Kansas RUSLE2 Training Exercise 3

FT continuous corn soil loss calculation to NT corn ST soybean rotation soil loss calculation

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: Gove cont corn Uly sl

STEP 1: Choose location to set climate: Location KSAREA1\Gove County

STEP 2: Choose soil type: Soil KSAREA1Soils\Gove\065UC ULY SILT LOAM, 2 TO 6 PERCENT SLOPES\ULY silt loam 100%

STEP 3: Set slope topography: Slope length (along slop 200 Avg. slope steepness, % 6.0

STEP 4a: Select base management Base management CMZ 24\a.Single Year/Single Crop Templates\Corn; grain\30 in\corn grain;FM,chisel_ st pt, fcult, z24

STEP 4b: Modify/build man. sequence if desired:

Management sequence

Man.	Management	Starting date, m/d/y	Ending date, m/d/y	Correct dates by:
+ -	...rop Templates\Corn; grain\30 in\corn grain;FM,chisel_ st pt, fcult, z24	11/1/1	10/15/2	===>

STEP 4c: adjust management inputs if desired:

Adjust yields open

General yield level Base yield

Adjust res. burial level Normal res. burial

Adjust ext. res. additions Residue inputs

Rock cover, % 0

Examine irrigation open

Apply rot. builder manag Apply

Save temp. management as perman Save

STEP 5: Set supporting practices:

Contouring a. rows up-and-down hill Actual row grade, % 6.0 Crit. slope length, ft

Strips/barriers (none)

Diversion/terrace, sediment basin (none)

Subsurface drainage (none)

Results | Additional Results

Soil loss for cons. plan, t/ac/yr 3.4

T value, t/ac/yr 5.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Finished calculating

R2_NRCS_Fld_Office NRCS simple SCI 122003 Area1mosesmaster

start D:\RUSLE2\RUSLE2 ... RUSLE2 Version 1.15... Exercise 3(rotation s... Microsoft PowerPoint... 10:13 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: Gove cont corn Uly sl*

STEP 1: Choose location to set climate: Location KSAREA1\Gove County

STEP 2: Choose soil type: Soil KSAREA1Soils\Gove\065UC ULY SILT LOAM, 2 TO 6 PERCENT SLOPES\ULY silt loam 100%

STEP 3: Set slope topography: Slope length (along slop 200 Avg. slope steepness, % 6.0

STEP 4a: Select base management Base management CMZ 24\a.Single Year/Single Crop Templates\Corn; grain\30 in\corn grain;FM,chisel_ st pt, fcult, z24

STEP 4b: Modify/build man. sequence if desired:

Management sequence

Man.	Management	Starting date, m/d/y	Ending date, m/d/y	Correct dates by:
1	...ingle Year/Single Crop Templates\Corn; grain\30 in\corn grain;NT z24	4/1/2	10/20/2	===>
2		11/1/2	10/15/3	===>

30 in
- corn grain; RT, z24
- corn grain;FConv,chisel_st pt, anhy,disk,fcult, z24
- corn grain;FConv,disk, anhy,disk,fcult, z24
- corn grain;FM,chisel_ st pt, fcult, z24
- corn grain;FM,disk, fcult, z24
- corn grain;FP z24
- corn grain;NT z24
- corn grain;NT,anhyd, z24
- corn grain;SConv, chisel_st pt, anhy, disk, fcult, z24

STEP 4c: adjust management inputs if desired:

Adjust yields open

General yield level Base yield

Adjust res. burial level Normal res. burial

Adjust ext. res. additions Residue inputs

Rock cover, % 0

Examine irrigation open

Apply rot. builder manag Apply

Save temp. management as perman Save

STEP 5: Set su

Actual row grade, % 6.0 Crit. slope length, ft

Strips/barriers (none)

Diversion/terrace, sediment basin (none)

Subsurface drainage (none)

Results | Additional Results

Soil loss for cons. plan, t/ac/yr 3.4

T value, t/ac/yr 5.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Finished calculating

R2_NRCS_Fld_Office | NRCS simple SCI 122003 | Area1mosesmaster

start | D:\RUSLE2\RUSLE2 ... | RUSLE2 Version 1.15... | Exercise 3(rotation s... | Microsoft PowerPoint... | 10:19 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: Gove cont corn Uly sl*

