0.67	0.76	0.84	0.90	0.95	1.00							
8	0.46	0.58	0.63	0.65	0.73	0.79	0.84	0.89	0.93	1.00						
10	0.51	0.62	0.67	0.67	0.73	0.78	0.82	0.86	0.89	0.95	1.00					
12	0.58	0.67	0.71		0.75	0.79	0.82	0.85	0.88	0.92	0.96	1.00				
14	0.65	0.73	0.76		0.78	0.81	0.84	0.86	0.88	0.92	0.95	0.97	1.00			
16	0.74	0.80	0.82		0.83	0.85	0.87	0.89	0.90	0.92	0.95	0.97	0.98	1.00		
18	0.83	0.87	0.88		0.89	0.90	0.91	0.92	0.93	0.94	0.96	0.97	0.98	0.99	1.00	
20	0.93	0.95	0.95		0.95	0.96	0.96	0.97	0.97	0.97	0.98	0.98	0.99	0.99	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.44	0.57	0.62	0.84	1.00											
4	0.23	0.40	0.47	0.62	0.77	0.90	1.00									
6	0.18	0.36	0.44	0.52	0.65	0.76	0.85	0.93	1.00							
8	0.18	0.36	0.44	0.47	0.59	0.68	0.76	0.83	0.89	1.00						
10	0.20	0.38	0.45	0.45	0.56	0.64	0.71	0.77	0.82	0.92	1.00					
12	0.23	0.40	0.47		0.55	0.62	0.68	0.73	0.78	0.86	0.93	1.00				
14	0.26	0.43	0.50		0.54	0.60	0.66	0.70	0.75	0.82	0.89	0.95	1.00			
16	0.31	0.47	0.53		0.56	0.61	0.66	0.70	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.36	0.51	0.56		0.58	0.62	0.66	0.70	0.73	0.79	0.84	0.88	0.93	0.96	1.00	
20	0.41	0.54	0.60		0.60	0.64	0.68	0.71	0.74	0.79	0.83	0.87	0.91	0.94	0.97	1.00
24	0.53	0.64	0.68			0.70	0.72	0.75	0.77	0.80	0.84	0.87	0.89	0.92	0.94	0.96

Table 10 - P Factor Contouring EI = 70

Cover Condition 5 **Soil Hydrologic Group D**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.70	0.77	0.79	0.91	1.00											
4	0.66	0.74	0.77	0.83	0.90	0.95	1.00									
6	0.67	0.74	0.77	0.80	0.86	0.90	0.94	0.97	1.00							
8	0.72	0.78	0.81	0.82	0.86	0.89	0.92	0.94	0.96	1.00						
10	0.80	0.84	0.86	0.86	0.89	0.91	0.93	0.94	0.96	0.98	1.00					
12	0.90	0.92	0.93		0.94	0.95	0.96	0.96	0.97	0.98	0.99	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.52	0.63	0.67	0.86	1.00											
4	0.37	0.51	0.57	0.69	0.82	0.92	1.00									
6	0.35	0.50	0.56	0.62	0.73	0.81	0.88	0.94	1.00							
8	0.36	0.50	0.56	0.59	0.68	0.75	0.81	0.87	0.91	1.00						
10	0.39	0.53	0.58	0.58	0.66	0.72	0.78	0.82	0.86	0.94	1.00					
12	0.44	0.57	0.62		0.67	0.72	0.76	0.80	0.84	0.90	0.95	1.00				
14	0.51	0.62	0.67		0.70	0.74	0.77	0.80	0.83	0.88	0.93	0.96	1.00			
16	0.58	0.67	0.71		0.73	0.76	0.79	0.82	0.84	0.88	0.91	0.94	0.97	1.00		
18	0.66	0.74	0.77		0.77	0.80	0.82	0.84	0.86	0.89	0.91	0.94	0.96	0.98	1.00	
20	0.75	0.81	0.83		0.83	0.85	0.86	0.88	0.89	0.91	0.93	0.94	0.96	0.97	0.99	1.00
24	0.93	0.95	0.95		0.95	0.96	0.96	0.96	0.97	0.97	0.98	0.98	0.98	0.99	0.99	0.99

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.60	0.69	0.73	0.88	1.00											
4	0.51	0.62	0.67	0.76	0.86	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.53	0.64	0.68	0.70	0.77	0.82	0.86	0.90	0.94	1.00						
10	0.59	0.68	0.72	0.72	0.77	0.82	0.85	0.88	0.91	0.96	1.00					
12	0.66	0.74	0.77		0.80	0.83	0.86	0.88	0.90	0.94	0.97	1.00				
14	0.75	0.81	0.83		0.84	0.87	0.88	0.90	0.91	0.94	0.96	0.98	1.00			
16	0.85	0.88	0.90		0.90	0.92	0.93	0.93	0.94	0.96	0.97	0.98	0.99	1.00		
18	0.95	0.96	0.97		0.97	0.97	0.97	0.98	0.98	0.98	0.99	0.99	0.99	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.46	0.58	0.63	0.84	1.00											
4	0.26	0.43	0.49	0.63	0.78	0.90	1.00									
6	0.21	0.39	0.46	0.53	0.67	0.77	0.86	0.93	1.00							
8	0.21	0.39	0.46	0.49	0.61	0.69	0.77	0.84	0.89	1.00						
10	0.23	0.40	0.47	0.47	0.58	0.65	0.72	0.78	0.83	0.92	1.00					
12	0.26	0.43	0.49		0.56	0.63	0.69	0.74	0.78	0.87	0.94	1.00				
14	0.31	0.47	0.53		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.36	0.50	0.56		0.59	0.64	0.68	0.72	0.75	0.81	0.87	0.92	0.96	1.00		
18	0.42	0.55	0.60		0.61	0.66	0.70	0.73	0.76	0.81	0.85	0.90	0.93	0.97	1.00	
20	0.48	0.60	0.65		0.65	0.68	0.71	0.74	0.77	0.81	0.85	0.89	0.92	0.95	0.97	1.00
24	0.63	0.71	0.75			0.76	0.78	0.80	0.82	0.85	0.87	0.89	0.92	0.93	0.95	0.97

Table 10 - P Factor Contouring EI = 70

Cover Condition 6 **Soil Hydrologic Group A**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.51	0.62	0.67		0.67	0.71	0.74	0.77	0.79	0.84	0.88	0.91	0.94	0.97	1.00	
20	0.57	0.67	0.71		0.71	0.74	0.76	0.79	0.81	0.84	0.88	0.91	0.93	0.96	0.98	1.00
24	0.70	0.77	0.80			0.81	0.82	0.84	0.85	0.88	0.90	0.91	0.93	0.95	0.96	0.98

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.36	0.50	0.56	0.81	1.00											
4	0.16	0.35	0.43	0.58	0.75	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.16	0.35	0.43		0.50	0.58	0.65	0.70	0.76	0.85	0.93	1.00				
14	0.18	0.36	0.44		0.49	0.56	0.62	0.67	0.72	0.80	0.87	0.94	1.00			
16	0.20	0.38	0.45		0.48	0.55	0.60	0.65	0.69	0.77	0.83	0.89	0.95	1.00		
18	0.23	0.41	0.48		0.49	0.55	0.60	0.64	0.68	0.75	0.81	0.86	0.91	0.96	1.00	
20	0.25	0.42	0.49		0.49	0.54	0.59	0.63	0.66	0.73	0.78	0.83	0.88	0.92	0.96	1.00
24	0.31	0.47	0.53			0.56	0.60	0.63	0.66	0.71	0.76	0.80	0.84	0.88	0.91	0.94

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.35	0.50	0.56	0.81	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.31	0.47	0.53		0.56	0.61	0.66	0.70	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.38	0.52	0.58		0.58	0.62	0.66	0.69	0.72	0.78	0.82	0.86	0.90	0.94	0.97	1.00
24	0.47	0.59	0.64			0.66	0.69	0.72	0.74	0.78	0.82	0.85	0.88	0.91	0.93	0.96

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.37	0.51	0.57	0.82	1.00											
4	0.14	0.33	0.41	0.57	0.75	0.88	1.00									
6	0.08	0.29	0.37	0.46	0.61	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.09	0.29	0.38	0.38	0.50	0.59	0.67	0.73	0.80	0.90	1.00					
12	0.10	0.30	0.39		0.47	0.55	0.62	0.68	0.74	0.84	0.92	1.00				
14	0.11	0.31	0.39		0.45	0.52	0.59	0.64	0.69	0.78	0.86	0.94	1.00			
16	0.12	0.32	0.40		0.43	0.50	0.56	0.61	0.66	0.75	0.82	0.88	0.94	1.00		
18	0.14	0.34	0.41		0.43	0.49	0.55	0.60	0.64	0.72	0.78	0.85	0.90	0.95	1.00	
20	0.15	0.34	0.42		0.42	0.48	0.53	0.58	0.62	0.69	0.76	0.81	0.86	0.91	0.96	1.00
24	0.19	0.37	0.45			0.48	0.53	0.56	0.60	0.66	0.72	0.77	0.81	0.86	0.90	0.93

Table 10 - P Factor Contouring EI = 70

Cover Condition 6 **Soil Hydrologic Group B**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.54	0.64	0.69	0.87	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.53	0.64	0.68	0.70	0.77	0.82	0.86	0.90	0.94	1.00						
10	0.60	0.69	0.73	0.73	0.78	0.82	0.85	0.88	0.91	0.96	1.00					
12	0.68	0.75	0.78		0.81	0.84	0.87	0.89	0.91	0.94	0.97	1.00				
14	0.77	0.82	0.84		0.86	0.88	0.89	0.91	0.92	0.94	0.96	0.98	1.00			
16	0.88	0.91	0.92		0.92	0.93	0.94	0.95	0.95	0.97	0.98	0.98	0.99	1.00		
18	0.99	0.99	0.99		0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.45	0.57	0.62	0.84	1.00											
4	0.28	0.44	0.51	0.64	0.79	0.90	1.00									
6	0.25	0.42	0.49	0.56	0.68	0.78	0.86	0.93	1.00							
8	0.26	0.43	0.49	0.52	0.63	0.71	0.78	0.85	0.90	1.00						
10	0.28	0.44	0.51	0.51	0.60	0.68	0.74	0.79	0.84	0.92	1.00					
12	0.32	0.47	0.54		0.60	0.66	0.71	0.76	0.80	0.88	0.94	1.00				
14	0.36	0.50	0.56		0.60	0.66	0.70	0.74	0.78	0.85	0.90	0.95	1.00			
16	0.41	0.54	0.60		0.62	0.67	0.71	0.74	0.77	0.83	0.88	0.92	0.96	1.00		
18	0.46	0.58	0.63		0.64	0.68	0.72	0.75	0.77	0.82	0.86	0.90	0.94	0.97	1.00	
20	0.52	0.63	0.67		0.67	0.71	0.74	0.76	0.79	0.83	0.86	0.89	0.92	0.95	0.98	1.00
24	0.64	0.72	0.76			0.77	0.79	0.81	0.82	0.85	0.88	0.90	0.92	0.94	0.95	0.97

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.49	0.60	0.65	0.85	1.00											
4	0.37	0.51	0.57	0.69	0.82	0.92	1.00									
6	0.36	0.50	0.56	0.62	0.73	0.81	0.88	0.94	1.00							
8	0.39	0.53	0.58	0.61	0.70	0.76	0.82	0.87	0.92	1.00						
10	0.43	0.56	0.61	0.61	0.69	0.74	0.79	0.83	0.87	0.94	1.00					
12	0.48	0.60	0.65		0.69	0.74	0.78	0.82	0.85	0.91	0.96	1.00				
14	0.54	0.64	0.69		0.71	0.75	0.79	0.82	0.84	0.89	0.93	0.97	1.00			
16	0.61	0.70	0.73		0.75	0.78	0.81	0.83	0.85	0.89	0.92	0.95	0.98	1.00		
18	0.69	0.76	0.79		0.79	0.82	0.84	0.85	0.87	0.90	0.92	0.94	0.96	0.98	1.00	
20	0.77	0.82	0.84		0.84	0.86	0.87	0.89	0.90	0.92	0.93	0.95	0.96	0.98	0.99	1.00
24	0.95	0.96	0.97			0.97	0.97	0.97	0.98	0.98	0.98	0.99	0.99	0.99	0.99	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.42	0.55	0.60	0.83	1.00											
4	0.20	0.38	0.45	0.60	0.77	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.16	0.35	0.43	0.43	0.54	0.62	0.69	0.76	0.81	0.91	1.00					
12	0.19	0.37	0.45		0.52	0.60	0.66	0.71	0.76	0.85	0.93	1.00				
14	0.21	0.39	0.46		0.51	0.58	0.63	0.68	0.73	0.81	0.88	0.94	1.00			
16	0.25	0.42	0.49		0.52	0.58	0.63	0.67	0.71	0.78	0.85	0.90	0.95	1.00		
18	0.29	0.45	0.52		0.53	0.58	0.63	0.67	0.70	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.33	0.48	0.54		0.54	0.59	0.63	0.67	0.70	0.76	0.81	0.85	0.89	0.93	0.97	1.00
24	0.42	0.55	0.61			0.63	0.66	0.69	0.71	0.76	0.80	0.83	0.87	0.90	0.93	0.95

Table 10 - P Factor Contouring EI = 70

Cover Condition 6 **Soil Hydrologic Group C**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.66	0.74	0.77	0.90	1.00											
4	0.61	0.70	0.73	0.81	0.89	0.95	1.00									
6	0.63	0.71	0.75	0.78	0.84	0.89	0.93	0.97	1.00							
8	0.68	0.75	0.78	0.79	0.84	0.88	0.91	0.93	0.96	1.00						
10	0.76	0.81	0.84	0.84	0.87	0.89	0.91	0.93	0.95	0.97	1.00					
12	0.85	0.88	0.90		0.91	0.93	0.94	0.95	0.96	0.97	0.99	1.00				
14	0.96	0.97	0.97		0.98	0.98	0.98	0.98	0.99	0.99	0.99	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.35	0.50	0.56	0.68	0.81	0.91	1.00									
6	0.32	0.47	0.54	0.60	0.71	0.80	0.88	0.94	1.00							
8	0.33	0.48	0.54	0.57	0.67	0.74	0.80	0.86	0.91	1.00						
10	0.37	0.51	0.57	0.57	0.65	0.72	0.77	0.82	0.86	0.93	1.00					
12	0.41	0.54	0.60		0.65	0.71	0.75	0.79	0.83	0.89	0.95	1.00				
14	0.47	0.59	0.64		0.67	0.72	0.75	0.79	0.82	0.87	0.92	0.96	1.00			
16	0.54	0.64	0.69		0.70	0.74	0.77	0.80	0.82	0.87	0.91	0.94	0.97	1.00		
18	0.61	0.70	0.73		0.74	0.77	0.80	0.82	0.84	0.87	0.90	0.93	0.96	0.98	1.00	
20	0.69	0.76	0.79		0.79	0.81	0.83	0.85	0.86	0.89	0.91	0.93	0.95	0.97	0.98	1.00
24	0.86	0.89	0.90		0.90	0.91	0.92	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.98	0.99

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.57	0.67	0.71	0.87	1.00											
4	0.47	0.59	0.64	0.74	0.84	0.93	1.00									
6	0.47	0.59	0.64	0.69	0.78	0.85	0.90	0.95	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.55	0.65	0.69	0.69	0.75	0.80	0.84	0.87	0.90	0.95	1.00					
12	0.62	0.71	0.74		0.78	0.81	0.84	0.87	0.89	0.93	0.97	1.00				
14	0.70	0.77	0.80		0.81	0.84	0.86	0.88	0.90	0.93	0.95	0.98	1.00			
16	0.79	0.84	0.86		0.86	0.88	0.90	0.91	0.92	0.94	0.96	0.97	0.99	1.00		
18	0.89	0.92	0.93		0.93	0.94	0.94	0.95	0.95	0.96	0.97	0.98	0.99	0.99	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.45	0.57	0.62	0.84	1.00											
4	0.24	0.41	0.48	0.62	0.78	0.90	1.00									
6	0.20	0.38	0.45	0.53	0.66	0.77	0.85	0.93	1.00							
8	0.19	0.37	0.45	0.48	0.60	0.69	0.76	0.83	0.89	1.00						
10	0.21	0.39	0.46	0.46	0.56	0.64	0.71	0.77	0.82	0.92	1.00					
12	0.24	0.41	0.48		0.55	0.62	0.68	0.73	0.78	0.86	0.93	1.00				
14	0.28	0.44	0.51		0.55	0.61	0.67	0.71	0.75	0.83	0.89	0.95	1.00			
16	0.33	0.48	0.54		0.57	0.62	0.67	0.71	0.74	0.81	0.86	0.91	0.96	1.00		
18	0.39	0.53	0.58		0.59	0.64	0.68	0.71	0.74	0.80	0.85	0.89	0.93	0.97	1.00	
20	0.44	0.57	0.62		0.62	0.66	0.69	0.72	0.75	0.80	0.84	0.88	0.91	0.94	0.97	1.00
24	0.57	0.67	0.71			0.72	0.75	0.77	0.79	0.82	0.85	0.88	0.90	0.92	0.94	0.96

Table 10 - P Factor Contouring EI = 70

Cover Condition 6 **Soil Hydrologic Group D**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.72	0.78	0.81	0.92	1.00											
4	0.68	0.75	0.78	0.84	0.91	0.96	1.00									
6	0.69	0.76	0.79	0.82	0.87	0.91	0.94	0.97	1.00							
8	0.75	0.81	0.83	0.84	0.88	0.90	0.93	0.95	0.97	1.00						
10	0.83	0.87	0.88	0.88	0.91	0.92	0.94	0.95	0.96	0.98	1.00					
12	0.92	0.94	0.95		0.95	0.96	0.97	0.97	0.98	0.99	0.99	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.52	0.63	0.67	0.86	1.00											
4	0.38	0.52	0.58	0.69	0.82	0.92	1.00									
6	0.36	0.50	0.56	0.62	0.73	0.81	0.88	0.94	1.00							
8	0.37	0.51	0.57	0.59	0.69	0.76	0.82	0.87	0.92	1.00						
10	0.41	0.54	0.60	0.60	0.67	0.73	0.78	0.83	0.87	0.94	1.00					
12	0.46	0.58	0.63		0.68	0.73	0.77	0.81	0.84	0.90	0.95	1.00				
14	0.53	0.64	0.68		0.71	0.75	0.78	0.81	0.84	0.89	0.93	0.97	1.00			
16	0.60	0.69	0.73		0.74	0.77	0.80	0.82	0.85	0.88	0.92	0.95	0.97	1.00		
18	0.68	0.75	0.78		0.79	0.81	0.83	0.85	0.87	0.89	0.92	0.94	0.96	0.98	1.00	
20	0.77	0.82	0.84		0.84	0.86	0.87	0.89	0.90	0.92	0.93	0.95	0.96	0.98	0.99	1.00
24	0.97	0.98	0.98		0.98	0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99	0.99	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.61	0.70	0.73	0.89	1.00											
4	0.52	0.63	0.67	0.76	0.86	0.94	1.00									
6	0.52	0.63	0.67	0.72	0.80	0.86	0.91	0.96	1.00							
8	0.55	0.65	0.69	0.71	0.78	0.83	0.87	0.91	0.94	1.00						
10	0.61	0.70	0.73	0.73	0.78	0.82	0.86	0.89	0.91	0.96	1.00					
12	0.68	0.75	0.78		0.81	0.84	0.87	0.89	0.91	0.94	0.97	1.00				
14	0.77	0.82	0.84		0.86	0.88	0.89	0.91	0.92	0.94	0.96	0.98	1.00			
16	0.87	0.90	0.91		0.92	0.93	0.94	0.94	0.95	0.96	0.97	0.98	0.99	1.00		
18	0.98	0.98	0.99		0.99	0.99	0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.46	0.58	0.63	0.84	1.00											
4	0.26	0.43	0.49	0.63	0.78	0.90	1.00									
6	0.22	0.39	0.47	0.54	0.67	0.77	0.86	0.93	1.00							
8	0.21	0.39	0.46	0.49	0.61	0.69	0.77	0.84	0.89	1.00						
10	0.24	0.41	0.48	0.48	0.58	0.66	0.72	0.78	0.83	0.92	1.00					
12	0.27	0.43	0.50		0.57	0.64	0.69	0.74	0.79	0.87	0.94	1.00				
14	0.32	0.47	0.54		0.58	0.64	0.69	0.73	0.77	0.84	0.90	0.95	1.00			
16	0.37	0.51	0.57		0.59	0.64	0.69	0.72	0.76	0.82	0.87	0.92	0.96	1.00		
18	0.44	0.57	0.62		0.63	0.67	0.71	0.74	0.77	0.82	0.86	0.90	0.94	0.97	1.00	
20	0.50	0.61	0.66		0.66	0.70	0.73	0.75	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.65	0.73	0.76			0.78	0.79	0.81	0.83	0.85	0.88	0.90	0.92	0.94	0.95	0.97

Table 10 - P Factor Contouring EI = 80

Cover Condition 3 Soil Hydrologic Group A

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.50	0.61	0.66		0.66	0.70	0.73	0.75	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.50	0.61	0.66			0.68	0.71	0.73	0.75	0.79	0.83	0.86	0.89	0.91	0.94	0.96

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.33	0.48	0.54	0.80	1.00											
4	0.15	0.34	0.42	0.58	0.75	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.15	0.34	0.42		0.50	0.58	0.64	0.70	0.75	0.85	0.93	1.00				
14	0.15	0.34	0.42		0.47	0.55	0.61	0.66	0.71	0.79	0.87	0.94	1.00			
16	0.15	0.34	0.42		0.45	0.52	0.58	0.63	0.67	0.75	0.82	0.89	0.95	1.00		
18	0.15	0.34	0.42		0.44	0.50	0.55	0.60	0.64	0.72	0.79	0.85	0.90	0.95	1.00	
20	0.17	0.36	0.44		0.44	0.49	0.54	0.59	0.63	0.70	0.76	0.82	0.87	0.91	0.96	1.00
24	0.21	0.39	0.46			0.49	0.54	0.58	0.61	0.67	0.73	0.77	0.82	0.86	0.90	0.93

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.30	0.46	0.52	0.80	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.30	0.46	0.52		0.54	0.59	0.63	0.67	0.71	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.30	0.46	0.52		0.52	0.57	0.62	0.65	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.30	0.46	0.52			0.55	0.59	0.62	0.65	0.71	0.76	0.80	0.84	0.88	0.91	0.94

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.35	0.50	0.56	0.81	1.00											
4	0.11	0.31	0.39	0.56	0.74	0.88	1.00									
6	0.08	0.29	0.37	0.46	0.61	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.08	0.29	0.37	0.37	0.49	0.59	0.66	0.73	0.79	0.90	1.00					
12	0.08	0.29	0.37		0.46	0.54	0.61	0.68	0.73	0.83	0.92	1.00				
14	0.08	0.29	0.37		0.43	0.51	0.57	0.63	0.68	0.78	0.86	0.93	1.00			
16	0.10	0.30	0.39		0.42	0.49	0.55	0.61	0.65	0.74	0.81	0.88	0.94	1.00		
18	0.11	0.31	0.39		0.41	0.48	0.53	0.58	0.63	0.71	0.78	0.84	0.90	0.95	1.00	
20	0.13	0.33	0.41		0.41	0.47	0.52	0.57	0.61	0.68	0.75	0.81	0.86	0.91	0.96	1.00
24	0.17	0.36	0.44			0.47	0.51	0.55	0.59	0.66	0.71	0.76	0.81	0.85	0.89	0.93

Table 10 - P Factor Contouring EI = 80

Cover Condition 3 — Soil Hydrologic Group B

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.56	0.66	0.70		0.74	0.78	0.81	0.84	0.87	0.92	0.96	1.00				
14	0.63	0.71	0.75		0.77	0.80	0.83	0.85	0.87	0.91	0.94	0.97	1.00			
16	0.72	0.78	0.81		0.82	0.84	0.86	0.88	0.89	0.92	0.94	0.96	0.98	1.00		
18	0.81	0.85	0.87		0.87	0.89	0.90	0.91	0.92	0.94	0.95	0.97	0.98	0.99	1.00	
20	0.90	0.92	0.93		0.93	0.94	0.95	0.95	0.96	0.96	0.97	0.98	0.98	0.99	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.41	0.54	0.60	0.83	1.00											
4	0.23	0.40	0.47	0.62	0.78	0.90	1.00									
6	0.21	0.38	0.46	0.53	0.66	0.77	0.85	0.93	1.00							
8	0.21	0.39	0.46	0.49	0.61	0.69	0.77	0.84	0.89	1.00						
10	0.23	0.40	0.47	0.47	0.57	0.65	0.72	0.78	0.83	0.92	1.00					
12	0.26	0.42	0.49		0.56	0.63	0.69	0.74	0.78	0.86	0.94	1.00				
14	0.29	0.45	0.52		0.56	0.62	0.67	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.32	0.47	0.54		0.56	0.62	0.66	0.70	0.74	0.80	0.86	0.91	0.96	1.00		
18	0.36	0.51	0.56		0.58	0.62	0.66	0.70	0.73	0.79	0.84	0.88	0.93	0.96	1.00	
20	0.41	0.54	0.60		0.60	0.64	0.68	0.71	0.74	0.79	0.83	0.87	0.91	0.94	0.97	1.00
24	0.50	0.61	0.66			0.68	0.71	0.73	0.75	0.79	0.83	0.86	0.89	0.91	0.94	0.96

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.44	0.56	0.61	0.83	1.00											
4	0.31	0.46	0.53	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.31	0.46	0.53	0.55	0.66	0.73	0.80	0.86	0.91	1.00						
10	0.35	0.49	0.55		0.64	0.71	0.76	0.81	0.85	0.93	1.00					
12	0.39	0.53	0.58		0.64	0.70	0.74	0.78	0.82	0.89	0.95	1.00				
14	0.44	0.57	0.62		0.65	0.70	0.74	0.78	0.81	0.86	0.91	0.96	1.00			
16	0.49	0.60	0.65		0.67	0.71	0.75	0.78	0.80	0.85	0.89	0.93	0.97	1.00		
18	0.55	0.65	0.69		0.70	0.74	0.76	0.79	0.81	0.85	0.89	0.92	0.95	0.97	1.00	
20	0.62	0.71	0.74		0.74	0.77	0.79	0.81	0.83	0.86	0.89	0.92	0.94	0.96	0.98	1.00
24	0.76	0.81	0.84			0.85	0.86	0.87	0.88	0.90	0.92	0.93	0.94	0.96	0.97	0.98

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.40	0.53	0.59	0.82	1.00											
4	0.18	0.36	0.44	0.59	0.76	0.89	1.00									
6	0.13	0.32	0.40	0.48	0.63	0.74	0.84	0.92	1.00							
8	0.12	0.32	0.40	0.43	0.56	0.66	0.74	0.82	0.88	1.00						
10	0.13	0.33	0.41	0.41	0.52	0.61	0.68	0.75	0.81	0.91	1.00					
12	0.15	0.34	0.42		0.50	0.58	0.64	0.70	0.75	0.85	0.93	1.00				
14	0.17	0.36	0.43		0.49	0.56	0.62	0.67	0.72	0.80	0.87	0.94	1.00			
16	0.20	0.38	0.45		0.48	0.55	0.60	0.65	0.69	0.77	0.83	0.89	0.95	1.00		
18	0.22	0.40	0.47		0.48	0.54	0.59	0.63	0.67	0.74	0.80	0.86	0.91	0.96	1.00	
20	0.25	0.42	0.49		0.49	0.54	0.59	0.63	0.66	0.73	0.78	0.83	0.88	0.92	0.96	1.00
24	0.32	0.47	0.54			0.56	0.60	0.63	0.66	0.72	0.76	0.81	0.84	0.88	0.91	0.94

