Onondaga County, New York
Soil Map Legend for Food Security Act 1990 Frozen K and T Factors

Map Unit Symbol	Soil Name, Surface Texture, Slope Range % (ft./100 ft.)	Mineral Soil Group	T	K
AlA	ALTON GRAVELLY FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	3	3	.17
AlB	ALTON GRAVELLY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	3	3	.17
AlC	ALTON GRAVELLY FINE SANDY LOAM, ROLLING	5	3	.17
AnB	ANGOLA-DARIEN SILT LOAMS, 0 TO 6 PERCENT SLOPES	6	3	.37
AnC	ANGOLA-DARIEN SILT LOAMS, 6 TO 12 PERCENT SLOPES	7	3	.37
AoA	APPLETON LOAM, 0 TO 3 PERCENT SLOPES	5	3	.32
ApA	APPLETON CHANNERY SILT LOAM, 0 TO 3 PERCENT SLOPES	5	3	.24
ApB	APPLETON CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	5	3	.24
ArB	ARKPORT VERY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	3	3	.28
ArC	ARKPORT VERY FINE SANDY LOAM, ROLLING	4	3	.28
ArD	ARKPORT VERY FINE SANDY LOAM, HILLY	6	3	.28
ATB	ARNOT CHANNERY SILT LOAM, GENTLY SLOPING	6	2	.24
AVF	ARNOT-LORDSTOWN ASSOCIATION, VERY STEEP	9	2	.20
AwB	AURORA SILT LOAM, 0 TO 6 PERCENT SLOPES	4	3	.37
AwC	AURORA SILT LOAM, 6 TO 12 PERCENT SLOPES	5	3	.37
AwD	AURORA SILT LOAM, 12 TO 18 PERCENT SLOPES	7	3	.37
AwD2	AURORA SILT LOAM, 12 TO 18 PERCENT SLOPES, ERODED	8	3	.37
AXF	AURORA-FARMINGTON-ROCK OUTCROP ASSOCIATION, STEEP	9	2	.37
BeB	BENSON SILT LOAM, UNDULATING	6	2	.28
BeC	BENSON SILT LOAM, ROLLING	8	2	.28
BNC	BENSON-WASSAIC-ROCK OUTCROP ASSOCIATION, SLOPING	8	2	.32
BNF	BENSON-WASSAIC-ROCK OUTCROP ASSOCIATION, VERY STEEP	9	2	.32
BoB	BOMBAY GRAVELLY LOAM, 2 TO 8 PERCENT SLOPES	2	3	.24
BP	BORROW PITS	-	-	-
CaB	CAMILLUS SILT LOAM, 2 TO 6 PERCENT SLOPES	3	3	.43
CaC	CAMILLUS SILT LOAM, 6 TO 12 PERCENT SLOPES	5	3	.43
CaC2	CAMILLUS SILT LOAM, 6 TO 12 PERCENT SLOPES, ERODED	5	3	.43
CaD2	CAMILLUS SILT LOAM, 12 TO 18 PERCENT SLOPES ERODED	7	3	.43
CBE	CAMILLUS AND LAIRDSVILLE CHANNERY SOILS, STEEP	8	3	.43
Cd	CANANDAIGUA MUCKY SILT LOAM	7	5	.49
Ce	CARLISLE MUCK (DRAINED)	6	2	.00
CfB	CAZENOVIA SILT LOAM, 2 TO 8 PERCENT SLOPES	3	3	.37
CfC	CAZENOVIA SILT LOAM, 8 TO 15 PERCENT SLOPES	5	3	.37
CfC2	CAZENOVIA SILT LOAM, 8 TO 15 PERCENT SLOPES, ERODED	6	3	.37
CFL	CUT AND FILL LAND	-	-	-
CgD	CAZENOVIA SOILS, 15 TO 25 PERCENT SLOPES	6	3	.37
ChA	COLLAMER SILT LOAM, 0 TO 2 PERCENT SLOPES	2	3	.49
ChB	COLLAMER SILT LOAM, 2 TO 6 PERCENT SLOPES	3	3	.49
ClB	COLONIE LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	4	4	.17
ClC	COLONIE LOAMY FINE SAND, ROLLING	6	4	.17
CoA	CONESUS GRAVELLY SILT LOAM, 0 TO 3 PERCENT SLOPES	2	3	.28
CoB	CONESUS GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES	3	3	.28
CrB	CROGHAN LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	4	5	.17
Da	DARIEN SILT LOAM	5	3	.37
DuC	DUNKIRK SILT LOAM, ROLLING	4	3	.49
Ed	EDWARDS MUCK (DRAINED)	6	2	.00
FAC	FARMINGTON-AURORA ASSOCIATION SLOPING	8	3	.37
FL	FLUVAQUENTS, FREQUENTLY FLOODED	9	5	.17
Fo	FONDA MUCKY SILTY CLAY LOAM	7	5	.49
Fr	FREDON LOAM	6	3	.28