STEP 1: Choose location to set climate: Location KSAREA1\Gove County

STEP 2: Choose soil type: Soil KSAREA1Soils\Gove\065UC ULY SILT LOAM, 2 TO 6 PERCENT SLOPES\ULY silt loam 100%

STEP 3: Set slope topography: Slope length (along slop 200 Avg. slope steepness, % 6.0

STEP 4a: Select base management Base management CMZ 24\a.Single Year/Single Crop Templates\Corn; grain\30 in\corn grain;FM,chisel_ st pt, fcult, z24

STEP 4b: Modify/build man. sequence if desired:

Management sequence

Man.	Management	Starting date, m/d/y	Ending date, m/d/y	Correct dates by:
1	...ingle Year/Single Crop Templates\Corn; grain\30 in\corn grain;NT z24	4/1/2	10/20/2	===>
2	...rop Templates\Corn; grain\30 in\corn grain;FM,chisel_ st pt, fcult, z24	11/1/2	10/15/3	===>

soybeans; FP, z24
soybeans; Fconv, disk, fcult, z24
soybeans; Fconv,chisel st pt, disk, fcult, z24
soybeans; NT, z24
soybeans; SM,fcult, fcult, z24
soybeans; SP, z24
soybeans; ST, z24
soybeans; Sconv,chisel st pt, fcult, z24
soybeans; Sconv,disk, fcult, z24
Double crop

STEP 4c: adjust management inputs if desired:

Adjust yields open

General yield level Base yield

Adjust res. burial level Normal res. burial

Adjust ext. res. additions Residue inputs

Rock cover, % 0

Examine irrigation open

Apply rot. builder manag Apply

Save temp. management as perman Save

STEP 5: Set su

Actual row grade, % 6.0 Crit. slope length, ft

Strips/barriers (none)

Diversion/terrace, sediment basin (none)

Subsurface drainage (none)

Results | Additional Results

Soil loss for cons. plan, t/ac/yr 3.4

T value, t/ac/yr 5.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Finished calculating

R2_NRCS_Fld_Office NRCS simple SCI 122003 Area1mosesmaster

start D:\RUSLE2\RUSLE2 ... RUSLE2 Version 1.15... Exercise 3(rotation s... Microsoft PowerPoint... 10:21 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: Gove cont corn Uly sl*

STEP 1: Choose location to set climate: Location KSAREA1\Gove County

STEP 2: Choose soil type: Soil KSAREA1Soils\Gove\065UC ULY SILT LOAM, 2 TO 6 PERCENT SLOPES\ULY silt loam 100%

STEP 3: Set slope topography: Slope length (along slop 200 Avg. slope steepness, % 6.0

STEP 4a: Select base management Base management CMZ 24\a.Single Year/Single Crop Templates\Corn; grain\30 in\corn grain;FM,chisel_ st pt, fcult, z24

STEP 4b: Modify/build man. sequence if desired:

Management sequence

Man.	Management	Starting date, m/d/y	Ending date, m/d/y	Correct dates by:
1	...ingle Year/Single Crop Templates\Corn; grain\30 in\corn grain;NT z24	4/1/2	10/20/2	===>
2	...rop Templates\Corn; grain\30 in\corn grain;FM,chisel_ st pt, fcult, z24	11/1/2	10/15/3	===>

STEP 4c: adjust management inputs if desired:

Adjust yields open

General yield level Base yield

Adjust res. burial level Normal res. burial

Adjust ext. res. additions Residue inputs

Rock cover, % 0

Examine irrigation open

Apply rot. builder manag Apply

Save temp. management as permane Save

Apply

STEP 5: Set supporting practices:

Contouring a. rows up-and-down hill Actual row grade, % 6.0 Crit. slope length, ft

Strips/barriers (none)

Diversion/terrace, sediment basin (none)

Subsurface drainage (none)

Results | Additional Results

Soil loss for cons. plan, t/ac/yr 3.4

T value, t/ac/yr 5.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Finished calculating

R2_NRCS_Fld_Office NRCS simple SCI 122003 Area1mosesmaster

start D:\RUSLE2\RUSLE2 ... RUSLE2 Version 1.15... Exercise 3(rotation s... Microsoft PowerPoint... 10:23 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: Gove cont corn Uly sl*