Table 10 - P Factor Contouring EI = 80

Cover Condition 3 Soil Hydrologic Group C

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.63	0.71	0.75	0.89	1.00											
4	0.57	0.67	0.71	0.79	0.87	0.94	1.00									
6	0.58	0.67	0.71	0.75	0.82	0.88	0.92	0.96	1.00							
8	0.64	0.72	0.75	0.77	0.82	0.86	0.89	0.92	0.95	1.00						
10	0.71	0.78	0.80	0.80	0.84	0.87	0.89	0.92	0.93	0.97	1.00					
12	0.80	0.84	0.86		0.88	0.90	0.92	0.93	0.94	0.96	0.98	1.00				
14	0.91	0.93	0.94		0.94	0.95	0.96	0.96	0.97	0.98	0.99	0.99	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.48	0.60	0.64	0.85	1.00											
4	0.33	0.48	0.54	0.67	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.31	0.46	0.53	0.55	0.66	0.73	0.80	0.86	0.91	1.00						
10	0.34	0.49	0.55	0.55	0.64	0.70	0.76	0.81	0.85	0.93	1.00					
12	0.38	0.52	0.58		0.63	0.69	0.74	0.78	0.82	0.89	0.95	1.00				
14	0.44	0.57	0.62		0.65	0.70	0.74	0.78	0.81	0.86	0.91	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.56	0.66	0.70		0.71	0.74	0.77	0.79	0.82	0.86	0.89	0.92	0.95	0.98	1.00	
20	0.64	0.72	0.75		0.75	0.78	0.80	0.82	0.84	0.87	0.90	0.92	0.94	0.96	0.98	1.00
24	0.79	0.84	0.86			0.87	0.88	0.89	0.90	0.91	0.93	0.94	0.95	0.96	0.97	0.98

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.55	0.65	0.69	0.87	1.00											
4	0.44	0.57	0.62	0.72	0.84	0.93	1.00									
6	0.44	0.57	0.62	0.67	0.76	0.84	0.90	0.95	1.00							
8	0.46	0.58	0.63	0.65	0.73	0.79	0.84	0.89	0.93	1.00						
10	0.51	0.62	0.67	0.67	0.73	0.78	0.82	0.86	0.89	0.95	1.00					
12	0.58	0.67	0.71		0.75	0.79	0.82	0.85	0.88	0.92	0.96	1.00				
14	0.65	0.73	0.76		0.78	0.81	0.84	0.86	0.88	0.92	0.95	0.97	1.00			
16	0.74	0.80	0.82		0.83	0.85	0.87	0.89	0.90	0.92	0.95	0.97	0.98	1.00		
18	0.83	0.87	0.88		0.89	0.90	0.91	0.92	0.93	0.94	0.96	0.97	0.98	0.99	1.00	
20	0.93	0.95	0.95		0.95	0.96	0.96	0.97	0.97	0.97	0.98	0.98	0.99	0.99	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.44	0.57	0.62	0.84	1.00											
4	0.23	0.40	0.47	0.62	0.77	0.90	1.00									
6	0.18	0.36	0.44	0.52	0.65	0.76	0.85	0.93	1.00							
8	0.18	0.36	0.44	0.47	0.59	0.68	0.76	0.83	0.89	1.00						
10	0.20	0.38	0.45	0.45	0.56	0.64	0.71	0.77	0.82	0.92	1.00					
12	0.23	0.40	0.47		0.55	0.62	0.68	0.73	0.78	0.86	0.93	1.00				
14	0.26	0.43	0.50		0.54	0.60	0.66	0.70	0.75	0.82	0.89	0.95	1.00			
16	0.31	0.47	0.53		0.56	0.61	0.66	0.70	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.35	0.50	0.56		0.57	0.62	0.66	0.70	0.73	0.79	0.84	0.88	0.93	0.96	1.00	
20	0.41	0.54	0.60		0.60	0.64	0.68	0.71	0.74	0.79	0.83	0.87	0.91	0.94	0.97	1.00
24	0.52	0.63	0.67			0.69	0.72	0.74	0.76	0.80	0.83	0.86	0.89	0.91	0.94	0.96

Table 10 - P Factor Contouring EI = 80

Cover Condition 3 Soil Hydrologic Group D

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.71	0.77	0.80	0.92	1.00											
4	0.67	0.74	0.77	0.84	0.90	0.96	1.00									
6	0.69	0.76	0.79	0.82	0.87	0.91	0.94	0.97	1.00							
8	0.74	0.80	0.82	0.83	0.87	0.90	0.92	0.95	0.97	1.00						
10	0.82	0.86	0.88	0.88	0.90	0.92	0.93	0.95	0.96	0.98	1.00					
12	0.92	0.94	0.95		0.95	0.96	0.97	0.97	0.98	0.99	0.99	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.52	0.63	0.67	0.86	1.00											
4	0.38	0.52	0.58	0.69	0.82	0.92	1.00									
6	0.36	0.50	0.56	0.62	0.73	0.81	0.88	0.94	1.00							
8	0.37	0.51	0.57	0.59	0.69	0.76	0.82	0.87	0.92	1.00						
10	0.40	0.53	0.59	0.59	0.67	0.73	0.78	0.83	0.87	0.94	1.00					
12	0.46	0.58	0.63		0.68	0.73	0.77	0.81	0.84	0.90	0.95	1.00				
14	0.52	0.63	0.67		0.70	0.74	0.78	0.81	0.84	0.88	0.93	0.96	1.00			
16	0.60	0.69	0.73		0.74	0.77	0.80	0.82	0.85	0.88	0.92	0.95	0.97	1.00		
18	0.68	0.75	0.78		0.79	0.81	0.83	0.85	0.87	0.89	0.92	0.94	0.96	0.98	1.00	
20	0.77	0.82	0.84		0.84	0.86	0.87	0.89	0.90	0.92	0.93	0.95	0.96	0.98	0.99	1.00
24	0.96	0.97	0.97		0.97	0.97	0.98	0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.61	0.70	0.73	0.89	1.00											
4	0.52	0.63	0.67	0.76	0.86	0.94	1.00									
6	0.51	0.62	0.67	0.71	0.79	0.86	0.91	0.96	1.00							
8	0.55	0.65	0.69	0.71	0.78	0.83	0.87	0.91	0.94	1.00						
10	0.60	0.69	0.73	0.73	0.78	0.82	0.85	0.88	0.91	0.96	1.00					
12	0.68	0.75	0.78		0.81	0.84	0.87	0.89	0.91	0.94	0.97	1.00				
14	0.77	0.82	0.84		0.86	0.88	0.89	0.91	0.92	0.94	0.96	0.98	1.00			
16	0.87	0.90	0.91		0.92	0.93	0.94	0.94	0.95	0.96	0.97	0.98	0.99	1.00		
18	0.98	0.98	0.99		0.99	0.99	0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.46	0.58	0.63	0.84	1.00											
4	0.26	0.43	0.49	0.63	0.78	0.90	1.00									
6	0.22	0.39	0.47	0.54	0.67	0.77	0.86	0.93	1.00							
8	0.21	0.39	0.46	0.49	0.61	0.69	0.77	0.84	0.89	1.00						
10	0.23	0.40	0.47	0.47	0.58	0.65	0.72	0.78	0.83	0.92	1.00					
12	0.27	0.43	0.50		0.57	0.64	0.69	0.74	0.79	0.87	0.94	1.00				
14	0.32	0.47	0.54		0.58	0.64	0.69	0.73	0.77	0.84	0.90	0.95	1.00			
16	0.37	0.51	0.57		0.59	0.64	0.69	0.72	0.76	0.82	0.87	0.92	0.96	1.00		
18	0.43	0.56	0.61		0.62	0.66	0.70	0.73	0.76	0.81	0.86	0.90	0.93	0.97	1.00	
20	0.50	0.61	0.66		0.66	0.70	0.73	0.75	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.65	0.73	0.76			0.78	0.79	0.81	0.83	0.85	0.88	0.90	0.92	0.94	0.95	0.97

Table 10 - P Factor Contouring EI = 80

Cover Condition 4 Soil Hydrologic Group A

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.50	0.61	0.66		0.66	0.70	0.73	0.75	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.50	0.61	0.66			0.68	0.71	0.73	0.75	0.79	0.83	0.86	0.89	0.91	0.94	0.96

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.33	0.48	0.54	0.80	1.00											
4	0.15	0.34	0.42	0.58	0.75	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.15	0.34	0.42		0.50	0.58	0.64	0.70	0.75	0.85	0.93	1.00				
14	0.15	0.34	0.42		0.47	0.55	0.61	0.66	0.71	0.79	0.87	0.94	1.00			
16	0.15	0.34	0.42		0.45	0.52	0.58	0.63	0.67	0.75	0.82	0.89	0.95	1.00		
18	0.16	0.35	0.43		0.44	0.51	0.56	0.61	0.65	0.72	0.79	0.85	0.90	0.95	1.00	
20	0.18	0.37	0.44		0.44	0.50	0.55	0.59	0.63	0.70	0.76	0.82	0.87	0.92	0.96	1.00
24	0.21	0.39	0.46			0.49	0.54	0.58	0.61	0.67	0.73	0.77	0.82	0.86	0.90	0.93

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.31	0.46	0.53	0.80	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.30	0.46	0.52		0.54	0.59	0.63	0.67	0.71	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.30	0.46	0.52		0.52	0.57	0.62	0.65	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.32	0.47	0.54			0.56	0.60	0.63	0.66	0.72	0.76	0.81	0.84	0.88	0.91	0.94

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.36	0.50	0.56	0.81	1.00											
4	0.12	0.32	0.40	0.56	0.74	0.88	1.00									
6	0.08	0.29	0.37	0.46	0.61	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.08	0.29	0.37	0.37	0.49	0.59	0.66	0.73	0.79	0.90	1.00					
12	0.08	0.29	0.37		0.46	0.54	0.61	0.68	0.73	0.83	0.92	1.00				
14	0.09	0.29	0.38		0.44	0.51	0.58	0.64	0.69	0.78	0.86	0.93	1.00			
16	0.10	0.30	0.39		0.42	0.49	0.55	0.61	0.65	0.74	0.81	0.88	0.94	1.00		
18	0.12	0.32	0.40		0.42	0.48	0.54	0.59	0.63	0.71	0.78	0.84	0.90	0.95	1.00	
20	0.13	0.33	0.41		0.41	0.47	0.52	0.57	0.61	0.68	0.75	0.81	0.86	0.91	0.96	1.00
24	0.17	0.36	0.44			0.47	0.51	0.55	0.59	0.66	0.71	0.76	0.81	0.85	0.89	0.93

Table 10 - P Factor Contouring EI = 80

Cover Condition 4 Soil Hydrologic Group B

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.51	0.62	0.66	0.86	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.55	0.65	0.69	0.69	0.75	0.80	0.84	0.87	0.90	0.95	1.00					
12	0.63	0.71	0.75		0.78	0.82	0.84	0.87	0.89	0.93	0.97	1.00				
14	0.72	0.78	0.81		0.83	0.85	0.87	0.89	0.90	0.93	0.96	0.98	1.00			
16	0.81	0.85	0.87		0.88	0.89	0.91	0.92	0.93	0.94	0.96	0.97	0.99	1.00		
18	0.91	0.93	0.94		0.94	0.95	0.95	0.96	0.96	0.97	0.98	0.98	0.99	0.99	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.43	0.56	0.61	0.83	1.00											
4	0.26	0.43	0.49	0.63	0.78	0.90	1.00									
6	0.23	0.40	0.47	0.54	0.67	0.77	0.86	0.93	1.00							
8	0.24	0.41	0.48	0.51	0.62	0.71	0.78	0.84	0.90	1.00						
10	0.26	0.43	0.49	0.49	0.59	0.67	0.73	0.78	0.83	0.92	1.00					
12	0.29	0.45	0.52		0.58	0.65	0.70	0.75	0.79	0.87	0.94	1.00				
14	0.33	0.48	0.54		0.58	0.64	0.69	0.73	0.77	0.84	0.90	0.95	1.00			
16	0.37	0.51	0.57		0.59	0.64	0.69	0.72	0.76	0.82	0.87	0.92	0.96	1.00		
18	0.42	0.55	0.60		0.61	0.66	0.70	0.73	0.76	0.81	0.85	0.90	0.93	0.97	1.00	
20	0.47	0.59	0.64		0.64	0.68	0.71	0.74	0.76	0.81	0.85	0.88	0.92	0.95	0.97	1.00
24	0.58	0.68	0.71			0.73	0.75	0.77	0.79	0.83	0.85	0.88	0.90	0.93	0.95	0.97

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.47	0.59	0.64	0.84	1.00											
4	0.34	0.49	0.55	0.67	0.81	0.91	1.00									
6	0.34	0.49	0.55	0.61	0.72	0.81	0.88	0.94	1.00							
8	0.36	0.50	0.56	0.59	0.68	0.75	0.81	0.87	0.91	1.00						
10	0.39	0.53	0.58	0.58	0.66	0.72	0.78	0.82	0.86	0.94	1.00					
12	0.44	0.57	0.62		0.67	0.72	0.76	0.80	0.84	0.90	0.95	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.56	0.66	0.70		0.72	0.75	0.78	0.81	0.83	0.87	0.91	0.94	0.97	1.00		
18	0.63	0.71	0.75		0.75	0.78	0.81	0.83	0.85	0.88	0.91	0.93	0.96	0.98	1.00	
20	0.71	0.78	0.80		0.80	0.82	0.84	0.86	0.87	0.89	0.92	0.94	0.95	0.97	0.99	1.00
24	0.87	0.90	0.91		0.91	0.92	0.92	0.93	0.94	0.95	0.95	0.96	0.97	0.98	0.98	0.99

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.41	0.54	0.60	0.83	1.00											
4	0.19	0.37	0.45	0.60	0.76	0.89	1.00									
6	0.14	0.33	0.41	0.49	0.64	0.75	0.84	0.93	1.00							
8	0.14	0.33	0.41	0.44	0.57	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.17	0.36	0.43		0.51	0.59	0.65	0.71	0.76	0.85	0.93	1.00				
14	0.20	0.38	0.45		0.50	0.57	0.63	0.68	0.73	0.81	0.88	0.94	1.00			
16	0.23	0.40	0.48		0.50	0.57	0.62	0.66	0.70	0.78	0.84	0.90	0.95	1.00		
18	0.26	0.43	0.50		0.51	0.56	0.61	0.65	0.69	0.76	0.81	0.87	0.91	0.96	1.00	
20	0.30	0.46	0.52		0.52	0.57	0.62	0.65	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.38	0.52	0.58			0.60	0.64	0.67	0.69	0.74	0.78	0.82	0.86	0.89	0.92	0.95

Table 10 - P Factor Contouring EI = 80

Cover Condition 4 Soil Hydrologic Group C

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.66	0.74	0.77	0.90	1.00											
4	0.61	0.70	0.73	0.81	0.89	0.95	1.00									
6	0.62	0.71	0.74	0.78	0.84	0.89	0.93	0.97	1.00							
8	0.68	0.75	0.78	0.79	0.84	0.88	0.91	0.93	0.96	1.00						
10	0.76	0.81	0.84	0.84	0.87	0.89	0.91	0.93	0.95	0.97	1.00					
12	0.85	0.88	0.90		0.91	0.93	0.94	0.95	0.96	0.97	0.99	1.00				
14	0.96	0.97	0.97		0.98	0.98	0.98	0.98	0.99	0.99	0.99	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.35	0.50	0.56	0.68	0.81	0.91	1.00									
6	0.32	0.47	0.54	0.60	0.71	0.80	0.88	0.94	1.00							
8	0.33	0.48	0.54	0.57	0.67	0.74	0.80	0.86	0.91	1.00						
10	0.36	0.50	0.56	0.56	0.65	0.71	0.77	0.81	0.86	0.93	1.00					
12	0.41	0.54	0.60		0.65	0.71	0.75	0.79	0.83	0.89	0.95	1.00				
14	0.47	0.59	0.64		0.67	0.72	0.75	0.79	0.82	0.87	0.92	0.96	1.00			
16	0.54	0.64	0.69		0.70	0.74	0.77	0.80	0.82	0.87	0.91	0.94	0.97	1.00		
18	0.61	0.70	0.73		0.74	0.77	0.80	0.82	0.84	0.87	0.90	0.93	0.96	0.98	1.00	
20	0.69	0.76	0.79		0.79	0.81	0.83	0.85	0.86	0.89	0.91	0.93	0.95	0.97	0.98	1.00
24	0.86	0.89	0.90		0.90	0.91	0.92	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.98	0.99

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.57	0.67	0.71	0.87	1.00											
4	0.47	0.59	0.64	0.74	0.84	0.93	1.00									
6	0.47	0.59	0.64	0.69	0.78	0.85	0.90	0.95	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.55	0.65	0.69	0.69	0.75	0.80	0.84	0.87	0.90	0.95	1.00					
12	0.62	0.71	0.74		0.78	0.81	0.84	0.87	0.89	0.93	0.97	1.00				
14	0.70	0.77	0.80		0.81	0.84	0.86	0.88	0.90	0.93	0.95	0.98	1.00			
16	0.79	0.84	0.86		0.86	0.88	0.90	0.91	0.92	0.94	0.96	0.97	0.99	1.00		
18	0.89	0.92	0.93		0.93	0.94	0.94	0.95	0.95	0.96	0.97	0.98	0.99	0.99	1.00	
20	0.99	0.99	0.99		0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.45	0.57	0.62	0.84	1.00											
4	0.24	0.41	0.48	0.62	0.78	0.90	1.00									
6	0.20	0.38	0.45	0.53	0.66	0.77	0.85	0.93	1.00							
8	0.19	0.37	0.45	0.48	0.60	0.69	0.76	0.83	0.89	1.00						
10	0.21	0.39	0.46	0.46	0.56	0.64	0.71	0.77	0.82	0.92	1.00					
12	0.24	0.41	0.48		0.55	0.62	0.68	0.73	0.78	0.86	0.93	1.00				
14	0.28	0.44	0.51		0.55	0.61	0.67	0.71	0.75	0.83	0.89	0.95	1.00			
16	0.33	0.48	0.54		0.57	0.62	0.67	0.71	0.74	0.81	0.86	0.91	0.96	1.00		
18	0.38	0.52	0.58		0.59	0.64	0.67	0.71	0.74	0.80	0.84	0.89	0.93	0.97	1.00	
20	0.44	0.57	0.62		0.62	0.66	0.69	0.72	0.75	0.80	0.84	0.88	0.91	0.94	0.97	1.00
24	0.57	0.67	0.71			0.72	0.75	0.77	0.79	0.82	0.85	0.88	0.90	0.92	0.94	0.96

Table 10 - P Factor Contouring EI = 80

Cover Condition 4 Soil Hydrologic Group D

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.73	0.79	0.82	0.92	1.00											
4	0.69	0.76	0.79	0.85	0.91	0.96	1.00									
6	0.71	0.77	0.80	0.83	0.88	0.92	0.95	0.97	1.00							
8	0.76	0.81	0.84	0.84	0.88	0.91	0.93	0.95	0.97	1.00						
10	0.84	0.88	0.89	0.89	0.91	0.93	0.94	0.95	0.96	0.98	1.00					
12	0.94	0.95	0.96		0.96	0.97	0.97	0.98	0.98	0.99	0.99	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.53	0.64	0.68	0.86	1.00											
4	0.39	0.53	0.58	0.70	0.82	0.92	1.00									
6	0.37	0.51	0.57	0.63	0.73	0.82	0.88	0.95	1.00							
8	0.38	0.52	0.58	0.60	0.69	0.76	0.82	0.87	0.92	1.00						
10	0.42	0.55	0.60	0.60	0.68	0.74	0.79	0.83	0.87	0.94	1.00					
12	0.47	0.59	0.64		0.69	0.74	0.78	0.81	0.85	0.90	0.95	1.00				
14	0.54	0.64	0.69		0.71	0.75	0.79	0.82	0.84	0.89	0.93	0.97	1.00			
16	0.62	0.71	0.74		0.76	0.79	0.81	0.83	0.85	0.89	0.92	0.95	0.98	1.00		
18	0.70	0.77	0.80		0.80	0.82	0.84	0.86	0.87	0.90	0.92	0.95	0.97	0.98	1.00	
20	0.80	0.85	0.86		0.86	0.88	0.89	0.90	0.91	0.93	0.94	0.96	0.97	0.98	0.99	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.62	0.70	0.74	0.89	1.00											
4	0.54	0.64	0.69	0.77	0.87	0.94	1.00									
6	0.53	0.64	0.68	0.72	0.80	0.86	0.91	0.96	1.00							
8	0.56	0.66	0.70	0.72	0.78	0.83	0.87	0.91	0.94	1.00						
10	0.62	0.71	0.74	0.74	0.79	0.83	0.86	0.89	0.91	0.96	1.00					
12	0.70	0.77	0.80		0.82	0.85	0.87	0.89	0.91	0.95	0.97	1.00				
14	0.79	0.84	0.86		0.87	0.89	0.90	0.92	0.93	0.95	0.97	0.98	1.00			
16	0.89	0.91	0.93		0.93	0.94	0.95	0.95	0.96	0.97	0.98	0.99	0.99	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.47	0.59	0.64	0.84	1.00											
4	0.27	0.43	0.50	0.64	0.79	0.90	1.00									
6	0.22	0.39	0.47	0.54	0.67	0.77	0.86	0.93	1.00							
8	0.22	0.39	0.47	0.50	0.61	0.70	0.77	0.84	0.90	1.00						
10	0.24	0.41	0.48	0.48	0.58	0.66	0.72	0.78	0.83	0.92	1.00					
12	0.28	0.44	0.51		0.57	0.64	0.70	0.75	0.79	0.87	0.94	1.00				
14	0.33	0.48	0.54		0.58	0.64	0.69	0.73	0.77	0.84	0.90	0.95	1.00			
16	0.39	0.53	0.58		0.61	0.66	0.70	0.73	0.77	0.82	0.87	0.92	0.96	1.00		
18	0.45	0.58	0.63		0.63	0.68	0.71	0.74	0.77	0.82	0.86	0.90	0.94	0.97	1.00	
20	0.52	0.63	0.67		0.67	0.71	0.74	0.76	0.79	0.83	0.86	0.89	0.92	0.95	0.98	1.00
24	0.68	0.75	0.78			0.79	0.81	0.83	0.84	0.87	0.89	0.91	0.93	0.94	0.96	0.97

Table 10 - P Factor Contouring EI = 80

Cover Condition 5 Soil Hydrologic Group A

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.54	0.64	0.69		0.69	0.73	0.76	0.78	0.81	0.85	0.88	0.92	0.95	0.97	1.00	
20	0.60	0.69	0.73		0.73	0.76	0.78	0.80	0.82	0.86	0.88	0.91	0.94	0.96	0.98	1.00
24	0.73	0.79	0.82			0.83	0.84	0.85	0.87	0.89	0.91	0.92	0.94	0.95	0.97	0.98

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.36	0.50	0.56	0.81	1.00											
4	0.17	0.36	0.43	0.59	0.76	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.17	0.36	0.43		0.51	0.59	0.65	0.71	0.76	0.85	0.93	1.00				
14	0.19	0.37	0.45		0.50	0.57	0.62	0.68	0.72	0.80	0.88	0.94	1.00			
16	0.21	0.39	0.46		0.49	0.55	0.61	0.65	0.70	0.77	0.84	0.90	0.95	1.00		
18	0.24	0.41	0.48		0.50	0.55	0.60	0.64	0.68	0.75	0.81	0.86	0.91	0.96	1.00	
20	0.26	0.43	0.50		0.50	0.55	0.59	0.63	0.67	0.73	0.79	0.84	0.88	0.92	0.96	1.00
24	0.32	0.47	0.54			0.56	0.60	0.63	0.66	0.72	0.76	0.81	0.84	0.88	0.91	0.94

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.36	0.50	0.56	0.81	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.32	0.47	0.54		0.56	0.62	0.66	0.70	0.74	0.80	0.86	0.91	0.96	1.00		
18	0.36	0.51	0.56		0.58	0.62	0.66	0.70	0.73	0.79	0.84	0.88	0.93	0.96	1.00	
20	0.40	0.54	0.59		0.59	0.63	0.67	0.70	0.73	0.78	0.83	0.87	0.90	0.94	0.97	1.00
24	0.49	0.61	0.65			0.67	0.70	0.73	0.75	0.79	0.82	0.85	0.88	0.91	0.93	0.96

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.37	0.51	0.57	0.82	1.00											
4	0.14	0.33	0.41	0.57	0.75	0.88	1.00									
6	0.09	0.29	0.38	0.46	0.62	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.09	0.29	0.38	0.38	0.50	0.59	0.67	0.73	0.80	0.90	1.00					
12	0.10	0.30	0.39		0.47	0.55	0.62	0.68	0.74	0.84	0.92	1.00				
14	0.11	0.31	0.39		0.45	0.52	0.59	0.64	0.69	0.78	0.86	0.94	1.00			
16	0.13	0.33	0.41		0.44	0.51	0.57	0.62	0.67	0.75	0.82	0.89	0.95	1.00		
18	0.14	0.34	0.41		0.43	0.49	0.55	0.60	0.64	0.72	0.78	0.85	0.90	0.95	1.00	
20	0.16	0.35	0.43		0.43	0.49	0.54	0.58	0.62	0.70	0.76	0.81	0.87	0.91	0.96	1.00
24	0.20	0.38	0.46			0.49	0.53	0.57	0.61	0.67	0.72	0.77	0.82	0.86	0.90	0.93

Table 10 - P Factor Contouring EI = 80

Cover Condition 5 Soil Hydrologic Group B

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.56	0.66	0.70	0.87	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.51	0.62	0.67	0.71	0.79	0.86	0.91	0.96	1.00							
8	0.55	0.65	0.69	0.71	0.78	0.83	0.87	0.91	0.94	1.00						
10	0.62	0.71	0.74	0.74	0.79	0.83	0.86	0.89	0.91	0.96	1.00					
12	0.70	0.77	0.80		0.82	0.85	0.87	0.89	0.91	0.95	0.97	1.00				
14	0.80	0.84	0.86		0.88	0.89	0.91	0.92	0.93	0.95	0.97	0.99	1.00			
16	0.90	0.92	0.93		0.94	0.94	0.95	0.96	0.96	0.97	0.98	0.99	0.99	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.45	0.57	0.62	0.84	1.00											
4	0.29	0.45	0.51	0.65	0.79	0.90	1.00									
6	0.26	0.43	0.49	0.56	0.69	0.78	0.86	0.94	1.00							
8	0.27	0.43	0.50	0.53	0.64	0.72	0.79	0.85	0.90	1.00						
10	0.29	0.45	0.52	0.52	0.61	0.68	0.74	0.79	0.84	0.93	1.00					
12	0.33	0.48	0.54		0.60	0.67	0.72	0.76	0.81	0.88	0.94	1.00				
14	0.37	0.51	0.57		0.61	0.66	0.71	0.75	0.78	0.85	0.90	0.95	1.00			
16	0.42	0.55	0.60		0.63	0.67	0.71	0.75	0.78	0.83	0.88	0.92	0.96	1.00		
18	0.48	0.60	0.65		0.65	0.69	0.73	0.76	0.78	0.83	0.87	0.91	0.94	0.97	1.00	
20	0.54	0.64	0.69		0.69	0.72	0.75	0.77	0.79	0.83	0.87	0.90	0.93	0.95	0.98	1.00
24	0.67	0.74	0.78			0.79	0.81	0.82	0.84	0.86	0.89	0.91	0.92	0.94	0.96	0.97