GaA	GALEN VERY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	2	3	.28
GaB	GALEN VERY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	3	3	.28
GP	GRAVEL PITS	-	-	-
Ha	HALSEY MUCKY LOAM	7	5	.24
Hb	HAMLIN SILT LOAM	1	5	.49
Hc	HAMLIN SILT LOAM, HIGH BOTTOM	1	5	.49
He	HERKIMER SILT LOAM	2	3	.32
HlA	HILTON LOAM, 0 TO 3 PERCENT SLOPES	2	3	.32
HlB	HILTON LOAM, 3 TO 8 PERCENT SLOPES	2	3	.32
HnB	HONEOYE SILT LOAM, 2 TO 8 PERCENT SLOPES	2	3	.32
HnC	HONEOYE SILT LOAM, 8 TO 15 PERCENT SLOPES	5	3	.32
HnCK	HONEOYE SILT LOAM, ROLLING	5	3	.32
HoD	HONEOYE AND LANSING GRAVELLY SILT LOAMS, 15 TO 25 PERCENT SLOPES	6	3	.32
HSC	HONEOYE VERY STONY SOILS, SLOPING	8	3	.24
HTE	HONEOYE, LANSING AND ONTARIO SOILS, STEEP	8	3	.32
HTF	HONEOYE, LANSING AND ONTARIO SOILS, VERY STEEP	9	3	.32
HwA	HOWARD GRAVELLY FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	2	3	.24
HwB	HOWARD GRAVELLY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	2	3	.24
HwC	HOWARD GRAVELLY FINE SANDY LOAM, ROLLING	5	3	.24
HxA	HOWARD GRAVELLY LOAM, 0 TO 3 PERCENT SLOPES	2	3	.24
HxB	HOWARD GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	2	3	.24
HxC	HOWARD GRAVELLY LOAM, ROLLING	5	3	.24
HyA	HOWARD GRAVELLY SILT LOAM, 0 TO 3 PERCENT SLOPES	2	3	.24
HyB	HOWARD GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES	2	3	.24
KeA	KENDAIA SILT LOAM, 0 TO 3 PERCENT SLOPES	5	3	.32
KeB	KENDAIA SILT LOAM, 3 TO 8 PERCENT SLOPES	5	3	.32
LaB	LAIRDSVILLE SILT LOAM, 2 TO 6 PERCENT SLOPES	4	3	.43
LbC2	LAIRDSVILLE SILTY CLAY LOAM, 6 TO 12 PERCENT SLOPES, ERODED	6	3	.43
Lk	LAKEMONT SILTY CLAY LOAM	6	5	.49
Lm	LAMSON VERY FINE SANDY LOAM	7	5	.28
LsB	LANSING GRAVELLY SILT LOAM, 2 TO 8 PERCENT SLOPES	2	3	.24
LsC	LANSING GRAVELLY SILT LOAM, 8 TO 15 PERCENT SLOPES	5	3	.24
LsCK	LANSING GRAVELLY SILT LOAM, ROLLING	5	3	.24
LtA	LIMA SILT LOAM, 0 TO 3 PERCENT SLOPES	2	3	.32
LtB	LIMA SILT LOAM, 3 TO 8 PERCENT SLOPES	3	3	.32
LvB	LOCKPORT AND BROCKPORT SILTY CLAY LOAMS, 0 TO 6 PERCENT SLOPES	5	3	.43
LWC	LORDSTOWN CHANNERY SILT LOAM, SLOPING	6	3	.20
LXD	LORDSTOWN-ARNOT CHANNERY SILT LOAMS, MODERATELY STEEP	7	3	.20
Ly	LYONS SILT LOAM	7	5	.37
Ma	MADE LAND, CHEMICAL WASTE	-	-	-
MdB	MADRID FINE SANDY LOAM, 2 TO 8 PERCENT SLOPES	2	3	.32
MdC	MADRID FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	5	3	.32
MdC2	MADRID FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, ERODED	5	3	.32
MdCK	MADRID FINE SANDY LOAM, ROLLING	5	3	.32
MgB	MADRID GRAVELLY LOAM, 2 TO 8 PERCENT SLOPES	2	3	.24
MgC	MADRID GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES	5	3	.24
MhA	MANHEIM SILT LOAM, 0 TO 3 PERCENT SLOPES	5	3	.37
MhB	MANHEIM SILT LOAM, 3 TO 8 PERCENT SLOPES	5	3	.37
Ml	MADE LAND	-	-	-
MnB	MANLIUS CHANNERY SILT LOAM, 2 TO 6 PERCENT SLOPES	4	3	.20
MnC	MANLIUS CHANNERY SILT LOAM, 6 TO 12 PERCENT SLOPES	6	3	.20
MnD	MANLIUS CHANNERY SILT LOAM, 12 TO 18 PERCENT SLOPES	7	3	.20
MoB	MARDIN CHANNERY SILT LOAM, 2 TO 8 PERCENT SLOPES	4	3	.24
MoC	MARDIN CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	6	3	.24