STEP 1: Choose location to set climate: Location KSAREA1\Gove County

STEP 2: Choose soil type: Soil KSAREA1Soils\Gove\065UC ULY SILT LOAM, 2 TO 6 PERCENT SLOPES\ULY silt loam 100%

STEP 3: Set slope topography: Slope length (along slop 200 Avg. slope steepness, % 6.0

STEP 4a: Select base management Base management CMZ 24\a.Single Year/Single Crop Templates\Corn; grain\30 in\corn grain;FM,chisel_ st pt, fcult, z24

STEP 4b: Modify/build man. sequence if desired:

Management sequence

Man. +	Man. -	Management	Starting date, m/d/y	Ending date, m/d/y	Correct dates by:
1		...ingle Year/Single Crop Templates\Corn; gra			
2		...ngle Crop Templates\Soybeans\30 in\soybe			

STEP 4c: adjust management inputs if desired:

Adjust yields open

General yield level Base yield

Adjust res. burial level Normal res. burial

ust ext. res. additions Residue inputs

Rock cover, % 0

Examine irrigation open

Apply rot. builder manag Apply

ve temp. management as perman Save

Rename cloned file

New filename:

corn grain;FM,chisel_ st pt, fcult, z24#2

OK Cancel Help

STEP 5: Set supporting practices:

Contouring a. rows up-and-down hill Actual row grade, % 6.0 Crit. slope length, ft

Strips/barriers (none)

Diversion/terrace, sediment basin (none)

Subsurface drainage (none)

Results Additional Results

Soil loss for cons. plan, t/ac/yr 3.4

T value, t/ac/yr 5.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Finished calculating

R2_NRCS_Fld_Office NRCS simple SCI 122003 Area1mosesmaster

start D:\RUSLE2\RUSLE2 ... RUSLE2 Version 1.15... Exercise 3(rotation s... Microsoft PowerPoint... 10:31 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: Gove cont corn Uly sl*

STEP 1: Choose location to set climate: Location KSAREA1\Gove County

STEP 2: Choose soil type: Soil KSAREA1Soils\Gove\065UC ULY SILT LOAM, 2 TO 6 PERCENT SLOPES\ULY silt loam 100%

STEP 3: Set slope topography: Slope length (along slop 200 Avg. slope steepness, % 6.0

STEP 4a: Select base management Base management CMZ 24\a.Single Year/Single Crop Templates\Corn; grain\30 in\corn grain;FM,chisel_ st pt, fcult, z24

STEP 4b: Modify/build man. sequence if desired:

Management sequence

Man.	Management	Starting date, m/d/y	Ending date, m/d/y	Correct dates by:
1	...ingle Year/Single Crop Templates\Corn; gra			
2	...ngle Crop Templates\Soybeans\30 in\soybe			

STEP 4c: adjust management inputs if desired:

Adjust yields open

General yield level Base yield

Adjust res. burial level Normal res. burial

ust ext. res. additions Residue inputs

Rock cover, % 0

Examine irrigation open

Apply rot. builder manag Apply

ve temp. management as perman Save

Rename cloned file

New filename:

Corn NT Soybean ST Gove

OK Cancel Help

STEP 5: Set supporting practices:

Contouring a. rows up-and-down hill Actual row grade, % 6.0 Crit. slope length, ft

Strips/barriers (none)

Diversion/terrace, sediment basin (none)

Subsurface drainage (none)

Results Additional Results

Soil loss for cons. plan, t/ac/yr 3.4

T value, t/ac/yr 5.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Finished calculating

R2_NRCS_Fld_Office NRCS simple SCI 122003 Area1mosesmaster

start D:\RUSLE2\RUSLE2 ... RUSLE2 Version 1.15... Exercise 3(rotation s... Microsoft PowerPoint... 10:32 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: Gove cont corn Uly sl*

STEP 1: Choose location to set climate: Location KSAREA1\Gove County

STEP 2: Choose soil type: Soil KSAREA1Soils\Gove\065UC ULY SILT LOAM, 2 TO 6 PERCENT SLOPES\ULY silt loam 100%

STEP 3: Set slope topography: Slope length (along slop 200 Avg. slope steepness, % 6.0

STEP 4a: Select base management Base management temp\Corn NT Soybean ST Gove

STEP 4b: Modify/build man. sequence if desired:

Management sequence

Man.	Management	Starting date, m/d/y	Ending date, m/d/y	Correct dates by:
1	...ingle Year/Single Crop Templates\Corn; grain\30 in\corn grain;NT z24	4/1/2	10/20/2	===>
2	...ngle Crop Templates\Soybeans\30 in\soybeans; Sconv,disk, fcult, z24	4/20/3	10/10/3	===>

STEP 4c: adjust management inputs if desired:

Adjust yields open

General yield level Base yield

Adjust res. burial level Normal res. burial

Adjust ext. res. additions Residue inputs

Rock cover, % 0

Examine irrigation open

Apply rot. builder manag Apply

Save temp. management as perm Save

STEP 5: Set supporting practices:

Contouring a. rows up-and-down hill

Actual row grade, % 6.0

Crit. slope length, ft

Strips/barriers (none)

Diversion/terrace, sediment basin (none)

Subsurface drainage (none)

Results | Additional Results

Soil loss for cons. plan, t/ac/yr 4.5

T value, t/ac/yr 5.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Finished calculating

R2_NRCS_Fld_Office | NRCS simple SCI 122003 | Area1mosesmaster

start | D:\RUSLE2\RUSLE2 ... | RUSLE2 Version 1.15... | Exercise 3(rotation s... | Microsoft PowerPoint... | 10:33 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: Gove cont corn Uly sl*

STEP 1: Choose location to set climate: Location KSAREA1\Gove County

STEP 2: Choose soil type:

STEP 3: Set slope topograph

STEP 4a: Select base manag

STEP 4b: Modify/build man. s

Man.

1 ...ingle Year/S

2 ...ngle Crop T

STEP 5: Set supporting pract

Cor

Strips/

Diversion/terrace, sedimer

Subsurface d

Save object into managements

Wheat grain, after corn; FM, chisel, anhy, fcult z24#2

Wheat grain, after spr crop; Fconv, disk, disk, fcult, z24#2

Wheat grain,burn;Alf.3yrs Fconv, disk, disk, fcult, z24#2

Wheat, winter; 14" rows,grain sorg, fallow Z24

managements\temp

Save

Name: Corn NT Soybean ST Gove

Cancel

s if desired:

Base yield

ormal res. burial

due inputs

0

open

Apply

Save

Results Additional Results

Soil loss for cons. plan, t/ac/yr 4.5

T value, t/ac/yr 5.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Calculating: Set up slope

R2_NRCS_Fld_Office NRCS simple SCI 122003 Area1mosesmaster

start D:\RUSLE2\RUSLE2 ... RUSLE2 Version 1.15... Exercise 3(rotation s... Microsoft PowerPoint... 10:34 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: Gove cont corn Uly sl*

STEP 1: Choose location to set climate: Location KSAREA1\Gove County

STEP 2: Choose soil type:

STEP 3: Set slope topograph

STEP 4a: Select base manag

STEP 4b: Modify/build man. s

Man.

1 ...ingle Year/S

2 ...ngle Crop T

STEP 5: Set supporting pract

Cor

Strips/

Diversion/terrace, sedimer

Subsurface d

Save object into managements

CMZ 05

CMZ 15

CMZ 24

Example Multiyear Rotations

Example Single Year Crops

Strip/Barrier Managements

temp

default

Double Click

managements

Save

Name: Corn NT Soybean ST Gove

Cancel

s if desired:

Base yield

ormal res. burial

due inputs

0

open

Apply

Save

Results Additional Results

Soil loss for cons. plan, t/ac/yr 4.5

T value, t/ac/yr 5.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Calculating: Set up slope

R2_NRCS_Fld_Office NRCS simple SCI 122003 Area1mosesmaster

start D:\RUSLE2\RUSLE2 ... RUSLE2 Version 1.15... Exercise 3(rotation s... Microsoft PowerPoint... 10:35 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: Gove cont corn Uly sl*

STEP 1: Choose location to set climate: Location KSAREA1\Gove County

STEP 2: Choose soil type:

STEP 3: Set slope topograph

STEP 4a: Select base manag

STEP 4b: Modify/build man. s

Man.