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.39	0.53	0.58	0.70	0.82	0.92	1.00									
6	0.38	0.52	0.58	0.63	0.74	0.82	0.89	0.95	1.00							
8	0.40	0.53	0.59	0.61	0.70	0.77	0.82	0.87	0.92	1.00						
10	0.44	0.57	0.62	0.62	0.69	0.75	0.79	0.84	0.87	0.94	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.56	0.66	0.70		0.73	0.76	0.80	0.82	0.85	0.89	0.93	0.97	1.00			
16	0.64	0.72	0.75		0.77	0.80	0.82	0.84	0.86	0.90	0.93	0.95	0.98	1.00		
18	0.72	0.78	0.81		0.81	0.84	0.85	0.87	0.88	0.91	0.93	0.95	0.97	0.98	1.00	
20	0.80	0.85	0.86		0.86	0.88	0.89	0.90	0.91	0.93	0.94	0.96	0.97	0.98	0.99	1.00
24	0.98	0.98	0.99		0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.42	0.55	0.60	0.83	1.00											
4	0.21	0.39	0.46	0.61	0.77	0.89	1.00									
6	0.16	0.35	0.43	0.50	0.65	0.75	0.85	0.93	1.00							
8	0.16	0.35	0.43	0.46	0.58	0.68	0.75	0.82	0.89	1.00						
10	0.17	0.36	0.43	0.43	0.54	0.63	0.70	0.76	0.81	0.91	1.00					
12	0.19	0.37	0.45		0.52	0.60	0.66	0.71	0.76	0.85	0.93	1.00				
14	0.22	0.40	0.47		0.52	0.58	0.64	0.69	0.73	0.81	0.88	0.94	1.00			
16	0.26	0.43	0.50		0.52	0.58	0.63	0.68	0.72	0.79	0.85	0.90	0.95	1.00		
18	0.30	0.46	0.52		0.54	0.59	0.63	0.67	0.71	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.34	0.49	0.55		0.55	0.60	0.64	0.67	0.70	0.76	0.81	0.85	0.89	0.93	0.97	1.00
24	0.44	0.57	0.62			0.64	0.67	0.70	0.72	0.77	0.81	0.84	0.87	0.90	0.93	0.95

Table 10 - P Factor Contouring EI = 80

Cover Condition 5 Soil Hydrologic Group C

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.70	0.77	0.79	0.91	1.00											
4	0.65	0.73	0.76	0.83	0.90	0.95	1.00									
6	0.66	0.74	0.77	0.80	0.86	0.90	0.94	0.97	1.00							
8	0.72	0.78	0.81	0.82	0.86	0.89	0.92	0.94	0.96	1.00						
10	0.80	0.84	0.86	0.86	0.89	0.91	0.93	0.94	0.96	0.98	1.00					
12	0.90	0.92	0.93		0.94	0.95	0.96	0.96	0.97	0.98	0.99	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.51	0.62	0.66	0.86	1.00											
4	0.37	0.51	0.57	0.69	0.82	0.92	1.00									
6	0.35	0.50	0.56	0.62	0.73	0.81	0.88	0.94	1.00							
8	0.35	0.50	0.56	0.58	0.68	0.75	0.81	0.86	0.91	1.00						
10	0.39	0.53	0.58	0.58	0.66	0.72	0.78	0.82	0.86	0.94	1.00					
12	0.44	0.57	0.62		0.67	0.72	0.76	0.80	0.84	0.90	0.95	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.58	0.67	0.71		0.73	0.76	0.79	0.82	0.84	0.88	0.91	0.94	0.97	1.00		
18	0.66	0.74	0.77		0.77	0.80	0.82	0.84	0.86	0.89	0.91	0.94	0.96	0.98	1.00	
20	0.74	0.80	0.82		0.82	0.84	0.86	0.87	0.88	0.91	0.93	0.94	0.96	0.97	0.99	1.00
24	0.93	0.95	0.95		0.95	0.96	0.96	0.96	0.97	0.97	0.98	0.98	0.98	0.99	0.99	0.99

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.60	0.69	0.73	0.88	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.53	0.64	0.68	0.70	0.77	0.82	0.86	0.90	0.94	1.00						
10	0.59	0.68	0.72	0.72	0.77	0.82	0.85	0.88	0.91	0.96	1.00					
12	0.66	0.74	0.77		0.80	0.83	0.86	0.88	0.90	0.94	0.97	1.00				
14	0.74	0.80	0.82		0.84	0.86	0.88	0.90	0.91	0.94	0.96	0.98	1.00			
16	0.84	0.88	0.89		0.90	0.91	0.92	0.93	0.94	0.95	0.97	0.98	0.99	1.00		
18	0.95	0.96	0.97		0.97	0.97	0.97	0.98	0.98	0.98	0.99	0.99	0.99	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.46	0.58	0.63	0.84	1.00											
4	0.26	0.43	0.49	0.63	0.78	0.90	1.00									
6	0.21	0.39	0.46	0.53	0.67	0.77	0.86	0.93	1.00							
8	0.21	0.39	0.46	0.49	0.61	0.69	0.77	0.84	0.89	1.00						
10	0.23	0.40	0.47	0.47	0.58	0.65	0.72	0.78	0.83	0.92	1.00					
12	0.26	0.43	0.49		0.56	0.63	0.69	0.74	0.78	0.87	0.94	1.00				
14	0.31	0.47	0.53		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.36	0.50	0.56		0.59	0.64	0.68	0.72	0.75	0.81	0.87	0.92	0.96	1.00		
18	0.42	0.55	0.60		0.61	0.66	0.70	0.73	0.76	0.81	0.85	0.90	0.93	0.97	1.00	
20	0.48	0.60	0.65		0.65	0.68	0.71	0.74	0.77	0.81	0.85	0.89	0.92	0.95	0.97	1.00
24	0.62	0.71	0.74			0.76	0.78	0.80	0.81	0.84	0.87	0.89	0.91	0.93	0.95	0.97

Table 10 - P Factor Contouring EI = 80

Cover Condition 5 Soil Hydrologic Group D

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.77	0.82	0.84	0.93	1.00											
4	0.74	0.80	0.82	0.87	0.92	0.97	1.00									
6	0.75	0.81	0.83	0.85	0.89	0.93	0.95	0.98	1.00							
8	0.81	0.85	0.87	0.88	0.91	0.93	0.94	0.96	0.97	1.00						
10	0.88	0.91	0.92	0.92	0.93	0.95	0.96	0.97	0.97	0.99	1.00					
12	0.98	0.98	0.99		0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.55	0.65	0.69	0.87	1.00											
4	0.41	0.54	0.60	0.71	0.83	0.92	1.00									
6	0.39	0.53	0.58	0.64	0.74	0.82	0.89	0.95	1.00							
8	0.40	0.53	0.59	0.61	0.70	0.77	0.82	0.87	0.92	1.00						
10	0.44	0.57	0.62	0.62	0.69	0.75	0.79	0.84	0.87	0.94	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.58	0.67	0.71		0.74	0.78	0.81	0.83	0.86	0.90	0.94	0.97	1.00			
16	0.66	0.74	0.77		0.78	0.81	0.83	0.85	0.87	0.90	0.93	0.96	0.98	1.00		
18	0.75	0.81	0.83		0.83	0.85	0.87	0.88	0.90	0.92	0.94	0.96	0.97	0.99	1.00	
20	0.85	0.88	0.90		0.90	0.91	0.92	0.93	0.93	0.95	0.96	0.97	0.98	0.98	0.99	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.65	0.73	0.76	0.90	1.00											
4	0.57	0.67	0.71	0.79	0.87	0.94	1.00									
6	0.56	0.66	0.70	0.74	0.81	0.87	0.92	0.96	1.00							
8	0.60	0.69	0.73	0.74	0.80	0.85	0.88	0.92	0.95	1.00						
10	0.66	0.74	0.77	0.77	0.81	0.85	0.88	0.90	0.92	0.96	1.00					
12	0.74	0.80	0.82		0.85	0.87	0.89	0.91	0.92	0.95	0.98	1.00				
14	0.84	0.88	0.89		0.90	0.91	0.93	0.94	0.95	0.96	0.98	0.99	1.00			
16	0.94	0.95	0.96		0.96	0.97	0.97	0.97	0.98	0.98	0.99	0.99	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.48	0.60	0.64	0.85	1.00											
4	0.28	0.44	0.51	0.64	0.79	0.90	1.00									
6	0.24	0.41	0.48	0.55	0.68	0.78	0.86	0.93	1.00							
8	0.23	0.40	0.47	0.50	0.62	0.70	0.78	0.84	0.90	1.00						
10	0.26	0.43	0.49	0.49	0.59	0.67	0.73	0.78	0.83	0.92	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.35	0.50	0.56		0.60	0.65	0.70	0.74	0.78	0.84	0.90	0.95	1.00			
16	0.42	0.55	0.60		0.63	0.67	0.71	0.75	0.78	0.83	0.88	0.92	0.96	1.00		
18	0.49	0.61	0.65		0.66	0.70	0.73	0.76	0.79	0.83	0.87	0.91	0.94	0.97	1.00	
20	0.56	0.66	0.70		0.70	0.73	0.76	0.78	0.80	0.84	0.87	0.90	0.93	0.95	0.98	1.00
24	0.73	0.79	0.82			0.83	0.84	0.85	0.87	0.89	0.91	0.92	0.94	0.95	0.97	0.98

Table 10 - P Factor Contouring EI = 80

Cover Condition 6 Soil Hydrologic Group A

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.56	0.66	0.70		0.72	0.75	0.78	0.81	0.83	0.87	0.91	0.94	0.97	1.00		
18	0.63	0.71	0.75		0.75	0.78	0.81	0.83	0.85	0.88	0.91	0.93	0.96	0.98	1.00	
20	0.71	0.78	0.80		0.80	0.82	0.84	0.86	0.87	0.89	0.92	0.94	0.95	0.97	0.99	1.00
24	0.87	0.90	0.91		0.91	0.92	0.92	0.93	0.94	0.95	0.95	0.96	0.97	0.98	0.98	0.99

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.38	0.52	0.58	0.82	1.00											
4	0.19	0.37	0.45	0.60	0.76	0.89	1.00									
6	0.16	0.35	0.43	0.50	0.65	0.75	0.85	0.93	1.00							
8	0.17	0.36	0.43	0.46	0.59	0.68	0.76	0.83	0.89	1.00						
10	0.18	0.36	0.44	0.44	0.55	0.63	0.70	0.76	0.82	0.91	1.00					
12	0.20	0.38	0.45		0.53	0.60	0.66	0.72	0.77	0.85	0.93	1.00				
14	0.22	0.40	0.47		0.52	0.58	0.64	0.69	0.73	0.81	0.88	0.94	1.00			
16	0.25	0.42	0.49		0.52	0.58	0.63	0.67	0.71	0.78	0.85	0.90	0.95	1.00		
18	0.28	0.44	0.51		0.52	0.58	0.62	0.66	0.70	0.76	0.82	0.87	0.92	0.96	1.00	
20	0.31	0.47	0.53		0.53	0.58	0.62	0.66	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.38	0.52	0.58			0.60	0.64	0.67	0.69	0.74	0.78	0.82	0.86	0.89	0.92	0.95

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.39	0.53	0.58	0.82	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.31	0.46	0.53		0.59	0.66	0.71	0.76	0.80	0.87	0.94	1.00				
14	0.34	0.49	0.55		0.59	0.65	0.69	0.74	0.77	0.84	0.90	0.95	1.00			
16	0.38	0.52	0.58		0.60	0.65	0.69	0.73	0.76	0.82	0.87	0.92	0.96	1.00		
18	0.43	0.56	0.61		0.62	0.66	0.70	0.73	0.76	0.81	0.86	0.90	0.93	0.97	1.00	
20	0.48	0.60	0.65		0.65	0.68	0.71	0.74	0.77	0.81	0.85	0.89	0.92	0.95	0.97	1.00
24	0.58	0.68	0.71			0.73	0.75	0.77	0.79	0.83	0.85	0.88	0.90	0.93	0.95	0.97

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.38	0.52	0.58	0.82	1.00											
4	0.15	0.34	0.42	0.58	0.75	0.89	1.00									
6	0.10	0.30	0.38	0.47	0.62	0.74	0.84	0.92	1.00							
8	0.10	0.30	0.39	0.42	0.55	0.65	0.74	0.81	0.88	1.00						
10	0.10	0.30	0.39	0.39	0.50	0.59	0.67	0.74	0.80	0.91	1.00					
12	0.12	0.32	0.40		0.48	0.56	0.63	0.69	0.74	0.84	0.92	1.00				
14	0.13	0.33	0.41		0.46	0.53	0.60	0.65	0.70	0.79	0.87	0.94	1.00			
16	0.15	0.34	0.42		0.45	0.52	0.58	0.63	0.67	0.75	0.82	0.89	0.95	1.00		
18	0.17	0.36	0.43		0.45	0.51	0.56	0.61	0.65	0.73	0.79	0.85	0.90	0.95	1.00	
20	0.19	0.37	0.45		0.45	0.51	0.56	0.60	0.64	0.71	0.77	0.82	0.87	0.92	0.96	1.00
24	0.24	0.41	0.48			0.51	0.55	0.59	0.63	0.68	0.74	0.78	0.83	0.87	0.90	0.94

Table 10 - P Factor Contouring EI = 80

Cover Condition 6 Soil Hydrologic Group B

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.61	0.70	0.73	0.89	1.00											
4	0.55	0.65	0.69	0.78	0.87	0.94	1.00									
6	0.56	0.66	0.70	0.74	0.81	0.87	0.92	0.96	1.00							
8	0.62	0.71	0.74	0.75	0.81	0.85	0.89	0.92	0.95	1.00						
10	0.69	0.76	0.79	0.79	0.83	0.86	0.89	0.91	0.93	0.97	1.00					
12	0.78	0.83	0.85		0.87	0.89	0.91	0.92	0.94	0.96	0.98	1.00				
14	0.88	0.91	0.92		0.93	0.94	0.94	0.95	0.96	0.97	0.98	0.99	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.48	0.60	0.64	0.85	1.00											
4	0.32	0.47	0.54	0.66	0.80	0.91	1.00									
6	0.29	0.45	0.51	0.58	0.70	0.79	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.33	0.48	0.54	0.54	0.63	0.70	0.75	0.80	0.85	0.93	1.00					
12	0.37	0.51	0.57		0.63	0.69	0.73	0.78	0.82	0.89	0.95	1.00				
14	0.42	0.55	0.60		0.64	0.69	0.73	0.77	0.80	0.86	0.91	0.96	1.00			
16	0.48	0.60	0.65		0.66	0.71	0.74	0.77	0.80	0.85	0.89	0.93	0.97	1.00		
18	0.54	0.64	0.69		0.69	0.73	0.76	0.78	0.81	0.85	0.88	0.92	0.95	0.97	1.00	
20	0.61	0.70	0.73		0.73	0.76	0.79	0.81	0.83	0.86	0.89	0.91	0.94	0.96	0.98	1.00
24	0.76	0.81	0.84			0.85	0.86	0.87	0.88	0.90	0.92	0.93	0.94	0.96	0.97	0.98

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.53	0.64	0.68	0.86	1.00											
4	0.43	0.56	0.61	0.72	0.83	0.92	1.00									
6	0.42	0.55	0.60	0.66	0.76	0.83	0.89	0.95	1.00							
8	0.45	0.57	0.62	0.64	0.73	0.79	0.84	0.89	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.56	0.66	0.70		0.74	0.78	0.81	0.84	0.87	0.92	0.96	1.00				
14	0.63	0.71	0.75		0.77	0.80	0.83	0.85	0.87	0.91	0.94	0.97	1.00			
16	0.71	0.78	0.80		0.81	0.84	0.86	0.87	0.89	0.92	0.94	0.96	0.98	1.00		
18	0.80	0.85	0.86		0.87	0.88	0.89	0.91	0.92	0.93	0.95	0.96	0.98	0.99	1.00	
20	0.90	0.92	0.93		0.93	0.94	0.95	0.95	0.96	0.96	0.97	0.98	0.98	0.99	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.43	0.56	0.61	0.83	1.00											
4	0.23	0.40	0.47	0.62	0.77	0.90	1.00									
6	0.18	0.36	0.44	0.52	0.65	0.76	0.85	0.93	1.00							
8	0.17	0.36	0.43	0.46	0.59	0.68	0.76	0.83	0.89	1.00						
10	0.19	0.37	0.45	0.45	0.55	0.63	0.70	0.76	0.82	0.92	1.00					
12	0.22	0.40	0.47		0.54	0.61	0.67	0.72	0.77	0.86	0.93	1.00				
14	0.25	0.42	0.49		0.53	0.60	0.65	0.70	0.74	0.82	0.89	0.95	1.00			
16	0.29	0.45	0.52		0.54	0.60	0.65	0.69	0.73	0.79	0.85	0.91	0.96	1.00		
18	0.34	0.49	0.55		0.56	0.61	0.65	0.69	0.72	0.78	0.83	0.88	0.92	0.96	1.00	
20	0.39	0.53	0.58		0.58	0.63	0.67	0.70	0.73	0.78	0.82	0.87	0.90	0.94	0.97	1.00
24	0.50	0.61	0.66			0.68	0.71	0.73	0.75	0.79	0.83	0.86	0.89	0.91	0.94	0.96

Table 10 - P Factor Contouring EI = 80

Cover Condition 6 Soil Hydrologic Group C

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.73	0.79	0.82	0.92	1.00											
4	0.69	0.76	0.79	0.85	0.91	0.96	1.00									
6	0.71	0.77	0.80	0.83	0.88	0.92	0.95	0.97	1.00							
8	0.76	0.81	0.84	0.84	0.88	0.91	0.93	0.95	0.97	1.00						
10	0.84	0.88	0.89	0.89	0.91	0.93	0.94	0.95	0.96	0.98	1.00					
12	0.94	0.95	0.96		0.96	0.97	0.97	0.98	0.98	0.99	0.99	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.53	0.64	0.68	0.86	1.00											
4	0.39	0.53	0.58	0.70	0.82	0.92	1.00									
6	0.37	0.51	0.57	0.63	0.73	0.82	0.88	0.95	1.00							
8	0.38	0.52	0.58	0.60	0.69	0.76	0.82	0.87	0.92	1.00						
10	0.42	0.55	0.60	0.60	0.68	0.74	0.79	0.83	0.87	0.94	1.00					
12	0.47	0.59	0.64		0.69	0.74	0.78	0.81	0.85	0.90	0.95	1.00				
14	0.54	0.64	0.69		0.71	0.75	0.79	0.82	0.84	0.89	0.93	0.97	1.00			
16	0.62	0.71	0.74		0.76	0.79	0.81	0.83	0.85	0.89	0.92	0.95	0.98	1.00		
18	0.70	0.77	0.80		0.80	0.82	0.84	0.86	0.87	0.90	0.92	0.95	0.97	0.98	1.00	
20	0.80	0.85	0.86		0.86	0.88	0.89	0.90	0.91	0.93	0.94	0.96	0.97	0.98	0.99	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.62	0.70	0.74	0.89	1.00											
4	0.54	0.64	0.69	0.77	0.87	0.94	1.00									
6	0.53	0.64	0.68	0.72	0.80	0.86	0.91	0.96	1.00							
8	0.56	0.66	0.70	0.72	0.78	0.83	0.87	0.91	0.94	1.00						
10	0.62	0.71	0.74	0.74	0.79	0.83	0.86	0.89	0.91	0.96	1.00					
12	0.70	0.77	0.80		0.82	0.85	0.87	0.89	0.91	0.95	0.97	1.00				
14	0.79	0.84	0.86		0.87	0.89	0.90	0.92	0.93	0.95	0.97	0.98	1.00			
16	0.89	0.91	0.93		0.93	0.94	0.95	0.95	0.96	0.97	0.98	0.99	0.99	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.47	0.59	0.64	0.84	1.00											
4	0.27	0.43	0.50	0.64	0.79	0.90	1.00									
6	0.22	0.39	0.47	0.54	0.67	0.77	0.86	0.93	1.00							
8	0.22	0.39	0.47	0.50	0.61	0.70	0.77	0.84	0.90	1.00						
10	0.24	0.41	0.48	0.48	0.58	0.66	0.72	0.78	0.83	0.92	1.00					
12	0.28	0.44	0.51		0.57	0.64	0.70	0.75	0.79	0.87	0.94	1.00				
14	0.33	0.48	0.54		0.58	0.64	0.69	0.73	0.77	0.84	0.90	0.95	1.00			
16	0.39	0.53	0.58		0.61	0.66	0.70	0.73	0.77	0.82	0.87	0.92	0.96	1.00		
18	0.45	0.58	0.63		0.63	0.68	0.71	0.74	0.77	0.82	0.86	0.90	0.94	0.97	1.00	
20	0.52	0.63	0.67		0.67	0.71	0.74	0.76	0.79	0.83	0.86	0.89	0.92	0.95	0.98	1.00
24	0.68	0.75	0.78			0.79	0.81	0.83	0.84	0.87	0.89	0.91	0.93	0.94	0.96	0.97

Table 10 - P Factor Contouring EI = 80

Cover Condition 6 Soil Hydrologic Group D

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.79	0.84	0.86	0.94	1.00											
4	0.76	0.81	0.84	0.88	0.93	0.97	1.00									
6	0.77	0.82	0.84	0.86	0.90	0.93	0.96	0.98	1.00							
8	0.83	0.87	0.88	0.89	0.92	0.93	0.95	0.96	0.98	1.00						
10	0.90	0.92	0.93	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00					
12	0.99	0.99	0.99		0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.56	0.66	0.70	0.87	1.00											
4	0.42	0.55	0.60	0.71	0.83	0.92	1.00									
6	0.40	0.53	0.59	0.65	0.75	0.82	0.89	0.95	1.00							
8	0.41	0.54	0.60	0.62	0.71	0.77	0.83	0.88	0.92	1.00						
10	0.46	0.58	0.63	0.63	0.70	0.76	0.80	0.84	0.88	0.94	1.00					
12	0.52	0.63	0.67		0.72	0.76	0.80	0.83	0.86	0.91	0.96	1.00				
14	0.60	0.69	0.73		0.75	0.79	0.81	0.84	0.86	0.90	0.94	0.97	1.00			
16	0.68	0.75	0.78		0.79	0.82	0.84	0.86	0.88	0.91	0.93	0.96	0.98	1.00		
18	0.78	0.83	0.85		0.85	0.87	0.88	0.90	0.91	0.93	0.94	0.96	0.97	0.99	1.00	
20	0.88	0.91	0.92		0.92	0.93	0.93	0.94	0.95	0.96	0.97	0.97	0.98	0.99	0.99	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.66	0.74	0.77	0.90	1.00											
4	0.59	0.68	0.72	0.80	0.88	0.95	1.00									
6	0.58	0.67	0.71	0.75	0.82	0.88	0.92	0.96	1.00							
8	0.62	0.71	0.74	0.75	0.81	0.85	0.89	0.92	0.95	1.00						
10	0.68	0.75	0.78	0.78	0.82	0.86	0.88	0.91	0.93	0.97	1.00					
12	0.76	0.81	0.84		0.86	0.88	0.90	0.92	0.93	0.96	0.98	1.00				
14	0.86	0.89	0.90		0.91	0.93	0.94	0.94	0.95	0.97	0.98	0.99	1.00			
16	0.97	0.98	0.98		0.98	0.98	0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.48	0.60	0.64	0.85	1.00											
4	0.29	0.45	0.51	0.65	0.79	0.90	1.00									
6	0.24	0.41	0.48	0.55	0.68	0.78	0.86	0.93	1.00							
8	0.24	0.41	0.48	0.51	0.62	0.71	0.78	0.84	0.90	1.00						
10	0.27	0.43	0.50	0.50	0.60	0.67	0.73	0.79	0.84	0.92	1.00					
12	0.31	0.46	0.53		0.59	0.66	0.71	0.76	0.80	0.87	0.94	1.00				
14	0.37	0.51	0.57		0.61	0.66	0.71	0.75	0.78	0.85	0.90	0.95	1.00			
16	0.43	0.56	0.61		0.63	0.68	0.72	0.75	0.78	0.83	0.88	0.92	0.96	1.00		
18	0.51	0.62	0.67		0.67	0.71	0.74	0.77	0.79	0.84	0.88	0.91	0.94	0.97	1.00	
20	0.59	0.68	0.72		0.72	0.75	0.78	0.80	0.82	0.85	0.88	0.91	0.93	0.96	0.98	1.00
24	0.76	0.81	0.84			0.85	0.86	0.87	0.88	0.90	0.92	0.93	0.94	0.96	0.97	0.98

Table 10 - P Factor Contouring EI = 90

Cover Condition 3 **Soil Hydrologic Group A**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.50	0.61	0.66		0.66	0.70	0.73	0.75	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.57	0.67	0.71			0.72	0.75	0.77	0.79	0.82	0.85	0.88	0.90	0.92	0.94	0.96

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.34	0.49	0.55	0.81	1.00											
4	0.15	0.34	0.42	0.58	0.75	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.15	0.34	0.42		0.50	0.58	0.64	0.70	0.75	0.85	0.93	1.00				
14	0.15	0.34	0.42		0.47	0.55	0.61	0.66	0.71	0.79	0.87	0.94	1.00			
16	0.17	0.36	0.43		0.47	0.53	0.59	0.64	0.68	0.76	0.83	0.89	0.95	1.00		
18	0.18	0.37	0.44		0.46	0.52	0.57	0.62	0.66	0.73	0.79	0.85	0.91	0.95	1.00	
20	0.20	0.38	0.46		0.46	0.51	0.56	0.60	0.64	0.71	0.77	0.82	0.87	0.92	0.96	1.00
24	0.25	0.42	0.49			0.52	0.56	0.60	0.63	0.69	0.74	0.79	0.83	0.87	0.90	0.94

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.33	0.48	0.54	0.80	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.30	0.46	0.52		0.54	0.59	0.63	0.67	0.71	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.31	0.47	0.53		0.53	0.58	0.62	0.66	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.38	0.52	0.58			0.60	0.64	0.67	0.69	0.74	0.78	0.82	0.86	0.89	0.92	0.95

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.36	0.50	0.56	0.81	1.00											
4	0.13	0.32	0.41	0.57	0.75	0.88	1.00									
6	0.08	0.29	0.37	0.46	0.61	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.08	0.29	0.37	0.37	0.49	0.59	0.66	0.73	0.79	0.90	1.00					
12	0.08	0.29	0.37		0.46	0.54	0.61	0.68	0.73	0.83	0.92	1.00				
14	0.09	0.29	0.38		0.44	0.51	0.58	0.64	0.69	0.78	0.86	0.93	1.00			
16	0.11	0.31	0.39		0.43	0.50	0.56	0.61	0.66	0.74	0.82	0.88	0.94	1.00		
18	0.12	0.32	0.40		0.42	0.48	0.54	0.59	0.63	0.71	0.78	0.84	0.90	0.95	1.00	
20	0.14	0.33	0.41		0.41	0.48	0.53	0.57	0.62	0.69	0.75	0.81	0.86	0.91	0.96	1.00
24	0.18	0.37	0.44			0.47	0.52	0.56	0.60	0.66	0.72	0.77	0.81	0.85	0.89	0.93