MoD	MARDIN CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	7	3	.24
MPE	MARDIN SOILS, STEEP	8	3	.24
MrB	MARDIN CHANNERY SILT LOAM, MODERATELY SHALLOW VARIANT, 2 TO 6 PERCENT SLOPES	5	3	.24
MrC	MARDIN CHANNERY SILT LOAM, MODERATELY SHALLOW VARIANT, 6 TO 18 PERCENT SLOPES	7	3	.24
Ms	MARTISCO AND WARNERS SOILS (DRAINED)	6	2	.00
MtA	MINOA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	5	4	.28
MtB	MINOA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	5	4	.28
MwB	MOHAWK SILT LOAM, 2 TO 8 PERCENT SLOPES	3	4	.32
MwC	MOHAWK SILT LOAM, 8 TO 15 PERCENT SLOPES	5	4	.32
MwD	MOHAWK SILT LOAM, 15 TO 25 PERCENT SLOPES	6	4	.32
Na	NAUMBURG LOAMY FINE SAND	6	5	.17
NgA	NIAGARA SILT LOAM, 0 TO 4 PERCENT SLOPES	4	3	.49
OdA	ODESSA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	5	5	.49
OdB	ODESSA SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	5	5	.49
OgB	ONTARIO LOAM, 2 TO 8 PERCENT SLOPES	2	3	.32
OIR	ONONDAGA INDIAN RESERVATION	-	-	-
OnC	ONTARIO GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES	5	3	.24
OnC2	ONTARIO GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES, ERODED	5	3	.24
OnCK	ONTARIO GRAVELLY LOAM, ROLLING	5	3	.24
OpD	ONTARIO AND MADRID SOILS, 15 TO 25 PERCENT SLOPES	7	3	.32
OtB	OTISVILLE GRAVELLY LOAMY FINE SAND, 0 TO 8 PERCENT SLOPES	5	3	.17
OtC	OTISVILLE GRAVELLY LOAMY FINE SAND, ROLLING	6	3	.17
OvA	OVID SILT LOAM, 0 TO 3 PERCENT SLOPES	5	3	.37
OvB	OVID SILT LOAM, 3 TO 8 PERCENT SLOPES	5	3	.37
PaB	PALATINE SHALY SILT LOAM, 2 TO 6 PERCENT SLOPES	5	3	.28
PaC	PALATINE SHALY SILT LOAM, 6 TO 12 PERCENT SLOPES	6	3	.28
Pb	PALMS MUCK (DRAINED)	6	2	.00
PgA	PALMYRA GRAVELLY LOAM, 0 TO 3 PERCENT SLOPES	1	3	.24
PgB	PALMYRA GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	2	3	.24
PgC	PALMYRA GRAVELLY LOAM, ROLLING	5	3	.24
PHD	PALMYRA AND HOWARD SOILS, HILLY	6	3	.24
PHE	PALMYRA AND HOWARD SOILS, STEEP	8	3	.24
PHF	PALMYRA AND HOWARD SOILS, VERY STEEP	9	3	.24
PpA	PHELPS GRAVELLY LOAM, 0 TO 3 PERCENT SLOPES	2	3	.24
PpB	PHELPS GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	2	3	.24
Qu	QUARRIES	-	-	-
Rh	RHINEBECK SILT LOAM	5	3	.49
SA	SAPRISTS AND FLUVAQUENTS, PONDED	-	-	-
ScB	SCHOHARIE SILT LOAM, 2 TO 6 PERCENT SLOPES	3	3	.49
ScC	SCHOHARIE SILT LOAM, ROLLING	4	3	.49
SdD	SCHOHARIE SILTY CLAY LOAM, HILLY	6	3	.49
SEE	SCHOHARIE SOILS, STEEP	8	3	.49
Te	TEEL SILT LOAM	2	5	.49
Ub	URBAN LAND	-	-	-
Va	VARICK SILT LOAM	7	3	.37
VoB	VOLUSIA CHANNERY SILT LOAM, 0 TO 8 PERCENT SLOPES	6	3	.24
VoC	VOLUSIA CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	7	3	.24
VuB	VOLUSIA CHANNERY SILT LOAM, MODERATELY SHALLOW VARIANT, 0 TO 6 PERCENT SLOPES	7	3	.24
W	WATER	-	-	-
WaA	WAMPSVILLE GRAVELLY SILT LOAM, 0 TO 3 SLOPES	1	3	.24
WaB	WAMPSVILLE GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES	2	3	.24