1 ...ingle Year/S

2 ...ngle Crop T

STEP 5: Set supporting pract

Cor

Strips/

Diversion/terrace, sedimer

Subsurface d

Save object into managements

a.Single Year/Single Crop Templates

b.Multi-year Rotation Templates

c.Other Local Mgt Records

Select

managements\CMZ 24

Save

Name: Corn NT Soybean ST Gove

Cancel

s if desired:

Base yield

ormal res. burial

due inputs

0

open

Apply

Save

Results Additional Results

Soil loss for cons. plan, t/ac/yr 4.5

T value, t/ac/yr 5.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Calculating: Set up slope

R2_NRCS_Fld_Office NRCS simple SCI 122003 Area1mosesmaster

start D:\RUSLE2\RUSLE2 ... RUSLE2 Version 1.15... Exercise 3(rotation s... Microsoft PowerPoint... 10:36 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: Gove cont corn Uly sl*

STEP 1: Choose location to set climate: Location KSAREA1\Gove County

STEP 2: Choose soil type:

STEP 3: Set slope topograph

STEP 4a: Select base manag

STEP 4b: Modify/build man. s

Man.

1 ...ingle Year/S

2 ...ngle Crop T

STEP 5: Set supporting pract

Cor

Strips/

Diversion/terrace, sedimen

Subsurface d

Save object into managements

Wheat Sorghum Exercise

default

Add File Name

managements\CMZ 24\c.Other Local Mgt Records

Save

Name: Corn NT Soybean ST Gove

Cancel

Results Additional Results

Soil loss for cons. plan, t/ac/yr 4.5

T value, t/ac/yr 5.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Calculating: Set up slope

R2_NRCS_Fld_Office NRCS simple SCI 122003 Area1mosesmaster

start D:\RUSLE2\RUSLE2 ... RUSLE2 Version 1.15... Exercise 3(rotation s... Microsoft PowerPoint... 10:37 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: Gove cont corn Uly sl*

STEP 1: Choose location to set climate: Location KSAREA1\Gove County

STEP 2: Choose soil type: Soil KSAREA1Soils\Gove\065UC ULY SILT LOAM, 2 TO 6 PERCENT SLOPES\ULY silt loam 100%

STEP 3: Set slope topography: Slope length (along slop 200 Avg. slope steepness, % 6.0

STEP 4a: Select base management Base management CMZ 24\c.Other Local Mgt Records\Corn NT Soybean ST Gove

STEP 4b: Modify/build man. sequence if desired:

Management sequence

Man.	Management	Starting date, m/d/y	Ending date, m/d/y	Correct dates by:
1	...ingle Year/Single Crop Templates\Corn; grain\30 in\corn grain;NT z24	4/1/2	10/20/2	===>
2	...ngle Crop Templates\Soybeans\30 in\soybeans; Sconv,disk, fcult, z24	4/20/3	10/10/3	===>

STEP 4c: adjust management inputs if desired:

Adjust yields open

General yield level Base yield

Adjust res. burial level Normal res. burial

Adjust ext. res. additions Residue inputs

Rock cover, % 0

To Change yields

Examine irrigation open

Apply rot. builder manag Apply

Save temp. management as perman Save

STEP 5: Set supporting practices:

Contouring a. rows up-and-down hill Actual row grade, % 6.0 Crit. slope length, ft

Strips/barriers (none)

Diversion/terrace, sediment basin (none)

Subsurface drainage (none)

Results | Additional Results

Soil loss for cons. plan, t/ac/yr 4.5

T value, t/ac/yr 5.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Finished calculating

R2_NRCS_Fld_Office NRCS simple SCI 122003 Area1mosesmaster

start D:\RUSLE2\RUSLE2 ... RUSLE2 Version 1.15... Exercise 3(rotation s... Microsoft PowerPoint... 10:38 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: Gove cont corn Uly sl*

STEP 1: Choose location to set climate: Location KSAREA1\Gove County

STEP 2: Choose soil type: Soil KSAREA1Soils\Gove\065UC ULY SILT LOAM, 2 TO 6 PERCENT SLOPES\ULY silt loam 100%

STEP 3: Set slope topography: Slope length (along slop 200 Avg. slope steepness, % 6.0

STEP 4a: Select base management Base management CMZ 24\c.Other Local Mgt Records\Corn NT Soybean ST Gove

STEP 4b: Modify/build man. sequence if desired:

Management sequence

Man.	Management	Starting date, m/d/y	Ending date, m/d/y	Correct dates by:
1	...ingle Year/Single Crop Templates\Corn; grain\30 in\corn grain;NT z24	4/1/2	10/20/2	===>
2	...ngle Crop Templates\Soybeans\30 in\soybeans; Sconv,disk, fcult, z24	4/20/3	10/10/3	===>