Table 10 - P Factor Contouring EI = 90

Cover Condition 3 **Soil Hydrologic Group B**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.52	0.63	0.67	0.86	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.57	0.66	0.70	0.70	0.76	0.81	0.84	0.87	0.90	0.95	1.00					
12	0.64	0.72	0.75		0.79	0.82	0.85	0.87	0.90	0.93	0.97	1.00				
14	0.73	0.79	0.82		0.83	0.86	0.87	0.89	0.91	0.93	0.96	0.98	1.00			
16	0.83	0.87	0.88		0.89	0.90	0.92	0.93	0.93	0.95	0.96	0.98	0.99	1.00		
18	0.93	0.95	0.95		0.95	0.96	0.96	0.97	0.97	0.98	0.98	0.99	0.99	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.44	0.56	0.61	0.83	1.00											
4	0.26	0.43	0.50	0.63	0.78	0.90	1.00									
6	0.24	0.41	0.48	0.55	0.68	0.78	0.86	0.93	1.00							
8	0.24	0.41	0.48	0.51	0.62	0.71	0.78	0.84	0.90	1.00						
10	0.27	0.43	0.50	0.50	0.60	0.67	0.73	0.79	0.84	0.92	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.70	0.75	0.80	0.87	0.94	1.00				
14	0.34	0.49	0.55		0.59	0.65	0.69	0.73	0.77	0.84	0.90	0.95	1.00			
16	0.38	0.52	0.58		0.60	0.65	0.69	0.73	0.76	0.82	0.87	0.92	0.96	1.00		
18	0.43	0.56	0.61		0.62	0.66	0.70	0.73	0.76	0.81	0.86	0.90	0.93	0.97	1.00	
20	0.48	0.60	0.65		0.65	0.68	0.71	0.74	0.77	0.81	0.85	0.89	0.92	0.95	0.97	1.00
24	0.60	0.69	0.73			0.74	0.77	0.79	0.80	0.83	0.86	0.89	0.91	0.93	0.95	0.97

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.47	0.59	0.64	0.85	1.00											
4	0.35	0.50	0.56	0.68	0.81	0.91	1.00									
6	0.34	0.49	0.55	0.61	0.72	0.81	0.88	0.94	1.00							
8	0.37	0.51	0.57	0.59	0.68	0.75	0.81	0.87	0.92	1.00						
10	0.40	0.53	0.59	0.59	0.67	0.73	0.78	0.83	0.87	0.94	1.00					
12	0.45	0.57	0.62		0.68	0.73	0.77	0.81	0.84	0.90	0.95	1.00				
14	0.51	0.62	0.67		0.70	0.74	0.77	0.80	0.83	0.88	0.93	0.96	1.00			
16	0.58	0.67	0.71		0.73	0.76	0.79	0.82	0.84	0.88	0.91	0.94	0.97	1.00		
18	0.65	0.73	0.76		0.77	0.79	0.82	0.84	0.85	0.88	0.91	0.94	0.96	0.98	1.00	
20	0.72	0.78	0.81		0.81	0.83	0.85	0.86	0.87	0.90	0.92	0.94	0.96	0.97	0.99	1.00
24	0.89	0.91	0.93			0.93	0.94	0.94	0.95	0.95	0.96	0.97	0.97	0.98	0.99	0.99

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.41	0.54	0.60	0.83	1.00											
4	0.20	0.38	0.45	0.60	0.76	0.89	1.00									
6	0.15	0.34	0.42	0.49	0.64	0.75	0.84	0.93	1.00							
8	0.14	0.33	0.41	0.45	0.57	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.17	0.36	0.43		0.51	0.59	0.65	0.71	0.76	0.85	0.93	1.00				
14	0.20	0.38	0.45		0.50	0.57	0.63	0.68	0.73	0.81	0.88	0.94	1.00			
16	0.23	0.40	0.48		0.50	0.57	0.62	0.66	0.70	0.78	0.84	0.90	0.95	1.00		
18	0.27	0.44	0.50		0.52	0.57	0.62	0.66	0.69	0.76	0.82	0.87	0.92	0.96	1.00	
20	0.30	0.46	0.52		0.52	0.57	0.62	0.65	0.69	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.39	0.53	0.59			0.61	0.64	0.67	0.70	0.75	0.79	0.83	0.86	0.89	0.92	0.95

Table 10 - P Factor Contouring EI = 90

Cover Condition 3 **Soil Hydrologic Group C**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.69	0.76	0.79	0.91	1.00											
4	0.64	0.72	0.75	0.82	0.89	0.95	1.00									
6	0.66	0.74	0.77	0.80	0.86	0.90	0.94	0.97	1.00							
8	0.71	0.77	0.80	0.81	0.86	0.89	0.92	0.94	0.96	1.00						
10	0.79	0.84	0.86	0.86	0.88	0.91	0.92	0.94	0.95	0.98	1.00					
12	0.89	0.91	0.92		0.94	0.95	0.95	0.96	0.97	0.98	0.99	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.51	0.62	0.66	0.86	1.00											
4	0.36	0.50	0.56	0.68	0.81	0.91	1.00									
6	0.34	0.49	0.55	0.61	0.72	0.81	0.88	0.94	1.00							
8	0.35	0.50	0.56	0.58	0.68	0.75	0.81	0.86	0.91	1.00						
10	0.39	0.53	0.58	0.58	0.66	0.72	0.78	0.82	0.86	0.94	1.00					
12	0.44	0.57	0.62		0.67	0.72	0.76	0.80	0.84	0.90	0.95	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.57	0.67	0.71		0.72	0.76	0.79	0.81	0.83	0.88	0.91	0.94	0.97	1.00		
18	0.65	0.73	0.76		0.77	0.79	0.82	0.84	0.85	0.88	0.91	0.94	0.96	0.98	1.00	
20	0.73	0.79	0.82		0.82	0.84	0.85	0.87	0.88	0.90	0.92	0.94	0.96	0.97	0.99	1.00
24	0.92	0.94	0.95			0.95	0.95	0.96	0.96	0.97	0.97	0.98	0.98	0.99	0.99	0.99

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.59	0.68	0.72	0.88	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.49	0.60	0.65	0.70	0.78	0.85	0.91	0.96	1.00							
8	0.52	0.63	0.67	0.69	0.76	0.81	0.86	0.90	0.94	1.00						
10	0.58	0.67	0.71	0.71	0.77	0.81	0.85	0.88	0.91	0.96	1.00					
12	0.65	0.73	0.76		0.79	0.83	0.85	0.88	0.90	0.94	0.97	1.00				
14	0.74	0.80	0.82		0.84	0.86	0.88	0.90	0.91	0.94	0.96	0.98	1.00			
16	0.83	0.87	0.88		0.89	0.90	0.92	0.93	0.93	0.95	0.96	0.98	0.99	1.00		
18	0.94	0.95	0.96		0.96	0.96	0.97	0.97	0.97	0.98	0.98	0.99	0.99	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.46	0.58	0.63	0.84	1.00											
4	0.25	0.42	0.49	0.63	0.78	0.90	1.00									
6	0.21	0.39	0.46	0.53	0.67	0.77	0.86	0.93	1.00							
8	0.20	0.38	0.45	0.48	0.60	0.69	0.77	0.83	0.89	1.00						
10	0.22	0.39	0.47	0.47	0.57	0.65	0.71	0.77	0.83	0.92	1.00					
12	0.26	0.43	0.49		0.56	0.63	0.69	0.74	0.78	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.35	0.50	0.56		0.58	0.63	0.68	0.72	0.75	0.81	0.87	0.91	0.96	1.00		
18	0.41	0.54	0.60		0.61	0.65	0.69	0.72	0.75	0.81	0.85	0.89	0.93	0.97	1.00	
20	0.47	0.59	0.64		0.64	0.68	0.71	0.74	0.76	0.81	0.85	0.88	0.92	0.95	0.97	1.00
24	0.61	0.70	0.74			0.75	0.77	0.79	0.81	0.84	0.86	0.89	0.91	0.93	0.95	0.97

Table 10 - P Factor Contouring EI = 90

Cover Condition 3 **Soil Hydrologic Group D**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.78	0.83	0.85	0.94	1.00											
4	0.75	0.81	0.83	0.88	0.93	0.97	1.00									
6	0.76	0.81	0.84	0.86	0.90	0.93	0.96	0.98	1.00							
8	0.82	0.86	0.88	0.88	0.91	0.93	0.95	0.96	0.98	1.00						
10	0.89	0.91	0.92	0.92	0.94	0.95	0.96	0.97	0.98	0.99	1.00					
12	0.99	0.99	0.99		0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.55	0.65	0.69	0.87	1.00											
4	0.42	0.55	0.60	0.71	0.83	0.92	1.00									
6	0.40	0.53	0.59	0.65	0.75	0.82	0.89	0.95	1.00							
8	0.41	0.54	0.60	0.62	0.71	0.77	0.83	0.88	0.92	1.00						
10	0.45	0.57	0.62	0.62	0.70	0.75	0.80	0.84	0.88	0.94	1.00					
12	0.51	0.62	0.67		0.71	0.76	0.79	0.83	0.86	0.91	0.96	1.00				
14	0.59	0.68	0.72		0.75	0.78	0.81	0.84	0.86	0.90	0.94	0.97	1.00			
16	0.67	0.74	0.78		0.79	0.81	0.84	0.86	0.87	0.90	0.93	0.96	0.98	1.00		
18	0.77	0.82	0.84		0.85	0.86	0.88	0.89	0.90	0.92	0.94	0.96	0.97	0.99	1.00	
20	0.87	0.90	0.91		0.91	0.92	0.93	0.94	0.94	0.95	0.96	0.97	0.98	0.99	0.99	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.66	0.74	0.77	0.90	1.00											
4	0.58	0.67	0.71	0.79	0.88	0.94	1.00									
6	0.57	0.67	0.71	0.75	0.82	0.87	0.92	0.96	1.00							
8	0.61	0.70	0.73	0.75	0.81	0.85	0.89	0.92	0.95	1.00						
10	0.67	0.74	0.77	0.77	0.82	0.85	0.88	0.90	0.93	0.97	1.00					
12	0.75	0.81	0.83		0.85	0.88	0.89	0.91	0.93	0.95	0.98	1.00				
14	0.85	0.88	0.90		0.91	0.92	0.93	0.94	0.95	0.96	0.98	0.99	1.00			
16	0.96	0.97	0.97		0.97	0.98	0.98	0.98	0.98	0.99	0.99	0.99	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.48	0.60	0.64	0.85	1.00											
4	0.29	0.45	0.51	0.65	0.79	0.90	1.00									
6	0.24	0.41	0.48	0.55	0.68	0.78	0.86	0.93	1.00							
8	0.24	0.41	0.48	0.51	0.62	0.71	0.78	0.84	0.90	1.00						
10	0.26	0.43	0.49	0.49	0.59	0.67	0.73	0.78	0.83	0.92	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.36	0.50	0.56		0.60	0.66	0.70	0.74	0.78	0.85	0.90	0.95	1.00			
16	0.42	0.55	0.60		0.63	0.67	0.71	0.75	0.78	0.83	0.88	0.92	0.96	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.58	0.67	0.71		0.71	0.74	0.77	0.79	0.81	0.85	0.88	0.91	0.93	0.96	0.98	1.00
24	0.75	0.81	0.83			0.84	0.85	0.87	0.88	0.90	0.91	0.93	0.94	0.96	0.97	0.98

Table 10 - P Factor Contouring EI = 90

Cover Condition 4 **Soil Hydrologic Group A**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.50	0.61	0.66		0.66	0.70	0.73	0.75	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.61	0.70	0.74			0.75	0.77	0.79	0.81	0.84	0.86	0.89	0.91	0.93	0.95	0.97

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.35	0.50	0.56	0.81	1.00											
4	0.15	0.34	0.42	0.58	0.75	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.15	0.34	0.42		0.50	0.58	0.64	0.70	0.75	0.85	0.93	1.00				
14	0.16	0.35	0.43		0.48	0.55	0.61	0.66	0.71	0.80	0.87	0.94	1.00			
16	0.18	0.36	0.44		0.47	0.54	0.59	0.64	0.68	0.76	0.83	0.89	0.95	1.00		
18	0.20	0.38	0.46		0.47	0.53	0.58	0.62	0.67	0.74	0.80	0.86	0.91	0.96	1.00	
20	0.22	0.40	0.47		0.47	0.53	0.57	0.61	0.65	0.72	0.78	0.83	0.88	0.92	0.96	1.00
24	0.27	0.44	0.50			0.53	0.57	0.61	0.64	0.70	0.75	0.79	0.83	0.87	0.91	0.94

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.34	0.49	0.55	0.81	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.30	0.46	0.52		0.54	0.59	0.63	0.67	0.71	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.34	0.49	0.55		0.55	0.60	0.64	0.67	0.70	0.76	0.81	0.85	0.89	0.93	0.97	1.00
24	0.41	0.54	0.60			0.62	0.65	0.68	0.71	0.75	0.80	0.83	0.86	0.90	0.92	0.95

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.36	0.50	0.56	0.81	1.00											
4	0.13	0.32	0.41	0.57	0.75	0.88	1.00									
6	0.08	0.29	0.37	0.46	0.61	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.08	0.29	0.37	0.37	0.49	0.59	0.66	0.73	0.79	0.90	1.00					
12	0.09	0.29	0.38		0.46	0.55	0.62	0.68	0.74	0.83	0.92	1.00				
14	0.10	0.30	0.39		0.44	0.52	0.58	0.64	0.69	0.78	0.86	0.93	1.00			
16	0.11	0.31	0.39		0.43	0.50	0.56	0.61	0.66	0.74	0.82	0.88	0.94	1.00		
18	0.13	0.33	0.41		0.42	0.49	0.54	0.59	0.64	0.71	0.78	0.84	0.90	0.95	1.00	
20	0.15	0.34	0.42		0.42	0.48	0.53	0.58	0.62	0.69	0.76	0.81	0.86	0.91	0.96	1.00
24	0.18	0.37	0.44			0.47	0.52	0.56	0.60	0.66	0.72	0.77	0.81	0.85	0.89	0.93

Table 10 - P Factor Contouring EI = 90

Cover Condition 4 **Soil Hydrologic Group B**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.57	0.67	0.71	0.87	1.00											
4	0.51	0.62	0.67	0.76	0.86	0.93	1.00									
6	0.52	0.63	0.67	0.72	0.80	0.86	0.91	0.96	1.00							
8	0.57	0.67	0.71	0.72	0.79	0.83	0.87	0.91	0.94	1.00						
10	0.64	0.72	0.75	0.75	0.80	0.84	0.87	0.90	0.92	0.96	1.00					
12	0.72	0.78	0.81		0.83	0.86	0.88	0.90	0.92	0.95	0.98	1.00				
14	0.82	0.86	0.88		0.89	0.90	0.92	0.93	0.94	0.96	0.97	0.99	1.00			
16	0.92	0.94	0.95		0.95	0.95	0.96	0.96	0.97	0.98	0.98	0.99	0.99	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.46	0.58	0.63	0.84	1.00											
4	0.29	0.45	0.51	0.65	0.79	0.90	1.00									
6	0.27	0.43	0.50	0.57	0.69	0.79	0.87	0.94	1.00							
8	0.27	0.43	0.50	0.53	0.64	0.72	0.79	0.85	0.90	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.34	0.49	0.55		0.61	0.67	0.72	0.77	0.81	0.88	0.94	1.00				
14	0.38	0.52	0.58		0.62	0.67	0.71	0.75	0.79	0.85	0.91	0.95	1.00			
16	0.43	0.56	0.61		0.63	0.68	0.72	0.75	0.78	0.83	0.88	0.92	0.96	1.00		
18	0.49	0.61	0.65		0.66	0.70	0.73	0.76	0.79	0.83	0.87	0.91	0.94	0.97	1.00	
20	0.55	0.65	0.69		0.69	0.73	0.75	0.78	0.80	0.84	0.87	0.90	0.93	0.95	0.98	1.00
24	0.69	0.76	0.79			0.80	0.82	0.83	0.85	0.87	0.89	0.91	0.93	0.95	0.96	0.97

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.51	0.62	0.66	0.86	1.00											
4	0.39	0.53	0.58	0.70	0.82	0.92	1.00									
6	0.39	0.53	0.58	0.64	0.74	0.82	0.89	0.95	1.00							
8	0.41	0.54	0.60	0.62	0.71	0.77	0.83	0.88	0.92	1.00						
10	0.45	0.57	0.62	0.62	0.70	0.75	0.80	0.84	0.88	0.94	1.00					
12	0.51	0.62	0.67		0.71	0.76	0.79	0.83	0.86	0.91	0.96	1.00				
14	0.58	0.67	0.71		0.74	0.78	0.81	0.83	0.86	0.90	0.94	0.97	1.00			
16	0.65	0.73	0.76		0.77	0.80	0.83	0.85	0.87	0.90	0.93	0.95	0.98	1.00		
18	0.73	0.79	0.82		0.82	0.84	0.86	0.87	0.89	0.91	0.93	0.95	0.97	0.98	1.00	
20	0.82	0.86	0.88		0.88	0.89	0.90	0.91	0.92	0.93	0.95	0.96	0.97	0.98	0.99	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.43	0.56	0.61	0.83	1.00											
4	0.21	0.39	0.46	0.61	0.77	0.89	1.00									
6	0.16	0.35	0.43	0.50	0.65	0.75	0.85	0.93	1.00							
8	0.16	0.35	0.43	0.46	0.58	0.68	0.75	0.82	0.89	1.00						
10	0.17	0.36	0.43	0.43	0.54	0.63	0.70	0.76	0.81	0.91	1.00					
12	0.20	0.38	0.45		0.53	0.60	0.66	0.72	0.77	0.85	0.93	1.00				
14	0.23	0.40	0.47		0.52	0.59	0.64	0.69	0.74	0.81	0.88	0.94	1.00			
16	0.27	0.43	0.50		0.53	0.59	0.64	0.68	0.72	0.79	0.85	0.90	0.95	1.00		
18	0.31	0.47	0.53		0.54	0.59	0.64	0.68	0.71	0.77	0.83	0.88	0.92	0.96	1.00	
20	0.35	0.50	0.56		0.56	0.60	0.64	0.68	0.71	0.76	0.81	0.86	0.90	0.93	0.97	1.00
24	0.45	0.57	0.63			0.65	0.68	0.70	0.73	0.77	0.81	0.84	0.87	0.90	0.93	0.95

Table 10 - P Factor Contouring EI = 90

Cover Condition 4 **Soil Hydrologic Group C**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.73	0.79	0.82	0.92	1.00											
4	0.69	0.76	0.79	0.85	0.91	0.96	1.00									
6	0.70	0.77	0.79	0.82	0.87	0.91	0.95	0.97	1.00							
8	0.76	0.81	0.84	0.84	0.88	0.91	0.93	0.95	0.97	1.00						
10	0.83	0.87	0.88	0.88	0.91	0.92	0.94	0.95	0.96	0.98	1.00					
12	0.93	0.95	0.95		0.96	0.97	0.97	0.98	0.98	0.99	0.99	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.53	0.64	0.68	0.86	1.00											
4	0.38	0.52	0.58	0.69	0.82	0.92	1.00									
6	0.36	0.50	0.56	0.62	0.73	0.81	0.88	0.94	1.00							
8	0.37	0.51	0.57	0.59	0.69	0.76	0.82	0.87	0.92	1.00						
10	0.41	0.54	0.60	0.60	0.67	0.73	0.78	0.83	0.87	0.94	1.00					
12	0.47	0.59	0.64		0.69	0.74	0.78	0.81	0.85	0.90	0.95	1.00				
14	0.53	0.64	0.68		0.71	0.75	0.78	0.81	0.84	0.89	0.93	0.97	1.00			
16	0.61	0.70	0.73		0.75	0.78	0.81	0.83	0.85	0.89	0.92	0.95	0.98	1.00		
18	0.69	0.76	0.79		0.79	0.82	0.84	0.85	0.87	0.90	0.92	0.94	0.96	0.98	1.00	
20	0.79	0.84	0.86		0.86	0.87	0.88	0.90	0.91	0.92	0.94	0.95	0.97	0.98	0.99	1.00
24	0.99	0.99	0.99		0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.62	0.70	0.74	0.89	1.00											
4	0.53	0.64	0.68	0.77	0.86	0.94	1.00									
6	0.52	0.63	0.67	0.72	0.80	0.86	0.91	0.96	1.00							
8	0.56	0.66	0.70	0.72	0.78	0.83	0.87	0.91	0.94	1.00						
10	0.62	0.71	0.74	0.74	0.79	0.83	0.86	0.89	0.91	0.96	1.00					
12	0.69	0.76	0.79		0.82	0.85	0.87	0.89	0.91	0.94	0.97	1.00				
14	0.78	0.83	0.85		0.86	0.88	0.90	0.91	0.92	0.95	0.97	0.98	1.00			
16	0.88	0.91	0.92		0.92	0.93	0.94	0.95	0.95	0.97	0.98	0.98	0.99	1.00		
18	0.99	0.99	0.99		0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.46	0.58	0.63	0.84	1.00											
4	0.27	0.43	0.50	0.64	0.79	0.90	1.00									
6	0.22	0.39	0.47	0.54	0.67	0.77	0.86	0.93	1.00							
8	0.22	0.39	0.47	0.50	0.61	0.70	0.77	0.84	0.90	1.00						
10	0.24	0.41	0.48	0.48	0.58	0.66	0.72	0.78	0.83	0.92	1.00					
12	0.28	0.44	0.51		0.57	0.64	0.70	0.75	0.79	0.87	0.94	1.00				
14	0.32	0.47	0.54		0.58	0.64	0.69	0.73	0.77	0.84	0.90	0.95	1.00			
16	0.38	0.52	0.58		0.60	0.65	0.69	0.73	0.76	0.82	0.87	0.92	0.96	1.00		
18	0.44	0.57	0.62		0.63	0.67	0.71	0.74	0.77	0.82	0.86	0.90	0.94	0.97	1.00	
20	0.51	0.62	0.67		0.67	0.70	0.73	0.76	0.78	0.82	0.86	0.89	0.92	0.95	0.98	1.00
24	0.67	0.74	0.78			0.79	0.81	0.82	0.84	0.86	0.89	0.91	0.92	0.94	0.96	0.97

Table 10 - P Factor Contouring EI = 90

Cover Condition 4 **Soil Hydrologic Group D**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.80	0.84	0.86	0.94	1.00											
4	0.77	0.82	0.84	0.89	0.93	0.97	1.00									
6	0.79	0.84	0.86	0.88	0.91	0.94	0.96	0.98	1.00							
8	0.84	0.88	0.89	0.90	0.92	0.94	0.95	0.97	0.98	1.00						
10	0.91	0.93	0.94	0.94	0.95	0.96	0.97	0.97	0.98	0.99	1.00					
12	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.56	0.66	0.70	0.87	1.00											
4	0.43	0.56	0.61	0.72	0.83	0.92	1.00									
6	0.41	0.54	0.60	0.65	0.75	0.83	0.89	0.95	1.00							
8	0.42	0.55	0.60	0.63	0.71	0.78	0.83	0.88	0.92	1.00						
10	0.47	0.59	0.64	0.64	0.71	0.76	0.81	0.85	0.88	0.94	1.00					
12	0.53	0.64	0.68		0.72	0.77	0.80	0.83	0.86	0.91	0.96	1.00				
14	0.61	0.70	0.73		0.76	0.79	0.82	0.84	0.87	0.91	0.94	0.97	1.00			
16	0.70	0.77	0.80		0.81	0.83	0.85	0.87	0.88	0.91	0.94	0.96	0.98	1.00		
18	0.79	0.84	0.86		0.86	0.88	0.89	0.90	0.91	0.93	0.95	0.96	0.98	0.99	1.00	
20	0.90	0.92	0.93		0.93	0.94	0.95	0.95	0.96	0.96	0.97	0.98	0.98	0.99	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.67	0.74	0.77	0.90	1.00											
4	0.60	0.69	0.73	0.80	0.88	0.95	1.00									
6	0.59	0.68	0.72	0.76	0.83	0.88	0.92	0.96	1.00							
8	0.63	0.71	0.75	0.76	0.82	0.86	0.89	0.92	0.95	1.00						
10	0.69	0.76	0.79	0.79	0.83	0.86	0.89	0.91	0.93	0.97	1.00					
12	0.77	0.82	0.84		0.86	0.89	0.90	0.92	0.93	0.96	0.98	1.00				
14	0.87	0.90	0.91		0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00			
16	0.98	0.98	0.99		0.99	0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.48	0.60	0.64	0.85	1.00											
4	0.29	0.45	0.51	0.65	0.79	0.90	1.00									
6	0.25	0.42	0.49	0.56	0.68	0.78	0.86	0.93	1.00							
8	0.25	0.42	0.49	0.52	0.63	0.71	0.78	0.84	0.90	1.00						
10	0.27	0.43	0.50	0.50	0.60	0.67	0.73	0.79	0.84	0.92	1.00					
12	0.32	0.47	0.54		0.60	0.66	0.71	0.76	0.80	0.88	0.94	1.00				
14	0.37	0.51	0.57		0.61	0.66	0.71	0.75	0.78	0.85	0.90	0.95	1.00			
16	0.44	0.57	0.62		0.64	0.68	0.72	0.75	0.78	0.84	0.88	0.93	0.96	1.00		
18	0.52	0.63	0.67		0.68	0.72	0.75	0.77	0.80	0.84	0.88	0.91	0.94	0.97	1.00	
20	0.60	0.69	0.73		0.73	0.76	0.78	0.80	0.82	0.86	0.88	0.91	0.94	0.96	0.98	1.00
24	0.78	0.83	0.85			0.86	0.87	0.88	0.89	0.91	0.92	0.94	0.95	0.96	0.97	0.98

Table 10 - P Factor Contouring EI = 90

Cover Condition 5 **Soil Hydrologic Group A**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.51	0.62	0.67		0.70	0.74	0.77	0.80	0.83	0.88	0.93	0.96	1.00			
16	0.58	0.67	0.71		0.73	0.76	0.79	0.82	0.84	0.88	0.91	0.94	0.97	1.00		
18	0.65	0.73	0.76		0.77	0.79	0.82	0.84	0.85	0.88	0.91	0.94	0.96	0.98	1.00	
20	0.72	0.78	0.81		0.81	0.83	0.85	0.86	0.87	0.90	0.92	0.94	0.96	0.97	0.99	1.00
24	0.89	0.91	0.93			0.93	0.94	0.94	0.95	0.95	0.96	0.97	0.97	0.98	0.99	0.99

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.38	0.52	0.58	0.82	1.00											
4	0.19	0.37	0.45	0.60	0.76	0.89	1.00									
6	0.17	0.36	0.43	0.51	0.65	0.76	0.85	0.93	1.00							
8	0.17	0.36	0.43	0.46	0.59	0.68	0.76	0.83	0.89	1.00						
10	0.18	0.36	0.44	0.44	0.55	0.63	0.70	0.76	0.82	0.91	1.00					
12	0.20	0.38	0.45		0.53	0.60	0.66	0.72	0.77	0.85	0.93	1.00				
14	0.23	0.40	0.47		0.52	0.59	0.64	0.69	0.74	0.81	0.88	0.94	1.00			
16	0.26	0.43	0.50		0.52	0.58	0.63	0.68	0.72	0.79	0.85	0.90	0.95	1.00		
18	0.29	0.45	0.52		0.53	0.58	0.63	0.67	0.70	0.77	0.82	0.87	0.92	0.96	1.00	
20	0.32	0.47	0.54		0.54	0.59	0.63	0.66	0.70	0.75	0.80	0.85	0.89	0.93	0.97	1.00
24	0.39	0.53	0.59			0.61	0.64	0.67	0.70	0.75	0.79	0.83	0.86	0.89	0.92	0.95

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.39	0.53	0.58	0.82	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.31	0.46	0.53		0.59	0.66	0.71	0.76	0.80	0.87	0.94	1.00				
14	0.35	0.50	0.56		0.60	0.65	0.70	0.74	0.78	0.84	0.90	0.95	1.00			
16	0.39	0.53	0.58		0.61	0.66	0.70	0.73	0.77	0.82	0.87	0.92	0.96	1.00		
18	0.40	0.54	0.59		0.60	0.65	0.68	0.72	0.75	0.80	0.85	0.89	0.93	0.97	1.00	
20	0.49	0.61	0.65		0.65	0.69	0.72	0.75	0.77	0.82	0.85	0.89	0.92	0.95	0.97	1.00
24	0.60	0.69	0.73			0.74	0.77	0.79	0.80	0.83	0.86	0.89	0.91	0.93	0.95	0.97