WaC	WAMPSVILLE GRAVELLY SILT LOAM, ROLLING	4	3	.24
Wb	WAREHAM LOAMY FINE SAND	6	3	.24
WcB	WASSAIC SILT LOAM, 0 TO 8 PERCENT SLOPES	3	3	.32
WcC	WASSAIC SILT LOAM, 8 TO 15 PERCENT SLOPES	5	3	.32
WDD	WASSAIC-BENSON SILT LOAMS, MODERATELY STEEP	7	3	.32
Wn	WAYLAND SILT LOAM	8	5	.43
Wv	WEAVER SILT LOAM	2	5	.32
WwA	WILLIAMSON SILT LOAM, 0 TO 2 PERCENT SLOPES	3	3	.49
WwB	WILLIAMSON SILT LOAM, 2 TO 6 PERCENT SLOPES	4	3	.49
WwC	WILLIAMSON SILT LOAM, ROLLING	5	3	.49
WwC2	WILLIAMSON SILT LOAM, ROLLING, ERODED	6	3	.49
WZ	WATER, CENSUS	-	-	-

ONONDAGA COUNTY

Alternative Conservation System

Guide Sheet

For Crop Land Use

AGRICULTURAL LAND CLASSIFICATION SYSTEM - SOIL GROUP 2

Soils in Agricultural Land Classification System Group 2 have slopes ranging from 0-8% with slopes in the 3-8% range being dominant. Soils in this group are rarely if ever flooded during the growing season with little yield loss due to planting or harvesting delays. These soils may have slight limitations in the form of wetness, droughtiness, or potential erosion. They are in the Mesic Temperature range and their Index Number value is 80.00 - 89.99.

BoB	02-08	Bombay	HyB	03-08	Howard
ChA	00-02	Collamer	LsB	02-08	Lansing
CoA	00-03	Conesus	LtA	00-03	Lima
GaA	00-02	Galen	MdB	02-08	Madrid
He	00-03	Herkimer	MgB	02-08	Madrid
HlA	00-03	Hilton	OgB	02-08	Ontario
HlB	03-08	Hilton	PgB	03-08	Palmyra
HnB	02-08	Honeoye	PpA	00-03	Phelps
HwA	00-03	Howard	PpB	03-08	Phelps
HwB	03-08	Howard	Te	00-03	Teel
HxA	00-03	Howard	WaB	03-08	Wampsville
HxB	03-08	Howard	Wv	00-03	Weaver
HyA	00-03	Howard			

Quality Standards

1. **Erosion Control** - Soil loss is reduced to economically justifiable levels for essential treatment in accordance with the provisions of the 1985 Food Security Act.