STEP 4c: adjust management inputs if desired:

Adjust yields open

General yield level Set by user

Adjust res. burial level Normal res. burial

Adjust ext. res. additions Residue inputs

Rock cover, % 0

Examine irrigation open

Apply rot. builder manag Apply

temp. management as perman Save

Change to Set by User then Adjust yield

STEP 5: Set supporting practices:

Contouring a. rows up-and-down hill Actual row grade, % 6.0 Crit. slope length, ft

Strips/barriers (none)

Diversion/terrace, sediment basin (none)

Subsurface drainage (none)

Results | Additional Results

Soil loss for cons. plan, t/ac/yr 4.5

T value, t/ac/yr 5.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Finished calculating

R2_NRCS_Fld_Office NRCS simple SCI 122003 Area1mosesmaster

start D:\RUSLE2\RUSLE2 ... RUSLE2 Version 1.15... Exercise 3(rotation s... Microsoft PowerPoint... 10:40 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: Gove cont corn Uly sl*

STEP 1: Choose location to set climate: Location KSAREA1\Gove County

STEP 2: Choose

STEP 3: Set slop

STEP 4a: Select

STEP 4b: Modify

Man.

1

2

Profile: Yields (Adjust yields[1]) of Gove cont corn Uly sl*

Yield values

Management	Date	Operation	Vegetation	Yield units	Yield (# of units)
...cords\Corn NT Soybean ST Gove	4/15/2	operations\Planter, double disk opnr	vegetations\Corn, grain	bushels	112.00
...cords\Corn NT Soybean ST Gove	5/10/3	operations\planter, double disk opnr	vegetations\Soybean, mw 30 in rows	bu	30.000

Apply rot. builder manag Apply

Save temp. management as perman Save

STEP 5: Set supporting practices:

Contouring a. rows up-and-down hill

Actual row grade, % 6.0

Crit. slope length, ft

Strips/barriers (none)

Diversion/terrace, sediment basin (none)

Subsurface drainage (none)

Results Additional Results

Soil loss for cons. plan, t/ac/yr 4.5

T value, t/ac/yr 5.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Finished calculating

R2_NRCS_Fld_Office NRCS simple SCI 122003 Area1mosesmaster

start D:\RUSLE2\RUSLE2 ... RUSLE2 Version 1.15... Exercise 3(rotation s... Microsoft PowerPoint... 10:42 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: Gove cont corn Uly sl*

Profile: Yields (Adjust yields[1]) of Gove cont corn Uly sl*

Yield values

Management	Date	Operation	Vegetation	Yield units	Yield (# of units)
...cords\Corn NT Soybean ST Gove	4/15/2	operations\Planter, double disk opnr	vegetations\Corn, grain	bushels	90
...cords\Corn NT Soybean ST Gove	5/10/3	operations\planter, double disk opnr	vegetations\Soybean, mw 30 in rows	bu	30.000

Change yield

STEP 1: C

STEP 2: C

STEP 3: S

STEP 4a:

STEP 4b:

Man

1

2

ed:

user

s. burial

uts

Examine irrigation open

Apply rot. builder manag Apply

Save temp. management as perman Save

STEP 5: Set supporting practices:

Contouring a. rows up-and-down hill

Actual row grade, % 6.0

Crit. slope length, ft

Strips/barriers (none)

Diversion/terrace, sediment basin (none)

Subsurface drainage (none)

Results Additional Results

Soil loss for cons. plan, t/ac/yr 4.5

T value, t/ac/yr 5.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Finished calculating

R2_NRCS_Fld_Office NRCS simple SCI 122003 Area1mosesmaster

start D:\RUSLE2\RUSLE2 ... RUSLE2 Version 1.15... Exercise 3(rotation s... Microsoft PowerPoint... 10:41 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: Gove cont corn Uly sl*

STEP 1: Choose location to set climate: Location KSAREA1\Gove County

STEP 2: Choose soil type: Soil KSAREA1Soils\Gove\065UC ULY SILT LOAM, 2 TO 6 PERCENT SLOPES\ULY silt loam 100%

STEP 3: Set slope topography: Slope length (along slop 200 Avg. slope steepness, % 6.0

STEP 4a: Select base management Base management CMZ 24\c.Other Local Mgt Records\Corn NT Soybean ST Gove