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.38	0.52	0.58	0.82	1.00											
4	0.16	0.35	0.43	0.58	0.75	0.89	1.00									
6	0.10	0.30	0.38	0.47	0.62	0.74	0.84	0.92	1.00							
8	0.10	0.30	0.39	0.42	0.55	0.65	0.74	0.81	0.88	1.00						
10	0.11	0.31	0.39	0.39	0.51	0.60	0.67	0.74	0.80	0.91	1.00					
12	0.12	0.32	0.40		0.48	0.56	0.63	0.69	0.74	0.84	0.92	1.00				
14	0.14	0.33	0.41		0.47	0.54	0.60	0.66	0.71	0.79	0.87	0.94	1.00			
16	0.15	0.34	0.42		0.45	0.52	0.58	0.63	0.67	0.75	0.82	0.89	0.95	1.00		
18	0.18	0.37	0.44		0.46	0.52	0.57	0.62	0.66	0.73	0.79	0.85	0.91	0.95	1.00	
20	0.20	0.38	0.46		0.46	0.51	0.56	0.60	0.64	0.71	0.77	0.82	0.87	0.92	0.96	1.00
24	0.25	0.42	0.49			0.52	0.56	0.60	0.63	0.69	0.74	0.79	0.83	0.87	0.90	0.94

Table 10 - P Factor Contouring EI = 90

Cover Condition 5 **Soil Hydrologic Group B**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.62	0.70	0.74	0.89	1.00											
4	0.56	0.66	0.70	0.78	0.87	0.94	1.00									
6	0.58	0.67	0.71	0.75	0.82	0.88	0.92	0.96	1.00							
8	0.63	0.71	0.75	0.76	0.82	0.86	0.89	0.92	0.95	1.00						
10	0.70	0.77	0.80	0.80	0.83	0.86	0.89	0.91	0.93	0.97	1.00					
12	0.79	0.84	0.86		0.88	0.90	0.91	0.93	0.94	0.96	0.98	1.00				
14	0.90	0.92	0.93		0.94	0.95	0.95	0.96	0.97	0.98	0.98	0.99	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.48	0.60	0.64	0.85	1.00											
4	0.32	0.47	0.54	0.66	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.31	0.46	0.53	0.55	0.66	0.73	0.80	0.86	0.91	1.00						
10	0.34	0.49	0.55	0.55	0.64	0.70	0.76	0.81	0.85	0.93	1.00					
12	0.38	0.52	0.58		0.63	0.69	0.74	0.78	0.82	0.89	0.95	1.00				
14	0.43	0.56	0.61		0.65	0.70	0.74	0.77	0.80	0.86	0.91	0.96	1.00			
16	0.49	0.60	0.65		0.67	0.71	0.75	0.78	0.80	0.85	0.89	0.93	0.97	1.00		
18	0.56	0.66	0.70		0.71	0.74	0.77	0.79	0.82	0.86	0.89	0.92	0.95	0.98	1.00	
20	0.63	0.71	0.75		0.75	0.77	0.80	0.82	0.83	0.87	0.89	0.92	0.94	0.96	0.98	1.00
24	0.78	0.83	0.85			0.86	0.87	0.88	0.89	0.91	0.92	0.94	0.95	0.96	0.97	0.98

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.54	0.64	0.69	0.87	1.00											
4	0.44	0.57	0.62	0.72	0.84	0.93	1.00									
6	0.43	0.56	0.61	0.66	0.76	0.83	0.90	0.95	1.00							
8	0.46	0.58	0.63	0.65	0.73	0.79	0.84	0.89	0.93	1.00						
10	0.51	0.62	0.67	0.67	0.73	0.78	0.82	0.86	0.89	0.95	1.00					
12	0.57	0.67	0.71		0.75	0.79	0.82	0.85	0.87	0.92	0.96	1.00				
14	0.64	0.72	0.75		0.78	0.81	0.83	0.86	0.88	0.91	0.94	0.97	1.00			
16	0.73	0.79	0.82		0.83	0.85	0.87	0.88	0.90	0.92	0.94	0.96	0.98	1.00		
18	0.82	0.86	0.88		0.88	0.89	0.91	0.92	0.92	0.94	0.95	0.97	0.98	0.99	1.00	
20	0.92	0.94	0.95		0.95	0.95	0.96	0.96	0.96	0.97	0.98	0.98	0.99	0.99	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.44	0.57	0.62	0.84	1.00											
4	0.23	0.40	0.47	0.62	0.77	0.90	1.00									
6	0.18	0.36	0.44	0.52	0.65	0.76	0.85	0.93	1.00							
8	0.18	0.36	0.44	0.47	0.59	0.68	0.76	0.83	0.89	1.00						
10	0.19	0.37	0.45	0.45	0.55	0.63	0.70	0.76	0.82	0.92	1.00					
12	0.22	0.40	0.47		0.54	0.61	0.67	0.72	0.77	0.86	0.93	1.00				
14	0.26	0.43	0.50		0.54	0.60	0.66	0.70	0.75	0.82	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.35	0.50	0.56		0.57	0.62	0.66	0.70	0.73	0.79	0.84	0.88	0.93	0.96	1.00	
20	0.40	0.54	0.59		0.59	0.63	0.67	0.70	0.73	0.78	0.83	0.87	0.90	0.94	0.97	1.00
24	0.51	0.62	0.67			0.69	0.71	0.74	0.76	0.80	0.83	0.86	0.89	0.91	0.94	0.96

Table 10 - P Factor Contouring EI = 90

Cover Condition 5 **Soil Hydrologic Group C**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.76	0.81	0.84	0.93	1.00											
4	0.73	0.79	0.82	0.87	0.92	0.96	1.00									
6	0.74	0.80	0.82	0.85	0.89	0.92	0.95	0.98	1.00							
8	0.80	0.84	0.86	0.87	0.90	0.92	0.94	0.96	0.97	1.00						
10	0.87	0.90	0.91	0.91	0.93	0.94	0.95	0.96	0.97	0.99	1.00					
12	0.97	0.98	0.98		0.98	0.99	0.99	0.99	0.99	0.99	1.00	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.55	0.65	0.69	0.87	1.00											
4	0.41	0.54	0.60	0.71	0.83	0.92	1.00									
6	0.39	0.53	0.58	0.64	0.74	0.82	0.89	0.95	1.00							
8	0.40	0.53	0.59	0.61	0.70	0.77	0.82	0.87	0.92	1.00						
10	0.44	0.57	0.62	0.62	0.69	0.75	0.79	0.84	0.87	0.94	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.57	0.67	0.71		0.73	0.77	0.80	0.83	0.85	0.90	0.93	0.97	1.00			
16	0.65	0.73	0.76		0.77	0.80	0.83	0.85	0.87	0.90	0.93	0.95	0.98	1.00		
18	0.74	0.80	0.82		0.83	0.85	0.86	0.88	0.89	0.91	0.93	0.95	0.97	0.99	1.00	
20	0.84	0.88	0.89		0.89	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.64	0.72	0.75	0.89	1.00											
4	0.56	0.66	0.70	0.78	0.87	0.94	1.00									
6	0.56	0.66	0.70	0.74	0.81	0.87	0.92	0.96	1.00							
8	0.59	0.68	0.72	0.74	0.80	0.84	0.88	0.91	0.95	1.00						
10	0.65	0.73	0.76	0.76	0.81	0.84	0.87	0.90	0.92	0.96	1.00					
12	0.73	0.79	0.82		0.84	0.87	0.89	0.90	0.92	0.95	0.98	1.00				
14	0.83	0.87	0.88		0.89	0.91	0.92	0.93	0.94	0.96	0.97	0.99	1.00			
16	0.93	0.95	0.95		0.95	0.96	0.97	0.97	0.97	0.98	0.99	0.99	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.47	0.59	0.64	0.84	1.00											
4	0.28	0.44	0.51	0.64	0.79	0.90	1.00									
6	0.23	0.40	0.47	0.54	0.67	0.77	0.86	0.93	1.00							
8	0.23	0.40	0.47	0.50	0.62	0.70	0.78	0.84	0.90	1.00						
10	0.25	0.42	0.49	0.49	0.59	0.66	0.73	0.78	0.83	0.92	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.35	0.50	0.56		0.60	0.65	0.70	0.74	0.78	0.84	0.90	0.95	1.00			
16	0.41	0.54	0.60		0.62	0.67	0.71	0.74	0.77	0.83	0.88	0.92	0.96	1.00		
18	0.48	0.60	0.65		0.65	0.69	0.73	0.76	0.78	0.83	0.87	0.91	0.94	0.97	1.00	
20	0.55	0.65	0.69		0.69	0.73	0.75	0.78	0.80	0.84	0.87	0.90	0.93	0.95	0.98	1.00
24	0.72	0.78	0.81			0.82	0.84	0.85	0.86	0.88	0.90	0.92	0.94	0.95	0.96	0.98

Table 10 - P Factor Contouring EI = 90

Cover Condition 5 **Soil Hydrologic Group D**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.84	0.88	0.89	0.95	1.00											
4	0.82	0.86	0.88	0.91	0.95	0.98	1.00									
6	0.83	0.87	0.88	0.90	0.93	0.95	0.97	0.99	1.00							
8	0.88	0.91	0.92	0.92	0.94	0.95	0.96	0.97	0.98	1.00						
10	0.95	0.96	0.97	0.97	0.97	0.98	0.98	0.99	0.99	0.99	1.00					
12	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.58	0.67	0.71	0.88	1.00											
4	0.45	0.57	0.62	0.73	0.84	0.93	1.00									
6	0.43	0.56	0.61	0.66	0.76	0.83	0.90	0.95	1.00							
8	0.45	0.57	0.62	0.64	0.73	0.79	0.84	0.89	0.93	1.00						
10	0.49	0.60	0.65	0.65	0.72	0.77	0.81	0.85	0.89	0.95	1.00					
12	0.56	0.66	0.70		0.74	0.78	0.81	0.84	0.87	0.92	0.96	1.00				
14	0.65	0.73	0.76		0.78	0.81	0.84	0.86	0.88	0.92	0.95	0.97	1.00			
16	0.74	0.80	0.82		0.83	0.85	0.87	0.89	0.90	0.92	0.95	0.97	0.98	1.00		
18	0.85	0.88	0.90		0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00	
20	0.96	0.97	0.97		0.97	0.98	0.98	0.98	0.98	0.99	0.99	0.99	0.99	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.70	0.77	0.79	0.91	1.00											
4	0.63	0.71	0.75	0.82	0.89	0.95	1.00									
6	0.63	0.71	0.75	0.78	0.84	0.89	0.93	0.97	1.00							
8	0.66	0.74	0.77	0.78	0.83	0.87	0.90	0.93	0.95	1.00						
10	0.73	0.79	0.82	0.82	0.85	0.88	0.90	0.92	0.94	0.97	1.00					
12	0.82	0.86	0.88		0.89	0.91	0.92	0.94	0.95	0.97	0.98	1.00				
14	0.92	0.94	0.95		0.95	0.96	0.96	0.97	0.97	0.98	0.99	0.99	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.49	0.60	0.65	0.85	1.00											
4	0.31	0.46	0.53	0.66	0.80	0.91	1.00									
6	0.26	0.43	0.49	0.56	0.69	0.78	0.86	0.94	1.00							
8	0.26	0.43	0.49	0.52	0.63	0.71	0.78	0.85	0.90	1.00						
10	0.29	0.45	0.52	0.52	0.61	0.68	0.74	0.79	0.84	0.93	1.00					
12	0.34	0.49	0.55		0.61	0.67	0.72	0.77	0.81	0.88	0.94	1.00				
14	0.40	0.53	0.59		0.63	0.68	0.72	0.76	0.79	0.86	0.91	0.96	1.00			
16	0.47	0.59	0.64		0.66	0.70	0.74	0.77	0.80	0.85	0.89	0.93	0.97	1.00		
18	0.55	0.65	0.69		0.70	0.74	0.76	0.79	0.81	0.85	0.89	0.92	0.95	0.97	1.00	
20	0.64	0.72	0.75		0.75	0.78	0.80	0.82	0.84	0.87	0.90	0.92	0.94	0.96	0.98	1.00
24	0.84	0.88	0.89		0.89	0.90	0.91	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99

Table 10 - P Factor Contouring EI = 90

Cover Condition 6 **Soil Hydrologic Group A**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.52	0.63	0.67		0.72	0.76	0.80	0.83	0.86	0.91	0.96	1.00				
14	0.59	0.68	0.72		0.75	0.78	0.81	0.84	0.86	0.90	0.94	0.97	1.00			
16	0.67	0.74	0.78		0.79	0.81	0.84	0.86	0.87	0.90	0.93	0.96	0.98	1.00		
18	0.75	0.81	0.83		0.83	0.85	0.87	0.88	0.90	0.92	0.94	0.96	0.97	0.99	1.00	
20	0.84	0.88	0.89		0.89	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.40	0.53	0.59	0.82	1.00											
4	0.22	0.39	0.47	0.61	0.77	0.90	1.00									
6	0.19	0.37	0.45	0.52	0.66	0.76	0.85	0.93	1.00							
8	0.20	0.38	0.45	0.48	0.60	0.69	0.77	0.83	0.89	1.00						
10	0.21	0.39	0.46	0.46	0.56	0.64	0.71	0.77	0.82	0.92	1.00					
12	0.24	0.41	0.48		0.55	0.62	0.68	0.73	0.78	0.86	0.93	1.00				
14	0.27	0.43	0.50		0.55	0.61	0.66	0.71	0.75	0.82	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.34	0.49	0.55		0.56	0.61	0.65	0.69	0.72	0.78	0.83	0.88	0.92	0.96	1.00	
20	0.38	0.52	0.58		0.58	0.62	0.66	0.69	0.72	0.78	0.82	0.86	0.90	0.94	0.97	1.00
24	0.47	0.59	0.64			0.66	0.69	0.72	0.74	0.78	0.82	0.85	0.88	0.91	0.93	0.96

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.42	0.55	0.60	0.83	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.32	0.47	0.54	0.54	0.62	0.69	0.75	0.80	0.85	0.93	1.00					
12	0.36	0.50	0.56		0.62	0.68	0.73	0.77	0.81	0.88	0.94	1.00				
14	0.41	0.54	0.60		0.63	0.68	0.73	0.76	0.80	0.86	0.91	0.96	1.00			
16	0.46	0.58	0.63		0.65	0.70	0.73	0.76	0.79	0.84	0.89	0.93	0.97	1.00		
18	0.51	0.62	0.67		0.67	0.71	0.74	0.77	0.79	0.84	0.88	0.91	0.94	0.97	1.00	
20	0.57	0.67	0.71		0.71	0.74	0.76	0.79	0.81	0.84	0.88	0.91	0.93	0.96	0.98	1.00
24	0.70	0.77	0.80			0.81	0.82	0.84	0.85	0.88	0.90	0.91	0.93	0.95	0.96	0.98

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.39	0.53	0.58	0.82	1.00											
4	0.17	0.36	0.43	0.59	0.76	0.89	1.00									
6	0.12	0.32	0.40	0.48	0.63	0.74	0.84	0.92	1.00							
8	0.12	0.32	0.40	0.43	0.56	0.66	0.74	0.82	0.88	1.00						
10	0.12	0.32	0.40	0.40	0.51	0.60	0.68	0.74	0.80	0.91	1.00					
12	0.14	0.33	0.41		0.49	0.57	0.64	0.70	0.75	0.84	0.93	1.00				
14	0.16	0.35	0.43		0.48	0.55	0.61	0.66	0.71	0.80	0.87	0.94	1.00			
16	0.18	0.36	0.44		0.47	0.54	0.59	0.64	0.68	0.76	0.83	0.89	0.95	1.00		
18	0.21	0.39	0.46		0.48	0.54	0.59	0.63	0.67	0.74	0.80	0.86	0.91	0.96	1.00	
20	0.24	0.41	0.48		0.48	0.54	0.58	0.62	0.66	0.72	0.78	0.83	0.88	0.92	0.96	1.00
24	0.30	0.46	0.52			0.55	0.59	0.62	0.65	0.71	0.76	0.80	0.84	0.88	0.91	0.94

Table 10 - P Factor Contouring EI = 90

Cover Condition 6 **Soil Hydrologic Group B**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.67	0.74	0.77	0.90	1.00											
4	0.62	0.71	0.74	0.81	0.89	0.95	1.00									
6	0.64	0.72	0.75	0.79	0.85	0.89	0.93	0.97	1.00							
8	0.69	0.76	0.79	0.80	0.85	0.88	0.91	0.94	0.96	1.00						
10	0.77	0.82	0.84	0.84	0.87	0.90	0.92	0.93	0.95	0.98	1.00					
12	0.87	0.90	0.91		0.92	0.94	0.95	0.95	0.96	0.98	0.99	1.00				
14	0.98	0.98	0.99		0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.35	0.50	0.56	0.68	0.81	0.91	1.00									
6	0.33	0.48	0.54	0.60	0.72	0.80	0.88	0.94	1.00							
8	0.34	0.49	0.55	0.57	0.67	0.74	0.81	0.86	0.91	1.00						
10	0.37	0.51	0.57	0.57	0.65	0.72	0.77	0.82	0.86	0.93	1.00					
12	0.42	0.55	0.60		0.66	0.71	0.76	0.80	0.83	0.89	0.95	1.00				
14	0.48	0.60	0.65		0.68	0.72	0.76	0.79	0.82	0.87	0.92	0.96	1.00			
16	0.55	0.65	0.69		0.71	0.75	0.78	0.80	0.83	0.87	0.91	0.94	0.97	1.00		
18	0.62	0.71	0.74		0.75	0.78	0.80	0.82	0.84	0.87	0.90	0.93	0.96	0.98	1.00	
20	0.70	0.77	0.80		0.80	0.82	0.84	0.85	0.87	0.89	0.91	0.93	0.95	0.97	0.99	1.00
24	0.88	0.91	0.92		0.92	0.92	0.93	0.94	0.94	0.95	0.96	0.97	0.97	0.98	0.98	0.99

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.58	0.67	0.71	0.88	1.00											
4	0.48	0.60	0.64	0.74	0.85	0.93	1.00									
6	0.48	0.60	0.64	0.69	0.78	0.85	0.90	0.95	1.00							
8	0.51	0.62	0.67	0.68	0.76	0.81	0.86	0.90	0.93	1.00						
10	0.56	0.66	0.70	0.70	0.76	0.80	0.84	0.87	0.90	0.95	1.00					
12	0.63	0.71	0.75		0.78	0.82	0.84	0.87	0.89	0.93	0.97	1.00				
14	0.71	0.78	0.80		0.82	0.84	0.87	0.88	0.90	0.93	0.96	0.98	1.00			
16	0.81	0.85	0.87		0.88	0.89	0.91	0.92	0.93	0.94	0.96	0.97	0.99	1.00		
18	0.91	0.93	0.94		0.94	0.95	0.95	0.96	0.96	0.97	0.98	0.98	0.99	0.99	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.45	0.57	0.62	0.84	1.00											
4	0.25	0.42	0.49	0.63	0.78	0.90	1.00									
6	0.20	0.38	0.45	0.53	0.66	0.77	0.85	0.93	1.00							
8	0.20	0.38	0.45	0.48	0.60	0.69	0.77	0.83	0.89	1.00						
10	0.22	0.39	0.47	0.47	0.57	0.65	0.71	0.77	0.83	0.92	1.00					
12	0.25	0.42	0.49		0.56	0.63	0.68	0.74	0.78	0.86	0.94	1.00				
14	0.29	0.45	0.52		0.56	0.62	0.67	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.35	0.50	0.56		0.58	0.63	0.68	0.72	0.75	0.81	0.87	0.91	0.96	1.00		
18	0.39	0.53	0.58		0.59	0.64	0.68	0.71	0.74	0.80	0.85	0.89	0.93	0.97	1.00	
20	0.45	0.57	0.63		0.63	0.67	0.70	0.73	0.75	0.80	0.84	0.88	0.91	0.94	0.97	1.00
24	0.59	0.68	0.72			0.74	0.76	0.78	0.80	0.83	0.86	0.88	0.91	0.93	0.95	0.97

Table 10 - P Factor Contouring EI = 90

Cover Condition 6 **Soil Hydrologic Group C**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.80	0.84	0.86	0.94	1.00											
4	0.77	0.82	0.84	0.89	0.93	0.97	1.00									
6	0.79	0.84	0.86	0.88	0.91	0.94	0.96	0.98	1.00							
8	0.84	0.88	0.89	0.90	0.92	0.94	0.95	0.97	0.98	1.00						
10	0.91	0.93	0.94	0.94	0.95	0.96	0.97	0.97	0.98	0.99	1.00					
12	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.56	0.66	0.70	0.87	1.00											
4	0.43	0.56	0.61	0.72	0.83	0.92	1.00									
6	0.41	0.54	0.60	0.65	0.75	0.83	0.89	0.95	1.00							
8	0.42	0.55	0.60	0.63	0.71	0.78	0.83	0.88	0.92	1.00						
10	0.47	0.59	0.64	0.64	0.71	0.76	0.81	0.85	0.88	0.94	1.00					
12	0.53	0.64	0.68		0.72	0.77	0.80	0.83	0.86	0.91	0.96	1.00				
14	0.61	0.70	0.73		0.76	0.79	0.82	0.84	0.87	0.91	0.94	0.97	1.00			
16	0.70	0.77	0.80		0.81	0.83	0.85	0.87	0.88	0.91	0.94	0.96	0.98	1.00		
18	0.79	0.84	0.86		0.86	0.88	0.89	0.90	0.91	0.93	0.95	0.96	0.98	0.99	1.00	
20	0.90	0.92	0.93		0.93	0.94	0.95	0.95	0.96	0.96	0.97	0.98	0.98	0.99	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.67	0.74	0.77	0.90	1.00											
4	0.60	0.69	0.73	0.80	0.88	0.95	1.00									
6	0.59	0.68	0.72	0.76	0.83	0.88	0.92	0.96	1.00							
8	0.63	0.71	0.75	0.76	0.82	0.86	0.89	0.92	0.95	1.00						
10	0.69	0.76	0.79	0.79	0.83	0.86	0.89	0.91	0.93	0.97	1.00					
12	0.77	0.82	0.84		0.86	0.89	0.90	0.92	0.93	0.96	0.98	1.00				
14	0.87	0.90	0.91		0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00			
16	0.98	0.98	0.99		0.99	0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.48	0.60	0.64	0.85	1.00											
4	0.29	0.45	0.51	0.65	0.79	0.90	1.00									
6	0.25	0.42	0.49	0.56	0.68	0.78	0.86	0.93	1.00							
8	0.25	0.42	0.49	0.52	0.63	0.71	0.78	0.84	0.90	1.00						
10	0.27	0.43	0.50	0.50	0.60	0.67	0.73	0.79	0.84	0.92	1.00					
12	0.32	0.47	0.54		0.60	0.66	0.71	0.76	0.80	0.88	0.94	1.00				
14	0.37	0.51	0.57		0.61	0.66	0.71	0.75	0.78	0.85	0.90	0.95	1.00			
16	0.44	0.57	0.62		0.64	0.68	0.72	0.75	0.78	0.84	0.88	0.93	0.96	1.00		
18	0.52	0.63	0.67		0.68	0.72	0.75	0.77	0.80	0.84	0.88	0.91	0.94	0.97	1.00	
20	0.60	0.69	0.73		0.73	0.76	0.78	0.80	0.82	0.86	0.88	0.91	0.94	0.96	0.98	1.00
24	0.78	0.83	0.85			0.86	0.87	0.88	0.89	0.91	0.92	0.94	0.95	0.96	0.97	0.98

Table 10 - P Factor Contouring EI = 90

Cover Condition 6 **Soil Hydrologic Group D**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.86	0.89	0.90	0.96	1.00											
4	0.84	0.88	0.89	0.92	0.95	0.98	1.00									
6	0.85	0.88	0.90	0.91	0.94	0.96	0.97	0.99	1.00							
8	0.90	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00						
10	0.96	0.97	0.97	0.97	0.98	0.98	0.99	0.99	0.99	1.00	1.00					
12	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.59	0.68	0.72	0.88	1.00											
4	0.46	0.58	0.63	0.73	0.84	0.93	1.00									
6	0.45	0.57	0.62	0.67	0.77	0.84	0.90	0.95	1.00							
8	0.46	0.58	0.63	0.65	0.73	0.79	0.84	0.89	0.93	1.00						
10	0.51	0.62	0.67	0.67	0.73	0.78	0.82	0.86	0.89	0.95	1.00					
12	0.58	0.67	0.71		0.75	0.79	0.82	0.85	0.88	0.92	0.96	1.00				
14	0.66	0.74	0.77		0.79	0.82	0.84	0.86	0.88	0.92	0.95	0.98	1.00			
16	0.76	0.81	0.84		0.85	0.86	0.88	0.89	0.91	0.93	0.95	0.97	0.98	1.00		
18	0.87	0.90	0.91		0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	0.99	1.00	
20	0.99	0.99	0.99		0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.71	0.77	0.80	0.92	1.00											
4	0.65	0.73	0.76	0.83	0.90	0.95	1.00									
6	0.64	0.72	0.75	0.79	0.85	0.89	0.93	0.97	1.00							
8	0.68	0.75	0.78	0.79	0.84	0.88	0.91	0.93	0.96	1.00						
10	0.75	0.81	0.83	0.83	0.86	0.89	0.91	0.93	0.94	0.97	1.00					
12	0.84	0.88	0.89		0.91	0.92	0.93	0.94	0.95	0.97	0.99	1.00				
14	0.94	0.95	0.96		0.96	0.97	0.97	0.98	0.98	0.99	0.99	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.31	0.46	0.53	0.66	0.80	0.91	1.00									
6	0.27	0.43	0.50	0.57	0.69	0.79	0.87	0.94	1.00							
8	0.27	0.43	0.50	0.53	0.64	0.72	0.79	0.85	0.90	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.35	0.50	0.56		0.62	0.68	0.73	0.77	0.81	0.88	0.94	1.00				
14	0.41	0.54	0.60		0.63	0.68	0.73	0.76	0.80	0.86	0.91	0.96	1.00			
16	0.49	0.60	0.65		0.67	0.71	0.75	0.78	0.80	0.85	0.89	0.93	0.97	1.00		
18	0.57	0.67	0.71		0.71	0.75	0.77	0.80	0.82	0.86	0.89	0.92	0.95	0.98	1.00	
20	0.67	0.74	0.78		0.78	0.80	0.82	0.84	0.85	0.88	0.91	0.93	0.95	0.97	0.98	1.00
24	0.88	0.91	0.92		0.92	0.92	0.93	0.94	0.94	0.95	0.96	0.97	0.97	0.98	0.98	0.99

Table 10 - P Factor Contouring EI = 100

Cover Condition 3 **Soil Hydrologic Group A**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.51	0.62	0.67		0.67	0.71	0.74	0.77	0.79	0.84	0.88	0.91	0.94	0.97	1.00	
20	0.57	0.67	0.71		0.71	0.74	0.76	0.79	0.81	0.84	0.88	0.91	0.93	0.96	0.98	1.00
24	0.70	0.77	0.80			0.81	0.82	0.84	0.85	0.88	0.90	0.91	0.93	0.95	0.96	0.98