Alternative Conservation System Components - Essential Treatment

Conservation practices listed below are those that are normally applicable to the soil group. Field specific data may result in modification of this practice list.

Conservation Cropping Sequence
Contour Stripcropping
Contour Farming
Reduced Tillage Systems
No-Till
Combinations of above practices

2. Erosion Control - Additional Treatment for erosion control brings soil loss to levels that will sustain long term productivity and includes system components for the control of concentrated flow erosion in accordance with the Field Office Technical Guide.

Potential Resource Management System Components - Additional Treatment

Terrace
Diversion
Terrace and Contour Stripcropping
Grassed Waterway

Example for Soil Group 2 with R factor 80
OnB K= .24 Slope= 400 ft 6% RKLS= 25.84 T= 3 EI= 9 HEL
SmGSmGH3 Springplow C factor = .204 Wcover = .190 Red.Till=.140 No-till=.08

PRESENT EROSION
4.5 t/a

FIELD STRIP 3.7t/a $3.80/t	CONTOUR STRIP 2.6t/a $2.72/t	
CONTOUR FARMING 3.1t/a $2.94/t	CONTOUR & RED.TL 2.1t/a $2.86/t	CONTOUR & NO-TIL 1.3t/a $2.24/t
TERRACE 3.0t/a $17.45/t	TERRACE &CONTOUR 1.8t/a $11.10/t	TERRACE &C.STRIP 1.5t/a $10.42/t
WINTER COVER 4.2t/a $32.52/t	WC & REDUCED TIL 2.8t/a $7.60/t	W.COVER & NO-TIL 1.9t/a $5.08/t
REDUCED TILLAGE 3.1t/a $1.91/t	RT & FIELD STRIP 2.5t/a $2.92/t	RT & CONT. STRIP 1.8t/a $2.88/t
NO-TILL 1.9t/a $1.19/t	NT & FIELD STRIP 1.6t/a $2.08/t	NT & CONT. STRIP 1.1t/a $2.40/t

All tillage and planting operations are assumed to be cross slope
Maximum stripcropping widths are 130 feet for field and 120 feet for contour
Reduced tillage minimum residue is 30 % No-till minimum residue is 70 %
No-till is for the corn portion of the rotation only

Since EI is over 8 the field would be on highly erodible land (HEL)
To meet the requirements for conservation compliance under Food & Security Act
Apply economically feasible conservation treatment that has a cost less than
The estimated benefit for Soil Group 2 of $2.40/t
Rotational changes should also be considered where economically feasible.

Example for Soil Group 2 with R factor 80
MaB K= .32 Slope= 400 ft 6.% RKLS= 34.45 T= 3 EI= 11 HEL
Cs5H5 Springplow C factor = .226 Wcover = .162 Red.Till=.130 No-till=.105

PRESENT EROSION
6.6 t/a

FIELD STRIP 5.4t/a $2.57/t	CONTOUR STRIP 1.9t/a $1.07/t	
CONTOUR FARMING 4.6t/a $1.99/t	CONTOUR & RED.TL 2.6t/a $1.68/t	CONTOUR & NO-TIL 2.1t/a $1.58/t
TERRACE 4.4t/a $11.81/t	TERRACE &CONTOUR 2.6t/a $7.51/t	TERRACE &C.STRIP 1.1t/a $5.65/t
WINTER COVER 4.7t/a $5.34/t	WC & REDUCED TIL 2.0t/a $2.72/t	W.COVER & NO-TIL 2.0t/a $2.84/t
REDUCED TILLAGE 3.8t/a $0.95/t	RT & FIELD STRIP 3.1t/a $1.63/t	RT & CONT. STRIP 1.1t/a $1.40/t
NO-TILL 3.1t/a $0.86/t	NT & FIELD STRIP 2.5t/a $1.48/t	NT & CONT. STRIP 0.9t/a $1.41/t

All tillage and planting operations are assumed to be cross slope
Maximum stripcropping widths are 130 feet for field and 120 feet for contour
Reduced tillage minimum residue is 30 % No-till minimum residue is 30 %
Minimum residue requirement for corn silage may be met by adding manure
No-till is for the corn portion of the rotation only

Since EI is over 8 the field would be on highly erodible land (HEL)
To meet the requirements for conservation compliance under Food & Security Act
Apply economically feasible conservation treatment that has a cost less than
The estimated benefit for Soil Group 2 of $2.40/t
tational changes should also be considered where economically feasible.