STEP 4b: Modify/build man. sequence if desired:

Management sequence

Man.	Management	Starting date, m/d/y	Ending date, m/d/y	Correct dates by:
1	...ingle Year/Single Crop Templates\Corn; grain\30 in\corn grain;NT z24	4/1/2	10/20/2	===>
2	...ngle Crop Templates\Soybeans\30 in\soybeans; Sconv,disk, fcult, z24	4/20/3	10/10/3	===>

STEP 4c: adjust management inputs if desired:

Adjust yields open

General yield level Set by user

Adjust res. burial level Normal res. burial

Adjust ext. res. additions Residue inputs

Rock cover, % 0

Step 7

Examine irrigation open

Apply rot. builder manag Apply

Save temp. management as perman Save

STEP 5: Set supporting practices:

Contouring a. rows up-and-down hill Actual row grade, % 6.0 Crit. slope length, ft

Strips/barriers (none)

Diversion/terrace, sediment basin (none)

Subsurface drainage (none)

Results | Additional Results

Soil loss for cons. plan, t/ac/yr 5.5

T value, t/ac/yr 5.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Finished calculating

R2_NRCS_Fld_Office NRCS simple SCI 122003 Area1mosesmaster

start D:\RUSLE2\RUSLE2 ... RUSLE2 Version 1.15... Exercise 3(rotation s... Microsoft PowerPoint... 10:44 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: Gove cont corn Uly sl*

STEP 1: Choose location to set climate: Location KSAREA1\Gove County

STEP 2: Choose soil type: Soil KSAREA1Soils\Gove\065UC ULY SILT LOAM, 2 TO 6 PERCENT SLOPES\ULY silt loam 100%

STEP 3: Set slope topography: Slope length (along slop 200 Avg. slope steepness, % 6.0

STEP 4a: Select base management Base management CMZ 24\c.Other Local Mgt Records\Corn NT Soybean ST Gove

STEP 4b: Modify/build man. sequence if desired:

Management sequence

Man.	Management	Starting date, m/d/y	Ending date, m/d/y	Correct dates by:
1	...ingle Year/Single Crop Templates\Corn; grain\30 in\corn grain;NT z24	4/1/2	10/20/2	===>
2	...ngle Crop Templates\Soybeans\30 in\soybeans; Sconv,disk, fcult, z24	4/20/3	10/10/3	===>

STEP 4c: adjust management inputs if desired:

Adjust yields open

General yield level Set by user

Adjust res. burial level bury 30% less than normal

Adjust ext. res. additions Residue inputs

Rock cover, % 0

Examine irrigation open

Apply rot. builder manag Apply

Save temp. management as perman Save

STEP 5: Set supporting practices:

Contouring a. rows up-and-down hill Actual row grade, % 6.0 Crit. slope length, ft

Strips/barriers (none)

Diversion/terrace, sediment basin (none)

Subsurface drainage (none)

Results | Additional Results

Soil loss for cons. plan, t/ac/yr 5.1

T value, t/ac/yr 5.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Finished calculating

R2_NRCS_Fld_Office NRCS simple SCI 122003 Area1mosesmaster

start D:\RUSLE2\RUSLE2 ... RUSLE2 Version 1.15... Exercise 3(rotation s... Microsoft PowerPoint... 10:44 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: Gove cont corn Uly sl*

STEP 1: Choose location to set climate: Location KSAREA1\Gove County

STEP 2: Choose soil type:

STEP 3: Set slope topograph

STEP 4a: Select base manag

STEP 4b: Modify/build man. s

Man.

1 ...ingle Year/S

2 ...ngle Crop T

STEP 5: Set supporting pract

Cor

Strips/

Diversion/terrace, sedimer

Subsurface d

Save object into profiles

default

Rename File and Save

profiles

Name: Corn NT Soybean ST Gove

Save

Cancel

Set by user

0% less than normal

due inputs

0

open

Apply

Save

Results Additional Results

Soil loss for cons. plan, t/ac/yr 5.1

T value, t/ac/yr 5.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

For Help, press F1

R2_NRCS_Fld_Office NRCS simple SCI 122003 Area1mosesmaster

start D:\RUSLE2\RUSLE2 ... RUSLE2 Version 1.15... Exercise 3(rotation s... Microsoft PowerPoint... 10:46 AM