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.36	0.50	0.56	0.81	1.00											
4	0.16	0.35	0.43	0.58	0.75	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.15	0.34	0.42	0.42	0.53	0.62	0.69	0.75	0.81	0.91	1.00					
12	0.16	0.35	0.43		0.50	0.58	0.65	0.70	0.76	0.85	0.93	1.00				
14	0.18	0.36	0.44		0.49	0.56	0.62	0.67	0.72	0.80	0.87	0.94	1.00			
16	0.20	0.38	0.45		0.48	0.55	0.60	0.65	0.69	0.77	0.83	0.89	0.95	1.00		
18	0.22	0.40	0.47		0.48	0.54	0.59	0.63	0.67	0.74	0.80	0.86	0.91	0.96	1.00	
20	0.25	0.42	0.49		0.49	0.54	0.59	0.63	0.66	0.73	0.78	0.83	0.88	0.92	0.96	1.00
24	0.30	0.46	0.52			0.55	0.59	0.62	0.65	0.71	0.76	0.80	0.84	0.88	0.91	0.94

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.35	0.50	0.56	0.81	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.31	0.47	0.53		0.56	0.61	0.66	0.70	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.34	0.49	0.55		0.56	0.61	0.65	0.69	0.72	0.78	0.83	0.88	0.92	0.96	1.00	
20	0.38	0.52	0.58		0.58	0.62	0.66	0.69	0.72	0.78	0.82	0.86	0.90	0.94	0.97	1.00
24	0.46	0.58	0.63			0.65	0.68	0.71	0.73	0.78	0.81	0.85	0.88	0.90	0.93	0.96

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.37	0.51	0.57	0.82	1.00											
4	0.14	0.33	0.41	0.57	0.75	0.88	1.00									
6	0.08	0.29	0.37	0.46	0.61	0.73	0.83	0.92	1.00							
8	0.08	0.29	0.37	0.41	0.54	0.64	0.73	0.81	0.88	1.00						
10	0.09	0.29	0.38	0.38	0.50	0.59	0.67	0.73	0.80	0.90	1.00					
12	0.09	0.29	0.38		0.46	0.55	0.62	0.68	0.74	0.83	0.92	1.00				
14	0.11	0.31	0.39		0.45	0.52	0.59	0.64	0.69	0.78	0.86	0.94	1.00			
16	0.12	0.32	0.40		0.43	0.50	0.56	0.61	0.66	0.75	0.82	0.88	0.94	1.00		
18	0.14	0.34	0.41		0.43	0.49	0.55	0.60	0.64	0.72	0.78	0.85	0.90	0.95	1.00	
20	0.15	0.34	0.42		0.42	0.48	0.53	0.58	0.62	0.69	0.76	0.81	0.86	0.91	0.96	1.00
24	0.19	0.37	0.45			0.48	0.53	0.56	0.60	0.66	0.72	0.77	0.81	0.86	0.90	0.93

Table 10 - P Factor Contouring EI = 100

Cover Condition 3 **Soil Hydrologic Group B**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.57	0.67	0.71	0.88	1.00											
4	0.51	0.62	0.67	0.76	0.86	0.93	1.00									
6	0.52	0.63	0.67	0.72	0.80	0.86	0.91	0.96	1.00							
8	0.57	0.67	0.71	0.72	0.79	0.83	0.88	0.91	0.94	1.00						
10	0.64	0.72	0.76	0.76	0.80	0.84	0.87	0.90	0.92	0.96	1.00					
12	0.73	0.79	0.81		0.84	0.86	0.89	0.90	0.92	0.95	0.98	1.00				
14	0.83	0.86	0.88		0.89	0.91	0.92	0.93	0.94	0.96	0.97	0.99	1.00			
16	0.93	0.95	0.95		0.96	0.96	0.97	0.97	0.97	0.98	0.99	0.99	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.46	0.58	0.63	0.84	1.00											
4	0.30	0.45	0.52	0.65	0.79	0.91	1.00									
6	0.27	0.43	0.50	0.57	0.69	0.79	0.87	0.94	1.00							
8	0.28	0.44	0.51	0.53	0.64	0.72	0.79	0.85	0.90	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.34	0.49	0.55		0.61	0.67	0.72	0.77	0.81	0.88	0.94	1.00				
14	0.39	0.53	0.58		0.62	0.67	0.72	0.76	0.79	0.85	0.91	0.96	1.00			
16	0.44	0.57	0.62		0.64	0.68	0.72	0.75	0.78	0.84	0.88	0.93	0.96	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.56	0.66	0.70		0.70	0.73	0.76	0.78	0.80	0.84	0.87	0.90	0.93	0.95	0.98	1.00
24	0.70	0.77	0.80			0.81	0.82	0.84	0.85	0.88	0.90	0.91	0.93	0.95	0.96	0.98

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.51	0.62	0.67	0.86	1.00											
4	0.40	0.53	0.59	0.70	0.82	0.92	1.00									
6	0.39	0.53	0.58	0.64	0.74	0.82	0.89	0.95	1.00							
8	0.42	0.55	0.60	0.62	0.71	0.77	0.83	0.88	0.92	1.00						
10	0.46	0.58	0.63	0.63	0.70	0.76	0.80	0.84	0.88	0.94	1.00					
12	0.52	0.63	0.67		0.71	0.76	0.80	0.83	0.86	0.91	0.96	1.00				
14	0.58	0.67	0.71		0.74	0.78	0.81	0.83	0.86	0.90	0.94	0.97	1.00			
16	0.66	0.74	0.77		0.78	0.81	0.83	0.85	0.87	0.90	0.93	0.96	0.98	1.00		
18	0.74	0.80	0.82		0.83	0.85	0.86	0.88	0.89	0.91	0.93	0.95	0.97	0.99	1.00	
20	0.83	0.87	0.88		0.88	0.90	0.91	0.92	0.92	0.94	0.95	0.96	0.97	0.98	0.99	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.43	0.55	0.61	0.83	1.00											
4	0.21	0.39	0.46	0.61	0.77	0.89	1.00									
6	0.17	0.35	0.43	0.51	0.65	0.76	0.85	0.93	1.00							
8	0.16	0.35	0.43	0.46	0.58	0.68	0.76	0.83	0.89	1.00						
10	0.18	0.36	0.44	0.44	0.55	0.63	0.70	0.76	0.82	0.91	1.00					
12	0.20	0.38	0.45		0.53	0.60	0.66	0.72	0.77	0.85	0.93	1.00				
14	0.23	0.40	0.47		0.52	0.59	0.64	0.69	0.74	0.81	0.88	0.94	1.00			
16	0.27	0.43	0.50		0.53	0.59	0.64	0.68	0.72	0.79	0.85	0.90	0.95	1.00		
18	0.31	0.47	0.53		0.54	0.59	0.64	0.68	0.71	0.77	0.83	0.88	0.92	0.96	1.00	
20	0.36	0.50	0.56		0.56	0.61	0.65	0.68	0.71	0.77	0.82	0.86	0.90	0.93	0.97	1.00
24	0.46	0.58	0.63			0.65	0.68	0.71	0.73	0.78	0.81	0.85	0.88	0.90	0.93	0.96

Table 10 - P Factor Contouring EI = 100

Cover Condition 3 **Soil Hydrologic Group C**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.75	0.81	0.83	0.93	1.00											
4	0.72	0.78	0.81	0.86	0.92	0.96	1.00									
6	0.73	0.79	0.82	0.84	0.89	0.92	0.95	0.98	1.00							
8	0.78	0.83	0.85	0.86	0.89	0.91	0.94	0.95	0.97	1.00						
10	0.86	0.89	0.90	0.90	0.92	0.94	0.95	0.96	0.97	0.99	1.00					
12	0.96	0.97	0.97		0.98	0.98	0.98	0.99	0.99	0.99	1.00	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.54	0.64	0.69	0.87	1.00											
4	0.40	0.53	0.59	0.70	0.82	0.92	1.00									
6	0.38	0.52	0.58	0.63	0.74	0.82	0.89	0.95	1.00							
8	0.39	0.53	0.58	0.61	0.70	0.76	0.82	0.87	0.92	1.00						
10	0.43	0.56	0.61	0.61	0.69	0.74	0.79	0.83	0.87	0.94	1.00					
12	0.49	0.60	0.65		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.56	0.66	0.70		0.73	0.76	0.80	0.82	0.85	0.89	0.93	0.97	1.00			
16	0.64	0.72	0.75		0.77	0.80	0.82	0.84	0.86	0.90	0.93	0.95	0.98	1.00		
18	0.73	0.79	0.82		0.82	0.84	0.86	0.87	0.89	0.91	0.93	0.95	0.97	0.98	1.00	
20	0.82	0.86	0.88		0.88	0.89	0.90	0.91	0.92	0.93	0.95	0.96	0.97	0.98	0.99	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.64	0.72	0.75	0.89	1.00											
4	0.55	0.65	0.69	0.78	0.87	0.94	1.00									
6	0.55	0.65	0.69	0.73	0.81	0.87	0.92	0.96	1.00							
8	0.58	0.67	0.71	0.73	0.79	0.84	0.88	0.91	0.94	1.00						
10	0.64	0.72	0.75	0.75	0.80	0.84	0.87	0.90	0.92	0.96	1.00					
12	0.72	0.78	0.81		0.83	0.86	0.88	0.90	0.92	0.95	0.98	1.00				
14	0.81	0.85	0.87		0.88	0.90	0.91	0.92	0.93	0.95	0.97	0.99	1.00			
16	0.92	0.94	0.95		0.95	0.95	0.96	0.96	0.97	0.98	0.98	0.99	0.99	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.47	0.59	0.64	0.84	1.00											
4	0.28	0.44	0.51	0.64	0.79	0.90	1.00									
6	0.23	0.40	0.47	0.54	0.67	0.77	0.86	0.93	1.00							
8	0.23	0.40	0.47	0.50	0.62	0.70	0.78	0.84	0.90	1.00						
10	0.25	0.42	0.49	0.49	0.59	0.66	0.73	0.78	0.83	0.92	1.00					
12	0.29	0.45	0.52		0.58	0.65	0.70	0.75	0.79	0.87	0.94	1.00				
14	0.34	0.49	0.55		0.59	0.65	0.69	0.74	0.77	0.84	0.90	0.95	1.00			
16	0.40	0.54	0.59		0.61	0.66	0.70	0.74	0.77	0.83	0.88	0.92	0.96	1.00		
18	0.47	0.59	0.64		0.65	0.69	0.72	0.75	0.78	0.83	0.87	0.90	0.94	0.97	1.00	
20	0.54	0.64	0.69		0.69	0.72	0.75	0.77	0.79	0.83	0.87	0.90	0.93	0.95	0.98	1.00
24	0.70	0.77	0.80			0.81	0.82	0.84	0.85	0.88	0.90	0.91	0.93	0.95	0.96	0.98

Table 10 - P Factor Contouring EI = 100

Cover Condition 3 **Soil Hydrologic Group D**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.85	0.88	0.90	0.96	1.00											
4	0.83	0.87	0.88	0.92	0.95	0.98	1.00									
6	0.84	0.88	0.89	0.91	0.93	0.95	0.97	0.99	1.00							
8	0.88	0.91	0.92	0.92	0.94	0.95	0.96	0.97	0.98	1.00						
10	0.95	0.96	0.97	0.97	0.97	0.98	0.98	0.99	0.99	0.99	1.00					
12	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.58	0.67	0.71	0.88	1.00											
4	0.46	0.58	0.63	0.73	0.84	0.93	1.00									
6	0.44	0.57	0.62	0.67	0.76	0.84	0.90	0.95	1.00							
8	0.45	0.57	0.62	0.64	0.73	0.79	0.84	0.89	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.57	0.67	0.71		0.75	0.79	0.82	0.85	0.87	0.92	0.96	1.00				
14	0.65	0.73	0.76		0.78	0.81	0.84	0.86	0.88	0.92	0.95	0.97	1.00			
16	0.75	0.81	0.83		0.84	0.86	0.88	0.89	0.90	0.93	0.95	0.97	0.98	1.00		
18	0.86	0.89	0.90		0.91	0.92	0.93	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00	
20	0.97	0.98	0.98		0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.70	0.77	0.79	0.91	1.00											
4	0.64	0.72	0.75	0.82	0.89	0.95	1.00									
6	0.63	0.71	0.75	0.78	0.84	0.89	0.93	0.97	1.00							
8	0.67	0.74	0.77	0.79	0.84	0.87	0.90	0.93	0.96	1.00						
10	0.74	0.80	0.82	0.82	0.86	0.88	0.90	0.92	0.94	0.97	1.00					
12	0.82	0.86	0.88		0.89	0.91	0.92	0.94	0.95	0.97	0.98	1.00				
14	0.92	0.94	0.95		0.95	0.96	0.96	0.97	0.97	0.98	0.99	0.99	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.31	0.46	0.53	0.66	0.80	0.91	1.00									
6	0.27	0.43	0.50	0.57	0.69	0.79	0.87	0.94	1.00							
8	0.26	0.43	0.49	0.52	0.63	0.71	0.78	0.85	0.90	1.00						
10	0.29	0.45	0.52	0.52	0.61	0.68	0.74	0.79	0.84	0.93	1.00					
12	0.34	0.49	0.55		0.61	0.67	0.72	0.77	0.81	0.88	0.94	1.00				
14	0.40	0.53	0.59		0.63	0.68	0.72	0.76	0.79	0.86	0.91	0.96	1.00			
16	0.48	0.60	0.65		0.66	0.71	0.74	0.77	0.80	0.85	0.89	0.93	0.97	1.00		
18	0.56	0.66	0.70		0.71	0.74	0.77	0.79	0.82	0.86	0.89	0.92	0.95	0.98	1.00	
20	0.65	0.73	0.76		0.76	0.79	0.81	0.83	0.84	0.87	0.90	0.92	0.94	0.96	0.98	1.00
24	0.85	0.88	0.90			0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.97	0.98	0.99

Table 10 - P Factor Contouring EI = 100

Cover Condition 4 **Soil Hydrologic Group A**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.50	0.61	0.66		0.70	0.75	0.79	0.82	0.85	0.91	0.96	1.00				
14	0.50	0.61	0.66		0.69	0.73	0.77	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.54	0.64	0.69		0.69	0.73	0.76	0.78	0.81	0.85	0.88	0.92	0.95	0.97	1.00	
20	0.61	0.70	0.73		0.73	0.76	0.79	0.81	0.83	0.86	0.89	0.91	0.94	0.96	0.98	1.00
24	0.75	0.81	0.83			0.84	0.85	0.87	0.88	0.90	0.91	0.93	0.94	0.96	0.97	0.98

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.36	0.50	0.56	0.81	1.00											
4	0.17	0.36	0.43	0.59	0.76	0.89	1.00									
6	0.15	0.34	0.42	0.50	0.64	0.75	0.84	0.93	1.00							
8	0.15	0.34	0.42	0.45	0.58	0.67	0.75	0.82	0.89	1.00						
10	0.16	0.35	0.43	0.43	0.54	0.62	0.69	0.76	0.81	0.91	1.00					
12	0.17	0.36	0.43		0.51	0.59	0.65	0.71	0.76	0.85	0.93	1.00				
14	0.19	0.37	0.45		0.50	0.57	0.62	0.68	0.72	0.80	0.88	0.94	1.00			
16	0.21	0.39	0.46		0.49	0.55	0.61	0.65	0.70	0.77	0.84	0.90	0.95	1.00		
18	0.24	0.41	0.48		0.50	0.55	0.60	0.64	0.68	0.75	0.81	0.86	0.91	0.96	1.00	
20	0.27	0.43	0.50		0.50	0.56	0.60	0.64	0.67	0.74	0.79	0.84	0.88	0.93	0.96	1.00
24	0.33	0.48	0.54			0.57	0.61	0.64	0.67	0.72	0.77	0.81	0.85	0.88	0.91	0.94

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.36	0.50	0.56	0.81	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.30	0.46	0.52		0.59	0.65	0.71	0.75	0.80	0.87	0.94	1.00				
14	0.30	0.46	0.52		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.33	0.48	0.54		0.57	0.62	0.67	0.71	0.74	0.81	0.86	0.91	0.96	1.00		
18	0.37	0.51	0.57		0.58	0.63	0.67	0.70	0.74	0.79	0.84	0.89	0.93	0.96	1.00	
20	0.41	0.54	0.60		0.60	0.64	0.68	0.71	0.74	0.79	0.83	0.87	0.91	0.94	0.97	1.00
24	0.50	0.61	0.66			0.68	0.71	0.73	0.75	0.79	0.83	0.86	0.89	0.91	0.94	0.96

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.37	0.51	0.57	0.82	1.00											
4	0.14	0.33	0.41	0.57	0.75	0.88	1.00									
6	0.09	0.29	0.38	0.46	0.62	0.73	0.83	0.92	1.00							
8	0.09	0.29	0.38	0.41	0.55	0.65	0.73	0.81	0.88	1.00						
10	0.09	0.29	0.38	0.38	0.50	0.59	0.67	0.73	0.80	0.90	1.00					
12	0.10	0.30	0.39		0.47	0.55	0.62	0.68	0.74	0.84	0.92	1.00				
14	0.11	0.31	0.39		0.45	0.52	0.59	0.64	0.69	0.78	0.86	0.94	1.00			
16	0.13	0.33	0.41		0.44	0.51	0.57	0.62	0.67	0.75	0.82	0.89	0.95	1.00		
18	0.15	0.34	0.42		0.44	0.50	0.55	0.60	0.64	0.72	0.79	0.85	0.90	0.95	1.00	
20	0.16	0.35	0.43		0.43	0.49	0.54	0.58	0.62	0.70	0.76	0.81	0.87	0.91	0.96	1.00
24	0.20	0.38	0.46			0.49	0.53	0.57	0.61	0.67	0.72	0.77	0.82	0.86	0.90	0.93

Table 10 - P Factor Contouring EI = 100

Cover Condition 4 **Soil Hydrologic Group B**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.63	0.71	0.75	0.89	1.00											
4	0.57	0.67	0.71	0.79	0.87	0.94	1.00									
6	0.58	0.67	0.71	0.75	0.82	0.88	0.92	0.96	1.00							
8	0.64	0.72	0.75	0.77	0.82	0.86	0.89	0.92	0.95	1.00						
10	0.71	0.78	0.80	0.80	0.84	0.87	0.89	0.92	0.93	0.97	1.00					
12	0.80	0.84	0.86		0.88	0.90	0.92	0.93	0.94	0.96	0.98	1.00				
14	0.91	0.93	0.94		0.94	0.95	0.96	0.96	0.97	0.98	0.99	0.99	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.48	0.60	0.64	0.85	1.00											
4	0.33	0.48	0.54	0.67	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.31	0.46	0.53	0.55	0.66	0.73	0.80	0.86	0.91	1.00						
10	0.34	0.49	0.55	0.55	0.64	0.70	0.76	0.81	0.85	0.93	1.00					
12	0.38	0.52	0.58		0.63	0.69	0.74	0.78	0.82	0.89	0.95	1.00				
14	0.44	0.57	0.62		0.65	0.70	0.74	0.78	0.81	0.86	0.91	0.96	1.00			
16	0.50	0.61	0.66		0.68	0.72	0.75	0.78	0.81	0.86	0.90	0.93	0.97	1.00		
18	0.56	0.66	0.70		0.71	0.74	0.77	0.79	0.82	0.86	0.89	0.92	0.95	0.98	1.00	
20	0.64	0.72	0.75		0.75	0.78	0.80	0.82	0.84	0.87	0.90	0.92	0.94	0.96	0.98	1.00
24	0.79	0.84	0.86			0.87	0.88	0.89	0.90	0.91	0.93	0.94	0.95	0.96	0.97	0.98

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.55	0.65	0.69	0.87	1.00											
4	0.44	0.57	0.62	0.72	0.84	0.93	1.00									
6	0.44	0.57	0.62	0.67	0.76	0.84	0.90	0.95	1.00							
8	0.46	0.58	0.63	0.65	0.73	0.79	0.84	0.89	0.93	1.00						
10	0.51	0.62	0.67	0.67	0.73	0.78	0.82	0.86	0.89	0.95	1.00					
12	0.58	0.67	0.71		0.75	0.79	0.82	0.85	0.88	0.92	0.96	1.00				
14	0.65	0.73	0.76		0.78	0.81	0.84	0.86	0.88	0.92	0.95	0.97	1.00			
16	0.74	0.80	0.82		0.83	0.85	0.87	0.89	0.90	0.92	0.95	0.97	0.98	1.00		
18	0.83	0.87	0.88		0.89	0.90	0.91	0.92	0.93	0.94	0.96	0.97	0.98	0.99	1.00	
20	0.93	0.95	0.95		0.95	0.96	0.96	0.97	0.97	0.97	0.98	0.98	0.99	0.99	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.44	0.57	0.62	0.84	1.00											
4	0.23	0.40	0.47	0.62	0.77	0.90	1.00									
6	0.18	0.36	0.44	0.52	0.65	0.76	0.85	0.93	1.00							
8	0.18	0.36	0.44	0.47	0.59	0.68	0.76	0.83	0.89	1.00						
10	0.20	0.38	0.45	0.45	0.56	0.64	0.71	0.77	0.82	0.92	1.00					
12	0.23	0.40	0.47		0.55	0.62	0.68	0.73	0.78	0.86	0.93	1.00				
14	0.26	0.43	0.50		0.54	0.60	0.66	0.70	0.75	0.82	0.89	0.95	1.00			
16	0.31	0.47	0.53		0.56	0.61	0.66	0.70	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.35	0.50	0.56		0.57	0.62	0.66	0.70	0.73	0.79	0.84	0.88	0.93	0.96	1.00	
20	0.41	0.54	0.60		0.60	0.64	0.68	0.71	0.74	0.79	0.83	0.87	0.91	0.94	0.97	1.00
24	0.52	0.63	0.67			0.69	0.72	0.74	0.76	0.80	0.83	0.86	0.89	0.91	0.94	0.96

Table 10 - P Factor Contouring EI = 100

Cover Condition 4 **Soil Hydrologic Group C**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.79	0.84	0.86	0.94	1.00											
4	0.76	0.81	0.84	0.88	0.93	0.97	1.00									
6	0.77	0.82	0.84	0.86	0.90	0.93	0.96	0.98	1.00							
8	0.83	0.87	0.88	0.89	0.92	0.93	0.95	0.96	0.98	1.00						
10	0.90	0.92	0.93	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00					
12	0.99	0.99	0.99		0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.56	0.66	0.70	0.87	1.00											
4	0.42	0.55	0.60	0.71	0.83	0.92	1.00									
6	0.40	0.53	0.59	0.65	0.75	0.82	0.89	0.95	1.00							
8	0.41	0.54	0.60	0.62	0.71	0.77	0.83	0.88	0.92	1.00						
10	0.46	0.58	0.63	0.63	0.70	0.76	0.80	0.84	0.88	0.94	1.00					
12	0.52	0.63	0.67		0.72	0.76	0.80	0.83	0.86	0.91	0.96	1.00				
14	0.60	0.69	0.73		0.75	0.79	0.81	0.84	0.86	0.90	0.94	0.97	1.00			
16	0.68	0.75	0.78		0.79	0.82	0.84	0.86	0.88	0.91	0.93	0.96	0.98	1.00		
18	0.78	0.83	0.85		0.85	0.87	0.88	0.90	0.91	0.93	0.94	0.96	0.97	0.99	1.00	
20	0.88	0.91	0.92		0.92	0.93	0.93	0.94	0.95	0.96	0.97	0.97	0.98	0.99	0.99	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.66	0.74	0.77	0.90	1.00											
4	0.59	0.68	0.72	0.80	0.88	0.95	1.00									
6	0.58	0.67	0.71	0.75	0.82	0.88	0.92	0.96	1.00							
8	0.62	0.71	0.74	0.75	0.81	0.85	0.89	0.92	0.95	1.00						
10	0.68	0.75	0.78	0.78	0.82	0.86	0.88	0.91	0.93	0.97	1.00					
12	0.76	0.81	0.84		0.86	0.88	0.90	0.92	0.93	0.96	0.98	1.00				
14	0.86	0.89	0.90		0.91	0.93	0.94	0.94	0.95	0.97	0.98	0.99	1.00			
16	0.97	0.98	0.98		0.98	0.98	0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.48	0.60	0.64	0.85	1.00											
4	0.29	0.45	0.51	0.65	0.79	0.90	1.00									
6	0.24	0.41	0.48	0.55	0.68	0.78	0.86	0.93	1.00							
8	0.24	0.41	0.48	0.51	0.62	0.71	0.78	0.84	0.90	1.00						
10	0.27	0.43	0.50	0.50	0.60	0.67	0.73	0.79	0.84	0.92	1.00					
12	0.31	0.46	0.53		0.59	0.66	0.71	0.76	0.80	0.87	0.94	1.00				
14	0.36	0.50	0.56		0.60	0.66	0.70	0.74	0.78	0.85	0.90	0.95	1.00			
16	0.43	0.56	0.61		0.63	0.68	0.72	0.75	0.78	0.83	0.88	0.92	0.96	1.00		
18	0.50	0.61	0.66		0.67	0.71	0.74	0.77	0.79	0.84	0.87	0.91	0.94	0.97	1.00	
20	0.58	0.67	0.71		0.71	0.74	0.77	0.79	0.81	0.85	0.88	0.91	0.93	0.96	0.98	1.00
24	0.76	0.81	0.84			0.85	0.86	0.87	0.88	0.90	0.92	0.93	0.94	0.96	0.97	0.98

Table 10 - P Factor Contouring EI = 100

Cover Condition 4 **Soil Hydrologic Group D**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.87	0.90	0.91	0.96	1.00											
4	0.85	0.88	0.90	0.93	0.96	0.98	1.00									
6	0.86	0.89	0.90	0.92	0.94	0.96	0.97	0.99	1.00							
8	0.90	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00						
10	0.96	0.97	0.97	0.97	0.98	0.98	0.99	0.99	0.99	1.00	1.00					
12	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.59	0.68	0.72	0.88	1.00											
4	0.47	0.59	0.64	0.74	0.84	0.93	1.00									
6	0.45	0.57	0.62	0.67	0.77	0.84	0.90	0.95	1.00							
8	0.46	0.58	0.63	0.65	0.73	0.79	0.84	0.89	0.93	1.00						
10	0.51	0.62	0.67	0.67	0.73	0.78	0.82	0.86	0.89	0.95	1.00					
12	0.58	0.67	0.71		0.75	0.79	0.82	0.85	0.88	0.92	0.96	1.00				
14	0.67	0.74	0.77		0.80	0.82	0.85	0.87	0.89	0.92	0.95	0.98	1.00			
16	0.77	0.82	0.84		0.85	0.87	0.89	0.90	0.91	0.93	0.95	0.97	0.99	1.00		
18	0.88	0.91	0.92		0.92	0.93	0.94	0.94	0.95	0.96	0.97	0.98	0.99	0.99	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.72	0.78	0.81	0.92	1.00											
4	0.65	0.73	0.76	0.83	0.90	0.95	1.00									
6	0.65	0.73	0.76	0.79	0.85	0.90	0.94	0.97	1.00							
8	0.69	0.76	0.79	0.80	0.85	0.88	0.91	0.94	0.96	1.00						
10	0.75	0.81	0.83	0.83	0.86	0.89	0.91	0.93	0.94	0.97	1.00					
12	0.84	0.88	0.89		0.91	0.92	0.93	0.94	0.95	0.97	0.99	1.00				
14	0.94	0.95	0.96		0.96	0.97	0.97	0.98	0.98	0.99	0.99	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.32	0.47	0.54	0.66	0.80	0.91	1.00									
6	0.27	0.43	0.50	0.57	0.69	0.79	0.87	0.94	1.00							
8	0.27	0.43	0.50	0.53	0.64	0.72	0.79	0.85	0.90	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.35	0.50	0.56		0.62	0.68	0.73	0.77	0.81	0.88	0.94	1.00				
14	0.42	0.55	0.60		0.64	0.69	0.73	0.77	0.80	0.86	0.91	0.96	1.00			
16	0.49	0.60	0.65		0.67	0.71	0.75	0.78	0.80	0.85	0.89	0.93	0.97	1.00		
18	0.58	0.68	0.71		0.72	0.75	0.78	0.80	0.82	0.86	0.89	0.92	0.95	0.98	1.00	
20	0.68	0.75	0.78		0.78	0.81	0.82	0.84	0.86	0.88	0.91	0.93	0.95	0.97	0.98	1.00
24	0.89	0.91	0.93			0.93	0.94	0.94	0.95	0.95	0.96	0.97	0.97	0.98	0.99	0.99