Example for Soil Group 2 with R factor 85
HnB K= .32 Slope= 400 ft 5% RKLS= 29.14 T= 3 EI= 10 HEL
SmGSmGH3 Springplow C factor = .204 Wcover = .190 Red.Till=.140 No-till=.08

PRESENT EROSION
5.0 t/a

FIELD STRIP 4.2t/a $3.37/t	CONTOUR STRIP 3.0t/a $2.41/t	
CONTOUR FARMING 3.0t/a $1.93/t	CONTOUR & RED.TL 2.0t/a $2.22/t	CONTOUR & NO-TIL 1.3t/a $1.87/t
TERRACE 3.4t/a $14.18/t	TERRACE &CONTOUR 1.7t/a $8.30/t	TERRACE &C.STRIP 1.7t/a $8.60/t
WINTER COVER 4.7t/a $28.84/t	WC & REDUCED TIL 3.2t/a $6.74/t	W.COVER & NO-TIL 2.1t/a $4.51/t
REDUCED TILLAGE 3.5t/a $1.69/t	RT & FIELD STRIP 2.8t/a $2.59/t	RT & CONT. STRIP 2.0t/a $2.55/t
NO-TILL 2.1t/a $1.06/t	NT & FIELD STRIP 1.8t/a $1.85/t	NT & CONT. STRIP 1.3t/a $2.13/t

All tillage and planting operations are assumed to be cross slope
Maximum stripcropping widths are 130 feet for field and 120 feet for contour
Reduced tillage minimum residue is 30 % No-till minimum residue is 70 %
No-till is for the corn portion of the rotation only

Since EI is over 8 the field would be on highly erodible land (HEL)
To meet the requirements for conservation compliance under Food & Security Act
Apply economically feasible conservation treatment that has a cost less than
The estimated benefit for Soil Group 2 of $2.40/t
Rotational changes should also be considered where economically feasible.

Example for Soil Group 2 with R factor 85
LgB K= .24 Slope= 400 ft 6.% RKLS= 27.45 T= 3 EI= 9 HEL
Cs5H5 Springplow C factor = .226 Wcover = .162 Red.Till=.130 No-till=.105

PRESENT EROSION
5.3 t/a

FIELD STRIP 4.3t/a $3.23/t	CONTOUR STRIP 1.5t/a $1.35/t	
CONTOUR FARMING 3.7t/a $2.50/t	CONTOUR & RED.TL 2.1t/a $2.11/t	CONTOUR & NO-TIL 1.7t/a $1.98/t
TERRACE 3.5t/a $14.82/t	TERRACE &CONTOUR 2.1t/a $9.43/t	TERRACE &C.STRIP 0.9t/a $7.09/t
WINTER COVER 3.8t/a $6.70/t	WC & REDUCED TIL 1.6t/a $3.42/t	W.COVER & NO-TIL 1.6t/a $3.56/t
REDUCED TILLAGE 3.0t/a $1.20/t	RT & FIELD STRIP 2.5t/a $2.05/t	RT & CONT. STRIP 0.9t/a $1.75/t
NO-TILL 2.4t/a $1.08/t	NT & FIELD STRIP 2.0t/a $1.86/t	NT & CONT. STRIP 0.7t/a $1.77/t

All tillage and planting operations are assumed to be cross slope
Maximum stripcropping widths are 130 feet for field and 120 feet for contour
Reduced tillage minimum residue is 30 % No-till minimum residue is 30 %
Minimum residue requirement for corn silage may be met by adding manure
No-till is for the corn portion of the rotation only

Since EI is over 8 the field would be on highly erodible land (HEL)
To meet the requirements for conservation compliance under Food & Security A
Apply economically feasible conservation treatment that has a cost less thar
The estimated benefit for Soil Group 2 of $2.40/t
Rotational changes should also be considered where economically feasible.