Table 10 - P Factor Contouring EI = 100

Cover Condition 5 **Soil Hydrologic Group A**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.50	0.61	0.66	0.66	0.72	0.77	0.82	0.85	0.89	0.95	1.00					
12	0.52	0.63	0.67		0.72	0.76	0.80	0.83	0.86	0.91	0.96	1.00				
14	0.59	0.68	0.72		0.75	0.78	0.81	0.84	0.86	0.90	0.94	0.97	1.00			
16	0.67	0.74	0.78		0.79	0.81	0.84	0.86	0.87	0.90	0.93	0.96	0.98	1.00		
18	0.76	0.81	0.84		0.84	0.86	0.87	0.89	0.90	0.92	0.94	0.96	0.97	0.99	1.00	
20	0.85	0.88	0.90		0.90	0.91	0.92	0.93	0.93	0.95	0.96	0.97	0.98	0.98	0.99	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.40	0.53	0.59	0.82	1.00											
4	0.22	0.39	0.47	0.61	0.77	0.90	1.00									
6	0.19	0.37	0.45	0.52	0.66	0.76	0.85	0.93	1.00							
8	0.20	0.38	0.45	0.48	0.60	0.69	0.77	0.83	0.89	1.00						
10	0.22	0.39	0.47	0.47	0.57	0.65	0.71	0.77	0.83	0.92	1.00					
12	0.24	0.41	0.48		0.55	0.62	0.68	0.73	0.78	0.86	0.93	1.00				
14	0.27	0.43	0.50		0.55	0.61	0.66	0.71	0.75	0.82	0.89	0.95	1.00			
16	0.30	0.46	0.52		0.55	0.60	0.65	0.69	0.73	0.80	0.86	0.91	0.96	1.00		
18	0.34	0.49	0.55		0.56	0.61	0.65	0.69	0.72	0.78	0.83	0.88	0.92	0.96	1.00	
20	0.38	0.52	0.58		0.58	0.62	0.66	0.69	0.72	0.78	0.82	0.86	0.90	0.94	0.97	1.00
24	0.47	0.59	0.64			0.66	0.69	0.72	0.74	0.78	0.82	0.85	0.88	0.91	0.93	0.96

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.42	0.55	0.60	0.83	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.30	0.46	0.52	0.55	0.65	0.73	0.80	0.85	0.91	1.00						
10	0.33	0.48	0.54	0.54	0.63	0.70	0.75	0.80	0.85	0.93	1.00					
12	0.37	0.51	0.57		0.63	0.69	0.73	0.78	0.82	0.89	0.95	1.00				
14	0.41	0.54	0.60		0.63	0.68	0.73	0.76	0.80	0.86	0.91	0.96	1.00			
16	0.46	0.58	0.63		0.65	0.70	0.73	0.76	0.79	0.84	0.89	0.93	0.97	1.00		
18	0.52	0.63	0.67		0.68	0.72	0.75	0.77	0.80	0.84	0.88	0.91	0.94	0.97	1.00	
20	0.58	0.67	0.71		0.71	0.74	0.77	0.79	0.81	0.85	0.88	0.91	0.93	0.96	0.98	1.00
24	0.71	0.78	0.80			0.81	0.83	0.84	0.86	0.88	0.90	0.92	0.93	0.95	0.96	0.98

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.39	0.53	0.58	0.82	1.00											
4	0.17	0.36	0.43	0.59	0.76	0.89	1.00									
6	0.12	0.32	0.40	0.48	0.63	0.74	0.84	0.92	1.00							
8	0.12	0.32	0.40	0.43	0.56	0.66	0.74	0.82	0.88	1.00						
10	0.12	0.32	0.40	0.40	0.51	0.60	0.68	0.74	0.80	0.91	1.00					
12	0.14	0.33	0.41		0.49	0.57	0.64	0.70	0.75	0.84	0.93	1.00				
14	0.16	0.35	0.43		0.48	0.55	0.61	0.66	0.71	0.80	0.87	0.94	1.00			
16	0.18	0.36	0.44		0.47	0.54	0.59	0.64	0.68	0.76	0.83	0.89	0.95	1.00		
18	0.21	0.39	0.46		0.48	0.54	0.59	0.63	0.67	0.74	0.80	0.86	0.91	0.96	1.00	
20	0.24	0.41	0.48		0.48	0.54	0.58	0.62	0.66	0.72	0.78	0.83	0.88	0.92	0.96	1.00
24	0.30	0.46	0.52			0.55	0.59	0.62	0.65	0.71	0.76	0.80	0.84	0.88	0.91	0.94

Table 10 - P Factor Contouring EI = 100

Cover Condition 5 **Soil Hydrologic Group B**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.68	0.75	0.78	0.91	1.00											
4	0.63	0.71	0.75	0.82	0.89	0.95	1.00									
6	0.64	0.72	0.75	0.79	0.85	0.89	0.93	0.97	1.00							
8	0.70	0.77	0.80	0.81	0.85	0.88	0.91	0.94	0.96	1.00						
10	0.78	0.83	0.85	0.85	0.88	0.90	0.92	0.94	0.95	0.98	1.00					
12	0.87	0.90	0.91		0.92	0.94	0.95	0.95	0.96	0.98	0.99	1.00				
14	0.98	0.98	0.99		0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.51	0.62	0.66	0.86	1.00											
4	0.36	0.50	0.56	0.68	0.81	0.91	1.00									
6	0.33	0.48	0.54	0.60	0.72	0.80	0.88	0.94	1.00							
8	0.34	0.49	0.55	0.57	0.67	0.74	0.81	0.86	0.91	1.00						
10	0.38	0.52	0.58	0.58	0.66	0.72	0.77	0.82	0.86	0.94	1.00					
12	0.43	0.56	0.61		0.66	0.72	0.76	0.80	0.83	0.90	0.95	1.00				
14	0.49	0.60	0.65		0.68	0.73	0.76	0.80	0.83	0.88	0.92	0.96	1.00			
16	0.56	0.66	0.70		0.72	0.75	0.78	0.81	0.83	0.87	0.91	0.94	0.97	1.00		
18	0.63	0.71	0.75		0.75	0.78	0.81	0.83	0.85	0.88	0.91	0.93	0.96	0.98	1.00	
20	0.71	0.78	0.80		0.80	0.82	0.84	0.86	0.87	0.89	0.92	0.94	0.95	0.97	0.99	1.00
24	0.89	0.91	0.93			0.93	0.94	0.94	0.95	0.95	0.96	0.97	0.97	0.98	0.99	0.99

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.58	0.67	0.71	0.88	1.00											
4	0.49	0.60	0.65	0.75	0.85	0.93	1.00									
6	0.48	0.60	0.64	0.69	0.78	0.85	0.90	0.95	1.00							
8	0.51	0.62	0.67	0.68	0.76	0.81	0.86	0.90	0.93	1.00						
10	0.57	0.67	0.71	0.71	0.76	0.81	0.84	0.87	0.90	0.95	1.00					
12	0.64	0.72	0.75		0.79	0.82	0.85	0.87	0.90	0.93	0.97	1.00				
14	0.73	0.79	0.82		0.83	0.86	0.87	0.89	0.91	0.93	0.96	0.98	1.00			
16	0.82	0.86	0.88		0.88	0.90	0.91	0.92	0.93	0.95	0.96	0.98	0.99	1.00		
18	0.92	0.94	0.95		0.95	0.95	0.96	0.96	0.97	0.97	0.98	0.99	0.99	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.45	0.57	0.62	0.84	1.00											
4	0.25	0.42	0.49	0.63	0.78	0.90	1.00									
6	0.20	0.38	0.45	0.53	0.66	0.77	0.85	0.93	1.00							
8	0.20	0.38	0.45	0.48	0.60	0.69	0.77	0.83	0.89	1.00						
10	0.22	0.39	0.47	0.47	0.57	0.65	0.71	0.77	0.83	0.92	1.00					
12	0.25	0.42	0.49		0.56	0.63	0.68	0.74	0.78	0.86	0.94	1.00				
14	0.29	0.45	0.52		0.56	0.62	0.67	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.34	0.49	0.55		0.57	0.63	0.67	0.71	0.75	0.81	0.86	0.91	0.96	1.00		
18	0.40	0.54	0.59		0.60	0.65	0.68	0.72	0.75	0.80	0.85	0.89	0.93	0.97	1.00	
20	0.46	0.58	0.63		0.63	0.67	0.70	0.73	0.76	0.80	0.84	0.88	0.91	0.94	0.97	1.00
24	0.60	0.69	0.73			0.74	0.77	0.79	0.80	0.83	0.86	0.89	0.91	0.93	0.95	0.97

Table 10 - P Factor Contouring EI = 100

Cover Condition 5 **Soil Hydrologic Group C**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.83	0.87	0.88	0.95	1.00											
4	0.80	0.84	0.86	0.90	0.94	0.97	1.00									
6	0.82	0.86	0.88	0.89	0.92	0.95	0.97	0.98	1.00							
8	0.87	0.90	0.91	0.92	0.94	0.95	0.96	0.97	0.98	1.00						
10	0.94	0.95	0.96	0.96	0.97	0.97	0.98	0.98	0.99	0.99	1.00					
12	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.57	0.67	0.71	0.87	1.00											
4	0.44	0.57	0.62	0.72	0.84	0.93	1.00									
6	0.43	0.56	0.61	0.66	0.76	0.83	0.90	0.95	1.00							
8	0.44	0.57	0.62	0.64	0.72	0.78	0.84	0.88	0.93	1.00						
10	0.48	0.60	0.64	0.64	0.71	0.77	0.81	0.85	0.88	0.95	1.00					
12	0.55	0.65	0.69		0.73	0.78	0.81	0.84	0.87	0.92	0.96	1.00				
14	0.63	0.71	0.75		0.77	0.80	0.83	0.85	0.87	0.91	0.94	0.97	1.00			
16	0.73	0.79	0.82		0.83	0.85	0.87	0.88	0.90	0.92	0.94	0.96	0.98	1.00		
18	0.83	0.87	0.88		0.89	0.90	0.91	0.92	0.93	0.94	0.96	0.97	0.98	0.99	1.00	
20	0.94	0.95	0.96		0.96	0.96	0.97	0.97	0.97	0.98	0.98	0.99	0.99	0.99	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.69	0.76	0.79	0.91	1.00											
4	0.62	0.71	0.74	0.81	0.89	0.95	1.00									
6	0.61	0.70	0.73	0.77	0.84	0.89	0.93	0.97	1.00							
8	0.65	0.73	0.76	0.77	0.83	0.86	0.90	0.93	0.95	1.00						
10	0.72	0.78	0.81	0.81	0.85	0.87	0.90	0.92	0.94	0.97	1.00					
12	0.80	0.84	0.86		0.88	0.90	0.92	0.93	0.94	0.96	0.98	1.00				
14	0.90	0.92	0.93		0.94	0.95	0.95	0.96	0.97	0.98	0.98	0.99	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.49	0.60	0.65	0.85	1.00											
4	0.30	0.46	0.52	0.65	0.80	0.91	1.00									
6	0.26	0.43	0.49	0.56	0.69	0.78	0.86	0.94	1.00							
8	0.26	0.43	0.49	0.52	0.63	0.71	0.78	0.85	0.90	1.00						
10	0.28	0.44	0.51	0.51	0.60	0.68	0.74	0.79	0.84	0.92	1.00					
12	0.33	0.48	0.54		0.60	0.67	0.72	0.76	0.81	0.88	0.94	1.00				
14	0.39	0.53	0.58		0.62	0.67	0.72	0.76	0.79	0.85	0.91	0.96	1.00			
16	0.46	0.58	0.63		0.65	0.70	0.73	0.76	0.79	0.84	0.89	0.93	0.97	1.00		
18	0.54	0.64	0.69		0.69	0.73	0.76	0.78	0.81	0.85	0.88	0.92	0.95	0.97	1.00	
20	0.63	0.71	0.75		0.75	0.77	0.80	0.82	0.83	0.87	0.89	0.92	0.94	0.96	0.98	1.00
24	0.82	0.86	0.88			0.88	0.89	0.90	0.91	0.93	0.94	0.95	0.96	0.97	0.98	0.99

Table 10 - P Factor Contouring EI = 100

Cover Condition 5 **Soil Hydrologic Group D**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.91	0.93	0.94	0.97	1.00											
4	0.90	0.92	0.93	0.95	0.97	0.99	1.00									
6	0.91	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00							
8	0.94	0.95	0.96	0.96	0.97	0.98	0.98	0.99	0.99	1.00						
10	0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00					
12	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.61	0.70	0.73	0.89	1.00											
4	0.49	0.60	0.65	0.75	0.85	0.93	1.00									
6	0.48	0.60	0.64	0.69	0.78	0.85	0.90	0.95	1.00							
8	0.49	0.60	0.65	0.67	0.75	0.80	0.85	0.89	0.93	1.00						
10	0.54	0.64	0.69	0.69	0.75	0.79	0.83	0.87	0.90	0.95	1.00					
12	0.62	0.71	0.74		0.78	0.81	0.84	0.87	0.89	0.93	0.97	1.00				
14	0.71	0.78	0.80		0.82	0.84	0.87	0.88	0.90	0.93	0.96	0.98	1.00			
16	0.82	0.86	0.88		0.88	0.90	0.91	0.92	0.93	0.95	0.96	0.98	0.99	1.00		
18	0.93	0.95	0.95		0.95	0.96	0.96	0.97	0.97	0.98	0.98	0.99	0.99	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.75	0.81	0.83	0.93	1.00											
4	0.69	0.76	0.79	0.85	0.91	0.96	1.00									
6	0.69	0.76	0.79	0.82	0.87	0.91	0.94	0.97	1.00							
8	0.72	0.78	0.81	0.82	0.86	0.89	0.92	0.94	0.96	1.00						
10	0.79	0.84	0.86	0.86	0.88	0.91	0.92	0.94	0.95	0.98	1.00					
12	0.88	0.91	0.92		0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00				
14	0.98	0.98	0.99		0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.51	0.62	0.66	0.86	1.00											
4	0.33	0.48	0.54	0.67	0.80	0.91	1.00									
6	0.29	0.45	0.51	0.58	0.70	0.79	0.87	0.94	1.00							
8	0.28	0.44	0.51	0.53	0.64	0.72	0.79	0.85	0.90	1.00						
10	0.32	0.47	0.54	0.54	0.62	0.69	0.75	0.80	0.85	0.93	1.00					
12	0.37	0.51	0.57		0.63	0.69	0.73	0.78	0.82	0.89	0.95	1.00				
14	0.44	0.57	0.62		0.65	0.70	0.74	0.78	0.81	0.86	0.91	0.96	1.00			
16	0.53	0.64	0.68		0.70	0.73	0.77	0.79	0.82	0.86	0.90	0.94	0.97	1.00		
18	0.62	0.71	0.74		0.75	0.78	0.80	0.82	0.84	0.87	0.90	0.93	0.96	0.98	1.00	
20	0.73	0.79	0.82		0.82	0.84	0.85	0.87	0.88	0.90	0.92	0.94	0.96	0.97	0.99	1.00
24	0.95	0.96	0.97			0.97	0.97	0.97	0.98	0.98	0.98	0.99	0.99	0.99	0.99	1.00

Table 10 - P Factor Contouring EI = 100

Cover Condition 6 **Soil Hydrologic Group A**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.50	0.61	0.66	0.70	0.79	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.53	0.64	0.68	0.68	0.74	0.79	0.83	0.86	0.89	0.95	1.00					
12	0.60	0.69	0.73		0.76	0.80	0.83	0.86	0.88	0.93	0.97	1.00				
14	0.68	0.75	0.78		0.80	0.83	0.85	0.87	0.89	0.92	0.95	0.98	1.00			
16	0.77	0.82	0.84		0.85	0.87	0.89	0.90	0.91	0.93	0.95	0.97	0.99	1.00		
18	0.87	0.90	0.91		0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	0.99	1.00	
20	0.97	0.98	0.98		0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.42	0.55	0.60	0.83	1.00											
4	0.25	0.42	0.49	0.63	0.78	0.90	1.00									
6	0.22	0.39	0.47	0.54	0.67	0.77	0.86	0.93	1.00							
8	0.23	0.40	0.47	0.50	0.62	0.70	0.78	0.84	0.90	1.00						
10	0.25	0.42	0.49	0.49	0.59	0.66	0.73	0.78	0.83	0.92	1.00					
12	0.28	0.44	0.51		0.57	0.64	0.70	0.75	0.79	0.87	0.94	1.00				
14	0.31	0.47	0.53		0.57	0.63	0.68	0.72	0.76	0.83	0.89	0.95	1.00			
16	0.35	0.50	0.56		0.58	0.63	0.68	0.72	0.75	0.81	0.87	0.91	0.96	1.00		
18	0.40	0.54	0.59		0.60	0.65	0.68	0.72	0.75	0.80	0.85	0.89	0.93	0.97	1.00	
20	0.45	0.57	0.63		0.63	0.67	0.70	0.73	0.75	0.80	0.84	0.88	0.91	0.94	0.97	1.00
24	0.55	0.65	0.69			0.71	0.74	0.76	0.78	0.81	0.84	0.87	0.90	0.92	0.94	0.96

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.45	0.57	0.62	0.84	1.00											
4	0.33	0.48	0.54	0.67	0.80	0.91	1.00									
6	0.32	0.47	0.54	0.60	0.71	0.80	0.88	0.94	1.00							
8	0.34	0.49	0.55	0.57	0.67	0.74	0.81	0.86	0.91	1.00						
10	0.37	0.51	0.57	0.57	0.65	0.72	0.77	0.82	0.86	0.93	1.00					
12	0.42	0.55	0.60		0.66	0.71	0.76	0.80	0.83	0.89	0.95	1.00				
14	0.47	0.59	0.64		0.67	0.72	0.75	0.79	0.82	0.87	0.92	0.96	1.00			
16	0.53	0.64	0.68		0.70	0.73	0.77	0.79	0.82	0.86	0.90	0.94	0.97	1.00		
18	0.60	0.69	0.73		0.73	0.76	0.79	0.81	0.83	0.87	0.90	0.93	0.95	0.98	1.00	
20	0.67	0.74	0.78		0.78	0.80	0.82	0.84	0.85	0.88	0.91	0.93	0.95	0.97	0.98	1.00
24	0.82	0.86	0.88			0.88	0.89	0.90	0.91	0.93	0.94	0.95	0.96	0.97	0.98	0.99

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.41	0.54	0.60	0.83	1.00											
4	0.19	0.37	0.45	0.60	0.76	0.89	1.00									
6	0.14	0.33	0.41	0.49	0.64	0.75	0.84	0.93	1.00							
8	0.13	0.32	0.41	0.44	0.57	0.66	0.75	0.82	0.88	1.00						
10	0.14	0.33	0.41	0.41	0.53	0.61	0.69	0.75	0.81	0.91	1.00					
12	0.16	0.35	0.43		0.50	0.58	0.65	0.70	0.76	0.85	0.93	1.00				
14	0.19	0.37	0.45		0.50	0.57	0.62	0.68	0.72	0.80	0.88	0.94	1.00			
16	0.21	0.39	0.46		0.49	0.55	0.61	0.65	0.70	0.77	0.84	0.90	0.95	1.00		
18	0.24	0.41	0.48		0.50	0.55	0.60	0.64	0.68	0.75	0.81	0.86	0.91	0.96	1.00	
20	0.28	0.44	0.51		0.51	0.56	0.61	0.64	0.68	0.74	0.79	0.84	0.89	0.93	0.96	1.00
24	0.35	0.50	0.56			0.58	0.62	0.65	0.68	0.73	0.77	0.81	0.85	0.88	0.92	0.95

Table 10 - P Factor Contouring EI = 100

Cover Condition 6 **Soil Hydrologic Group B**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.73	0.79	0.82	0.92	1.00											
4	0.69	0.76	0.79	0.85	0.91	0.96	1.00									
6	0.71	0.77	0.80	0.83	0.88	0.92	0.95	0.97	1.00							
8	0.76	0.81	0.84	0.84	0.88	0.91	0.93	0.95	0.97	1.00						
10	0.84	0.88	0.89	0.89	0.91	0.93	0.94	0.95	0.96	0.98	1.00					
12	0.94	0.95	0.96		0.96	0.97	0.97	0.98	0.98	0.99	0.99	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.53	0.64	0.68	0.86	1.00											
4	0.39	0.53	0.58	0.70	0.82	0.92	1.00									
6	0.37	0.51	0.57	0.63	0.73	0.82	0.88	0.95	1.00							
8	0.38	0.52	0.58	0.60	0.69	0.76	0.82	0.87	0.92	1.00						
10	0.42	0.55	0.60	0.60	0.68	0.74	0.79	0.83	0.87	0.94	1.00					
12	0.47	0.59	0.64		0.69	0.74	0.78	0.81	0.85	0.90	0.95	1.00				
14	0.54	0.64	0.69		0.71	0.75	0.79	0.82	0.84	0.89	0.93	0.97	1.00			
16	0.62	0.71	0.74		0.76	0.79	0.81	0.83	0.85	0.89	0.92	0.95	0.98	1.00		
18	0.70	0.77	0.80		0.80	0.82	0.84	0.86	0.87	0.90	0.92	0.95	0.97	0.98	1.00	
20	0.80	0.85	0.86		0.86	0.88	0.89	0.90	0.91	0.93	0.94	0.96	0.97	0.98	0.99	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.62	0.70	0.74	0.89	1.00											
4	0.54	0.64	0.69	0.77	0.87	0.94	1.00									
6	0.53	0.64	0.68	0.72	0.80	0.86	0.91	0.96	1.00							
8	0.56	0.66	0.70	0.72	0.78	0.83	0.87	0.91	0.94	1.00						
10	0.62	0.71	0.74	0.74	0.79	0.83	0.86	0.89	0.91	0.96	1.00					
12	0.70	0.77	0.80		0.82	0.85	0.87	0.89	0.91	0.95	0.97	1.00				
14	0.79	0.84	0.86		0.87	0.89	0.90	0.92	0.93	0.95	0.97	0.98	1.00			
16	0.89	0.91	0.93		0.93	0.94	0.95	0.95	0.96	0.97	0.98	0.99	0.99	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.47	0.59	0.64	0.84	1.00											
4	0.27	0.43	0.50	0.64	0.79	0.90	1.00									
6	0.22	0.39	0.47	0.54	0.67	0.77	0.86	0.93	1.00							
8	0.22	0.39	0.47	0.50	0.61	0.70	0.77	0.84	0.90	1.00						
10	0.24	0.41	0.48	0.48	0.58	0.66	0.72	0.78	0.83	0.92	1.00					
12	0.28	0.44	0.51		0.57	0.64	0.70	0.75	0.79	0.87	0.94	1.00				
14	0.33	0.48	0.54		0.58	0.64	0.69	0.73	0.77	0.84	0.90	0.95	1.00			
16	0.39	0.53	0.58		0.61	0.66	0.70	0.73	0.77	0.82	0.87	0.92	0.96	1.00		
18	0.45	0.58	0.63		0.63	0.68	0.71	0.74	0.77	0.82	0.86	0.90	0.94	0.97	1.00	
20	0.52	0.63	0.67		0.67	0.71	0.74	0.76	0.79	0.83	0.86	0.89	0.92	0.95	0.98	1.00
24	0.68	0.75	0.78			0.79	0.81	0.83	0.84	0.87	0.89	0.91	0.93	0.94	0.96	0.97

Table 10 - P Factor Contouring EI = 100

Cover Condition 6 **Soil Hydrologic Group C**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.87	0.90	0.91	0.96	1.00											
4	0.85	0.88	0.90	0.93	0.96	0.98	1.00									
6	0.86	0.89	0.90	0.92	0.94	0.96	0.97	0.99	1.00							
8	0.90	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00						
10	0.96	0.97	0.97	0.97	0.98	0.98	0.99	0.99	0.99	1.00	1.00					
12	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.59	0.68	0.72	0.88	1.00											
4	0.47	0.59	0.64	0.74	0.84	0.93	1.00									
6	0.45	0.57	0.62	0.67	0.77	0.84	0.90	0.95	1.00							
8	0.46	0.58	0.63	0.65	0.73	0.79	0.84	0.89	0.93	1.00						
10	0.51	0.62	0.67	0.67	0.73	0.78	0.82	0.86	0.89	0.95	1.00					
12	0.58	0.67	0.71		0.75	0.79	0.82	0.85	0.88	0.92	0.96	1.00				
14	0.67	0.74	0.77		0.80	0.82	0.85	0.87	0.89	0.92	0.95	0.98	1.00			
16	0.77	0.82	0.84		0.85	0.87	0.89	0.90	0.91	0.93	0.95	0.97	0.99	1.00		
18	0.88	0.91	0.92		0.92	0.93	0.94	0.94	0.95	0.96	0.97	0.98	0.99	0.99	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.72	0.78	0.81	0.92	1.00											
4	0.65	0.73	0.76	0.83	0.90	0.95	1.00									
6	0.65	0.73	0.76	0.79	0.85	0.90	0.94	0.97	1.00							
8	0.69	0.76	0.79	0.80	0.85	0.88	0.91	0.94	0.96	1.00						
10	0.75	0.81	0.83	0.83	0.86	0.89	0.91	0.93	0.94	0.97	1.00					
12	0.84	0.88	0.89		0.91	0.92	0.93	0.94	0.95	0.97	0.99	1.00				
14	0.94	0.95	0.96		0.96	0.97	0.97	0.98	0.98	0.99	0.99	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.50	0.61	0.66	0.85	1.00											
4	0.32	0.47	0.54	0.66	0.80	0.91	1.00									
6	0.27	0.43	0.50	0.57	0.69	0.79	0.87	0.94	1.00							
8	0.27	0.43	0.50	0.53	0.64	0.72	0.79	0.85	0.90	1.00						
10	0.30	0.46	0.52	0.52	0.61	0.68	0.74	0.80	0.84	0.93	1.00					
12	0.35	0.50	0.56		0.62	0.68	0.73	0.77	0.81	0.88	0.94	1.00				
14	0.42	0.55	0.60		0.64	0.69	0.73	0.77	0.80	0.86	0.91	0.96	1.00			
16	0.49	0.60	0.65		0.67	0.71	0.75	0.78	0.80	0.85	0.89	0.93	0.97	1.00		
18	0.58	0.68	0.71		0.72	0.75	0.78	0.80	0.82	0.86	0.89	0.92	0.95	0.98	1.00	
20	0.68	0.75	0.78		0.78	0.81	0.82	0.84	0.86	0.88	0.91	0.93	0.95	0.97	0.98	1.00
24	0.89	0.91	0.93			0.93	0.94	0.94	0.95	0.95	0.96	0.97	0.97	0.98	0.99	0.99

Table 10 - P Factor Contouring EI = 100

Cover Condition 6 **Soil Hydrologic Group D**

Very Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.93	0.95	0.95	0.98	1.00											
4	0.92	0.94	0.95	0.96	0.98	0.99	1.00									
6	0.93	0.95	0.95	0.96	0.97	0.98	0.99	0.99	1.00							
8	0.96	0.97	0.97	0.97	0.98	0.98	0.99	0.99	0.99	1.00						
10	0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00					
12	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Moderate Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.62	0.70	0.74	0.89	1.00											
4	0.50	0.61	0.66	0.75	0.85	0.93	1.00									
6	0.49	0.60	0.65	0.70	0.78	0.85	0.91	0.96	1.00							
8	0.50	0.61	0.66	0.68	0.75	0.81	0.85	0.90	0.93	1.00						
10	0.56	0.66	0.70	0.70	0.76	0.80	0.84	0.87	0.90	0.95	1.00					
12	0.63	0.71	0.75		0.78	0.82	0.84	0.87	0.89	0.93	0.97	1.00				
14	0.73	0.79	0.82		0.83	0.86	0.87	0.89	0.91	0.93	0.96	0.98	1.00			
16	0.84	0.88	0.89		0.90	0.91	0.92	0.93	0.94	0.95	0.97	0.98	0.99	1.00		
18	0.96	0.97	0.97		0.97	0.98	0.98	0.98	0.98	0.99	0.99	0.99	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Low Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.76	0.81	0.84	0.93	1.00											
4	0.71	0.77	0.80	0.86	0.92	0.96	1.00									
6	0.70	0.77	0.79	0.82	0.87	0.91	0.95	0.97	1.00							
8	0.74	0.80	0.82	0.83	0.87	0.90	0.92	0.95	0.97	1.00						
10	0.81	0.85	0.87	0.87	0.90	0.91	0.93	0.94	0.96	0.98	1.00					
12	0.90	0.92	0.93		0.94	0.95	0.96	0.96	0.97	0.98	0.99	1.00				
14	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
16	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
18	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
20	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

High Ridge Heights

	Contour Condition			Percent Row Grade												
% Slope	A	B	C	1	2	3	4	5	6	8	10	12	14	16	18	20
2	0.52	0.63	0.67	0.86	1.00											
4	0.34	0.49	0.55	0.67	0.81	0.91	1.00									
6	0.30	0.46	0.52	0.59	0.70	0.80	0.87	0.94	1.00							
8	0.29	0.45	0.51	0.54	0.65	0.73	0.79	0.85	0.91	1.00						
10	0.32	0.47	0.54	0.54	0.62	0.69	0.75	0.80	0.85	0.93	1.00					
12	0.38	0.52	0.58		0.63	0.69	0.74	0.78	0.82	0.89	0.95	1.00				
14	0.46	0.58	0.63		0.67	0.71	0.75	0.78	0.81	0.87	0.92	0.96	1.00			
16	0.55	0.65	0.69		0.71	0.75	0.78	0.80	0.83	0.87	0.91	0.94	0.97	1.00		
18	0.64	0.72	0.75		0.76	0.79	0.81	0.83	0.85	0.88	0.91	0.94	0.96	0.98	1.00	
20	0.75	0.81	0.83		0.83	0.85	0.86	0.88	0.89	0.91	0.93	0.94	0.96	0.97	0.99	1.00
24	0.99	0.99	0.99		0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 11 - Stripcropping P Subfactors

Balanced Rotation
Contour Stripcropping – Ps Subfactor EI = 50

Hydrologic Soil Group	**Cover Management Codes**											
	Code 6 next to 1			Code 5 next to 1			Code 4 next to 1			Code 3 next to 1		
	Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"		
	2	3	4	2	3	4	2	3	4	2	3	4
A	0.51	0.34	0.25	0.51	0.34	0.25	0.50	0.34	0.25	0.50	0.36	0.27
B	0.60	0.44	0.33	0.59	0.46	0.37	0.63	0.52	0.44	0.87	0.79	0.71
C	0.68	0.49	0.38	0.69	0.52	0.43	0.75	0.61	0.53	0.98	0.97	0.97
D	0.70	0.53	0.41	0.73	0.57	0.47	0.79	0.68	0.60	1.00	1.00	1.00

Use "Balanced" rotations where at least 50% of the crop years contain perennial hay crops i.e CCOHHH.

Table Unbalanced Rotation
Contour Stripcropping – Ps Subfactor EI = 50

Hydrologic Soil Group	**Cover Management Codes**											
	Code 6 next to 1			Code 5 next to 1			Code 4 next to 1			Code 3 next to 1		
	Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"		
	2	3	4	2	3	4	2	3	4	2	3	4
A	0.52	0.37	0.28	0.54	0.40	0.31	0.58	0.44	0.36	0.61	0.50	0.43
B	0.62	0.46	0.36	0.62	0.51	0.43	0.69	0.61	0.54	0.93	0.88	0.83
C	0.69	0.52	0.42	0.72	0.57	0.49	0.80	0.71	0.64	0.99	0.98	0.98
D	0.72	0.56	0.45	0.76	0.63	0.54	0.84	0.78	0.72	1.00	1.00	1.00

Use "Unbalanced" for rotations where the annual row crop is not greater than 50% of the rotation and where hay seeded with a small grain nurse crop is not more than one year of the rotation i.e CCCOHH.

Balanced Rotation
Contour Stripcropping – Ps Subfactor EI = 60

Hydrologic Soil Group	**Cover Management Codes**											
	Code 6 next to 1			Code 5 next to 1			Code 4 next to 1			Code 3 next to 1		
	Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"		
	2	3	4	2	3	4	2	3	4	2	3	4
A	0.51	0.35	0.26	0.51	0.35	0.25	0.51	0.34	0.25	0.53	0.38	0.28
B	0.61	0.44	0.34	0.60	0.47	0.38	0.65	0.54	0.45	0.89	0.82	0.75
C	0.68	0.49	0.38	0.69	0.52	0.43	0.75	0.62	0.54	0.99	0.99	0.98
D	0.70	0.52	0.41	0.72	0.57	0.47	0.79	0.68	0.60	1.00	1.00	1.00

Use "Balanced" for rotations where at least 50% of the crop years contain perennial hay crops i.e CCOHHH.

Unbalanced Rotation
Contour Stripcropping – Ps Subfactor EI = 60

Hydrologic Soil Group	**Cover Management Codes**											
	Code 6 next to 1			Code 5 next to 1			Code 4 next to 1			Code 3 next to 1		
	Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"		
	2	3	4	2	3	4	2	3	4	2	3	4
A	0.53	0.37	0.29	0.55	0.40	0.31	0.58	0.45	0.37	0.64	0.54	0.46
B	0.62	0.47	0.37	0.63	0.52	0.43	0.70	0.62	0.55	0.93	0.89	0.85
C	0.69	0.52	0.42	0.72	0.58	0.50	0.81	0.72	0.65	1.00	0.99	0.99
D	0.72	0.56	0.45	0.76	0.63	0.54	0.84	0.78	0.72	1.00	1.00	1.00

Use "Unbalanced" for rotations where the annual row crop is not greater than 50% of the rotation and where hay seeded with a small grain nurse crop is not more than one year of the rotation i.e CCCOHH.

Table 11 - Stripcropping P Subfactors

Balanced Rotation
Contour Stripcropping – Ps Subfactor EI = 70

Hydrologic Soil Group	**Cover Management Codes**											
	Code 6 next to 1			Code 5 next to 1			Code 4 next to 1			Code 3 next to 1		
	Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"		
	2	3	4	2	3	4	2	3	4	2	3	4
A	0.52	0.36	0.28	0.53	0.38	0.29	0.53	0.38	0.29	0.60	0.44	0.34
B	0.61	0.44	0.34	0.61	0.48	0.38	0.66	0.54	0.46	0.90	0.84	0.78
C	0.67	0.49	0.39	0.69	0.52	0.44	0.76	0.63	0.54	0.99	0.99	0.99
D	0.70	0.52	0.41	0.72	0.57	0.47	0.79	0.69	0.61	1.00	1.00	1.00

Use "Balanced" for rotations where at least 50% of the crop years contain perennial hay crops i.e CCOHHH.

Unbalanced Rotation
Contour Stripcropping – Ps Subfactor EI = 70

Hydrologic Soil Group	**Cover Management Codes**											
	Code 6 next to 1			Code 5 next to 1			Code 4 next to 1			Code 3 next to 1		
	Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"		
	2	3	4	2	3	4	2	3	4	2	3	4
A	0.54	0.38	0.31	0.56	0.42	0.34	0.60	0.47	0.40	0.71	0.59	0.51
B	0.63	0.47	0.37	0.64	0.52	0.44	0.72	0.63	0.56	0.94	0.91	0.87
C	0.69	0.52	0.42	0.72	o.58	0.50	0.81	0.72	0.66	1.00	1.00	1.00
D	0.72	0.55	0.45	0.76	0.63	0.54	0.85	0.78	0.73	1.00	1.00	1.00

Use "Unbalanced" for rotations where the annual row crop is not greater than 50% of the rotation and where hay seeded with a small grain nurse crop is not more than one year of the rotation i.e CCCOHH.

Balanced Rotation
Contour Stripcropping – Ps Subfactor EI = 80

Hydrologic Soil Group	**Cover Management Codes**											
	Code 6 next to 1			Code 5 next to 1			Code 4 next to 1			Code 3 next to 1		
	Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"		
	2	3	4	2	3	4	2	3	4	2	3	4
A	0.53	0.37	0.30	0.55	0.40	0.32	0.58	0.44	0.36	0.71	0.56	0.47
B	0.62	0.45	0.35	0.62	0.48	0.39	0.67	0.55	0.47	0.91	0.86	0.8-
C	0.67	0.49	0.39	0.69	0.53	0.44	0.76	0.63	0.55	1.00	1.00	1.00
D	0.70	0.52	0.41	0.72	0.57	0.47	0.79	0.69	0.61	1.00	1.00	1.00

Use "Balanced" for rotations where at least 50% of the crop years contain perennial hay crops i.e CCOHHH.

Unbalanced Rotation
Contour Stripcropping – Ps Subfactor EI = 80

Hydrologic Soil Group	**Cover Management Codes**											
	Code 6 next to 1			Code 5 next to 1			Code 4 next to 1			Code 3 next to 1		
	Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"		
	2	3	4	2	3	4	2	3	4	2	3	4
A	0.54	0.39	0.32	0.58	0.44	0.36	0.63	0.51	0.44	0.79	0.67	0.61
B	0.63	0.47	0.37	0.65	0.53	0.44	0.72	0.64	0.56	0.95	0.92	0.88
C	0.69	0.52	0.42	0.72	0.58	0.51	0.81	0.73	0.66	1.00	1.00	1.00
D	0.71	0.55	0.45	0.75	0.63	0.54	0.85	0.78	0.73	1.00	1.00	1.00

Use "Unbalanced" for rotations where the annual row crop is not greater than 50% of the rotation and where hay seeded with a small grain nurse crop is not more than one year of the rotation i.e CCCOHH.

Table 11 - Stripcropping P Subfactors

Balanced Rotation
Contour Stripcropping – Ps Subfactor EI = 90

Hydrologic Soil Group	**Cover Management Codes**											
	Code 6 next to 1			Code 5 next to 1			Code 4 next to 1			Code 3 next to 1		
	Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"		
	2	3	4	2	3	4	2	3	4	2	3	4
A	0.53	0.38	0.30	0.55	0.40	0.32	0.58	0.44	0.36	0.75	0.57	0.50
B	0.62	0.45	0.35	0.62	0.48	0.39	0.68	0.56	0.47	0.91	0.87	0.82
C	0.67	0.49	0.39	0.69	0.53	0.44	0.76	0.63	0.55	1.00	1.00	1.00
D	0.69	0.52	0.41	0.72	0.57	0.47	0.79	0.69	0.61	1.00	1.00	1.00

Use "Balanced" for rotations where at least 50% of the crop years contain perennial hay crops i.e CCOHHH.

Unbalanced Rotation
Contour Stripcropping – Ps Subfactor EI = 90

Hydrologic Soil Group	**Cover Management Codes**											
	Code 6 next to 1			Code 5 next to 1			Code 4 next to 1			Code 3 next to 1		
	Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"		
	2	3	4	2	3	4	2	3	4	2	3	4
A	0.54	0.40	0.32	0.58	0.44	0.37	0.64	0.52	0.45	0.83	0.69	0.63
B	0.64	0.47	0.38	0.65	0.53	0.45	0.73	0.64	0.57	0.95	0.92	0.90
C	0.69	0.52	0.42	0.72	0.58	0.51	0.81	0.73	0.67	1.00	1.00	1.00
D	0.71	0.55	0.45	0.75	0.63	0.54	0.84	0.78	0.73	1.00	1.00	1.00

Use "Unbalanced" for rotations where the annual row crop is not greater than 50% of the rotation and where hay seeded with a small grain nurse crop is not more than one year of the rotation i.e CCCOHH.

Balanced Rotation
Contour Stripcropping – Ps Subfactor EI = 100

Hydrologic Soil Group	**Cover Management Codes**											
	Code 6 next to 1			Code 5 next to 1			Code 4 next to 1			Code 3 next to 1		
	Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"		
	2	3	4	2	3	4	2	3	4	2	3	4
A	0.54	0.39	0.30	0.56	0.40	0.33	0.59	0.44	0.36	0.76	0.60	0.51
B	0.62	0.45	0.35	0.63	0.49	0.39	0.68	0.56	0.48	0.92	0.83	0.84
C	0.67	0.49	0.39	0.69	0.53	0.44	0.76	0.64	0.56	1.00	1.00	1.00
D	0.69	0.51	0.41	0.72	0.57	0.47	0.79	0.69	0.61	1.00	1.00	1.00

Use "Balanced" for rotations where at least 50% of the crop years contain perennial hay crops i.e CCOHHH.

Unbalanced Rotation
Contour Stripcropping – Ps Subfactor EI = 100

Hydrologic Soil Group	**Cover Management Codes**											
	Code 6 next to 1			Code 5 next to 1			Code 4 next to 1			Code 3 next to 1		
	Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"		
	2	3	4	2	3	4	2	3	4	2	3	4
A	0.55	0.41	0.33	0.58	0.44	0.37	0.64	0.52	0.45	0.85	0.71	0.65
B	0.64	0.48	0.38	0.66	0.54	0.45	0.74	0.65	0.58	0.95	0.93	0.90
C	0.69	0.52	0.42	0.72	0.58	0.51	0.81	0.73	0.67	1.00	1.00	1.00
D	0.71	0.55	0.44	0.75	0.62	0.54	0.84	0.78	0.73	1.00	1.00	1.00

Use "Unbalanced" for rotations where the annual row crop is not greater than 50% of the rotation and where hay seeded with a small grain nurse crop is not more than one year of the rotation i.e CCCOHH.

Table 12. Critical Slopes by Soil Hydrologic Group (A, B, C, D), Cover Condition Code, and EI Zone (50, 60, 70, 80, 90, 100)

	EI = 100			**EI 90**			**EI = 80**			**EI = 70**			**EI = 60**			**EI = 50**		
	Cover Cond. Code			Cover Cond. Code			Cover Cond. Code			Cover Cond. Code			Cover Cond. Code			Cover Cond. Code		
Slope	**5**	**6**	**7**	**5**	**6**	**7**	**5**	**6**	**7**	**5**	**6**	**7**	**5**	**6**	**7**	**5**	**6**	**7**
Soil Hydrologic Soil Group A																		
6%	NA	390	240	NA	440	260	NA	490	275	NA	800	320	NA	NA	400	NA	NA	520
10%	650	210	140	775	240	150	900	280	160	NA	440	170	NA	560	180	NA	760	220
14%	440	150	80	520	170	85	610	190	90	760	300	100	980	390	130	NA	520	150
18%	340	110	60	430	125	65	520	140	70	560	230	75	650	280	90	NA	390	110
Soil Hydrologic Soil Group B																		
6%	680	300	150	7780	340	165	880	380	180	NA	440	200	NA	500	230	NA	820	280
10%	380	160	80	430	180	90	490	200	100	560	250	110	690	290	130	850	460	150
14%	260	120	50	290	135	55	320	150	60	380	160	70	450	200	90	580	310	100
18%	190	80	40	220	90	45	250	100	50	290	120	60	350	150	70	440	240	80
Soil Hydrologic Soil Group C																		
6%	550	240	130	600	270	140	650	300	150	750	340	170	890	390	200	NA	470	280
10%	300	140	70	330	155	75	360	170	80	420	190	90	500	220	100	600	260	160
14%	200	90	50	225	100	55	250	110	60	290	130	70	330	150	75	400	180	100
18%	160	70	40	175	80	45	190	90	50	220	100	55	250	110	60	300	130	70
Soil Hydrologic Soil Group D																		
6%	490	220	120	540	240	125	590	270	130	680	300	150	780	350	180	900	410	200
10%	270	120	70	300	135	75	320	150	80	370	180	85	420	200	100	500	230	110
14%	180	80	50	200	90	55	220	100	60	250	120	65	290	130	70	330	160	75
18%	140	60	40	150	70	45	160	80	50	190	90	55	220	100	60	250	120	65

Table 13. "Effective RUSLE "Pc Subfactor" Adjustment for Contouring or Stripcropping when Field Slope (L) exceeds the Critical Slope Length.

Note: The "Effective Pc Value" was calculated using RUSLE 1.04, Medium rill to interrill erosion, and a slope range of 4-12%.

Ratio – Actual "L" / Critical "L"	**Pc Subfactor Determined from Table 10**								
	0.1	**0.2**	**0.3**	**0.4**	**0.5**	**0.6**	**0.7**	**0.8**	**0.9**
1.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
1.5	0.51	0.57	0.62	0.68	0.72	0.79	0.84	0.89	0.95
2.0	0.68	0.72	0.75	0.79	0.82	0.86	0.89	0.93	0.96
2.5	0.77	0.80	0.82	0.85	0.88	0.90	0.92	0.95	0.97
3.0	0.83	0.85	0.86	0.88	0.90	0.92	0.94	0.96	0.98
3.5	0.86	0.88	0.90	0.91	0.93	0.94	0.95	0.97	0.99
4.0	0.88	0.90	0.91	0.92	0.94	0.95	0.96	0.98	0.99
4.5	0.90	0.91	0.92	0.93	0.95	0.96	0.97	0.98	0.99
5.0	0.92	0.93	0.94	0.94	0.96	0.97	0.98	0.99	0.99
5.5	0.93	0.94	0.95	0.95	0.96	0.97	0.98	0.99	0.99
6.0	0.93	0.94	0.95	0.95	0.96	0.97	0.98	0.99	0.99

Example:
Step 1. The Pc Subfactor determined using Table 10 was 0.72. The slope length "L" is 300 feet. The Critical Slope Length is 200. Therefore we need to determine the "Effective Pc Subfactor because the field slope length exceeds the critical slope length by 100 feet.

Step 2. Divide Actual Slope Length by the Critical Slope Length (300 / 200 = 1.5) to determine the Ratio of Actual Slope Length to Critical Slope Length (1.5)

Step 3. On Table 13 (above) locate the column 0.7 (Pc Subfactor Determined from Table 10) it is closest to the 0.72. Go down the left column until you find the ratio of 1.5 (or closest ratio); move across until the 1.5 row intersects the 0.7 column. The new "Effective Pc = 0.84.

This indicates that since the field slope length exceeds the critical slope length the contour or strip cropping is less effective (0.72 vs. 0.84) and will provide less erosion control.

Table 14 - Contour Buffer Strips - Ps Subfactors

Contour Buffer Strips – Ps Subfactor
10 % of "L" in Buffers **EI = 50**

Hydrologic Soil Group	**Cover Management Codes**							
	Code 6		Code 5		Code 4		Code 3	
	# of Strips on "L"		# of Strips on "L"		# of Strips on "L"		# of Strips on "L"	
	2	3	2	3	2	3	2	3
A	0.89	0.74	0.89	0.74	0.90	0.74	0.90	0.96
B	0.89	0.79	0.90	0.78	0.90	0.80	0.93	0.93
C	0.90	0.83	0.90	0.84	0.91	0.87	0.96	1.00
D	0.90	0.85	0.91	0.86	0.92	0.89	0.98	1.00

Contour Buffer Strips – Ps Subfactor
20 % of "L" in Buffers **EI = 50**

Hydrologic Soil Group	**Cover Management Codes**											
	Code 6			Code 5			Code 4			Code 3		
	Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"		
	2	3	4	2	3	4	2	3	4	2	3	4
A	0.78	0.71	0.66	0.79	0.72	0.67	0.78	0.72	0.61	0.78	0.82	0.81
B	0.79	0.79	0.72	0.80	0.78	0.72	0.81	0.80	0.75	0.88	0.94	0.89
C	0.79	0.83	0.76	0.80	0.83	0.77	0.83	0.87	0.81	0.94	1.00	0.97
D	0.80	0.85	0.77	0.81	0.86	0.79	0.84	0.90	0.83	0.98	1.00	0.99

Contour Buffer Strips – Ps Subfactor
10 % of "L" in Buffers **EI = 60**

Hydrologic Soil Group	**Cover Management Codes**							
	Code 6		Code 5		Code 4		Code 3	
	# of Strips on "L"		# of Strips on "L"		# of Strips on "L"		# of Strips on "L"	
	2	3	2	3	2	3	2	3
A	0.89	0.74	0.90	0.75	0.90	0.76	0.91	0.79
B	0.90	0.80	0.90	0.79	0.90	0.81	0.94	0.94
C	0.90	0.83	0.90	0.84	0.91	0.87	0.97	1.00
D	0.90	0.85	0.91	0.86	0.92	0.89	0.98	1.00

Contour Buffer Strips – Ps Subfactor
20 % of "L" in Buffers **EI = 60**

Hydrologic Soil Group	**Cover Management Codes**											
	Code 6			Code 5			Code 4			Code 3		
	Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"		
	2	3	4	2	3	4	2	3	4	2	3	4
A	0.79	0.72	0.67	0.79	0.72	0.68	0.80	0.72	0.68	0.80	0.75	0.72
B	0.79	0.79	0.73	0.80	0.79	0.73	0.81	0.81	0.76	0.89	0.95	0.90
C	0.79	0.83	0.76	0.81	0.84	0.77	0.83	0.87	0.81	0.95	1.00	0.97
D	0.80	0.84	0.77	0.81	0.86	0.79	0.84	0.90	0.83	0.98	1.00	0.99

Table 14 - Contour Buffer Strips - Ps Subfactors

Contour Buffer Strips – Ps Subfactor

10 % of "L" in Buffers **EI = 70**

Hydrologic Soil Group	**Cover Management Codes**							
	Code 6		Code 5		Code 4		Code 3	
	# of Strips on "L"		# of Strips on "L"		# of Strips on "L"		# of Strips on "L"	
	2	3	2	3	2	3	2	3
A	0.89	0.74	0.90	0.75	0.90	0.77	0.91	0.83
B	0.90	0.80	0.90	0.80	0.91	0.82	0.94	0.95
C	0.90	0.83	0.91	0.84	0.92	0.87	0.97	1.00
D	0.91	0.85	0.91	0.86	0.92	0.89	0.98	1.00

Contour Buffer Strips – Ps Subfactor

20 % of "L" in Buffers **EI = 70**

Hydrologic Soil Group	**Cover Management Codes**											
	Code 6			Code 5			Code 4			Code 3		
	Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"		
	2	3	4	2	3	4	2	3	4	2	3	4
A	0.79	0.72	0.67	0.80	0.73	0.68	0.81	0.74	0.70	0.82	0.81	0.77
B	0.79	0.79	0.73	0.80	0.79	0.73	0.81	0.82	0.76	0.89	0.96	0.91
C	0.79	0.83	0.76	0.81	0.84	0.77	0.83	0.88	0.82	0.95	1.00	0.97
D	0.80	0.84	0.78	0.81	0.86	0.79	0.84	0.90	0.83	0.98	1.00	0.99

Contour Buffer Strips – Ps Subfactor

10 % of "L" in Buffers **EI = 80**

Hydrologic Soil Group	**Cover Management Codes**							
	Code 6		Code 5		Code 4		Code 3	
	# of Strips on "L"		# of Strips on "L"		# of Strips on "L"		# of Strips on "L"	
	2	3	2	3	2	3	2	3
A	0.89	0.74	0.90	0.76	0.90	0.77	0.91	0.86
B	0.90	0.80	0.90	0.80	0.91	0.82	0.94	0.95
C	0.91	0.83	0.91	0.84	0.92	0.87	0.97	1.00
D	0.91	0.85	0.92	0.86	0.92	0.89	0.98	1.00

Contour Buffer Strips – Ps Subfactor

20 % of "L" in Buffers **EI = 80**

Hydrologic Soil Group	**Cover Management Codes**											
	Code 6			Code 5			Code 4			Code 3		
	Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"		
	2	3	4	2	3	4	2	3	4	2	3	4
A	0.79	0.73	0.67	0.80	0.74	0.69	0.81	0.76	0.71	0.83	0.86	0.80
B	0.79	0.80	0.73	0.80	0.80	0.74	0.81	0.82	0.77	0.90	0.96	0.91
C	0.80	0.83	0.77	0.81	0.84	0.78	0.83	0.88	0.82	0.95	1.00	0.97
D	0.80	0.84	0.78	0.81	0.86	0.80	0.84	0.90	0.84	0.98	1.00	0.99

Table 14 - Contour Buffer Strips - Ps Subfactors

Contour Buffer Strips – Ps Subfactor

10 % of "L" in Buffers **EI = 90**

Hydrologic Soil Group	**Cover Management Codes**							
	Code 6		Code 5		Code 4		Code 3	
	# of Strips on "L"		# of Strips on "L"		# of Strips on "L"		# of Strips on "L"	
	2	3	2	3	2	3	2	3
A	0.89	0.75	0.90	0.76	0.90	0.77	0.91	0.87
B	0.90	0.80	0.91	0.80	0.91	0.83	0.95	0.96
C	0.91	0.83	0.91	0.84	0.92	0.87	0.97	1.00
D	0.91	0.85	0.92	0.86	0.93	0.89	0.98	1.00

Contour Buffer Strips – Ps Subfactor

20 % of "L" in Buffers **EI = 90**

Hydrologic Soil Group	**Cover Management Codes**											
	Code 6			Code 5			Code 4			Code 3		
	Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"		
	2	3	4	2	3	4	2	3	4	2	3	4
A	0.79	0.73	0.67	0.80	0.74	0.69	0.81	0.76	0.71	0.83	0.87	0.81
B	0.79	0.80	0.74	0.80	0.80	0.74	0.82	0.83	0.77	0.90	0.97	0.92
C	0.80	0.83	0.77	0.81	0.84	0.78	0.83	0.88	0.82	0.95	1.00	0.98
D	0.80	0.84	0.78	0.81	0.85	0.80	0.84	0.90	0.84	0.98	1.00	0.99

Contour Buffer Strips – Ps Subfactor

10 % of "L" in Buffers **EI = 100**

Hydrologic Soil Group	**Cover Management Codes**							
	Code 6		Code 5		Code 4		Code 3	
	# of Strips on "L"		# of Strips on "L"		# of Strips on "L"		# of Strips on "L"	
	2	3	2	3	2	3	2	3
A	0.90	0.75	0.90	0.76	0.90	0.77	0.92	0.88
B	0.91	0.81	0.91	0.80	0.91	0.83	0.95	0.96
C	0.91	0.83	0.92	0.84	0.92	0.88	0.97	1.00
D	0.92	0.85	0.92	0.86	0.93	0.89	0.98	1.00

Contour Buffer Strips – Ps Subfactor

20 % of "L" in Buffers **EI = 100**

Hydrologic Soil Group	**Cover Management Codes**											
	Code 6			Code 5			Code 4			Code 3		
	Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"			Number of Strips on "L"		
	2	3	4	2	3	4	2	3	4	2	3	4
A	0.79	0.73	0.67	0.80	0.74	0.69	0.81	0.76	0.71	0.84	0.88	0.82
B	0.79	0.80	0.74	0.80	0.80	0.75	0.82	0.83	0.78	0.90	0.97	0.93
C	0.80	0.83	0.77	0.81	0.84	0.78	0.83	0.88	0.82	0.95	1.00	0/98
D	0.80	0.84	0.78	0.82	0.85	0.80	0.84	0.89	0.84	0.98	1.00	0.99