# Kansas RUSLE2 Training Exercise 2

Continuous Corn Soil Loss Calculation

RUSLE2 Version 1.15.0.0 (Jan 20 2004)

File Database Edit View Options Window Help

Auto update

Step 1

Finished calculating

R2_NRCS_Sta_Agron | NRCS simple SCI 102103 | 112403_NRCS_BASE_moses

start | Microsoft PowerPoint ... | RUSLE2 Version 1.15.... | 9:07 AM

RUSLE2 Version 1.15.0.0 (Jan 20 2004)

File Database Edit View Options Window Help

Auto update

**Open object from profiles**

Training Exercise 7 example

default

profiles

Open

Name: default

Cancel

For Help, press F1

R2_NRCS_Sta_Agron | NRCS simple SCI 102103 | 112403_NRCS_BASE_moses

start | Microsoft PowerPoint ... | RUSLE2 Version 1.15.... | 9:08 AM

RUSLE2 Version 1.15.0.0 (Jan 20 2004) - [Profile: default]

File Database Edit View Options Window Help

Auto update

STEP 1: Choose location to set climate: Location default

STEP 2: Choose soil type: Soil default

STEP 3: Set slope topography: Slope length (along slop 150 Avg. slope steepness, % 6.0

STEP 4a: Select base management Base management default

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 | default | 1/1/1 | 1/1/1 | ===> |

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

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 0

T value, t/ac/yr 3.0

Surf. res. cov. values open

Soil conditioning index

Info

Finished calculating

R2_NRCS_Sta_Agron NRCS simple SCI 102103 112403_NRCS_BASE_moses

start Microsoft PowerPoint ... RUSLE2 Version 1.15.... 9:08 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: default

STEP 1: Choose location to set climate: Location sample

KSAREA1
default
sample

STEP 2: Choose soil type: Soil Soils\silt loam (l-m OM)

STEP 3: Set slope topography: Slope length (along slop 6.0

STEP 4a: Select base management Base management e Year Crops\Corn grain; FP

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

| Man. | Management | Correct dates by: |
|---|---|---|
| 1 | Example Single Year Crops\Cor | ===> |

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 10

T value, t/ac/yr 3.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Finished calculating

R2_NRCS_Fld_Office | NRCS simple SCI 122003 | Area1mosesmaster

start | C:\Program Files\USD... | Microsoft PowerPoint ... | RUSLE2 Version 1.15.... | 11:16 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: default

STEP 1: Choose location to set climate: Location sample

STEP 2: Choose soil type: Soil Soils\silt loam (l-m OM)

STEP 3: Set slope topography: Slope length (along slop 6.0

STEP 4a: Select base management Base management e Year Crops\Corn grain; FP

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

Man. Management Correct dates by:

1 Example Single Year Crops\Cor ===>

KSAREA1
- Adjacent Ks. Counties
- Adjacent Ne. Counties
- Cheyenne County
- Decatur County
- Ellis County
- Gove County
- Graham County
- Logan County
- Norton County
- Osborne County

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 10

T value, t/ac/yr 3.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Finished calculating

R2_NRCS_Fld_Office | NRCS simple SCI 122003 | Area1mosesmaster

start | C:\Program Files\USD... | Microsoft PowerPoint ... | RUSLE2 Version 1.15.... | 11:15 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: default*

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

STEP 2: Choose soil type: Soil Generic Soils\silt loam (l-m OM)

STEP 3: Set slope topography: Slope length (along slop

STEP 4a: Select base management Base management

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

Man. Management

1 Example Single Year Crops\Cor

- silty clay (low-mod OM, less than 50 percent clay
- silty clay (mod-high OM, less than 50 percent clay
- silty clay loam (high OM)
- silty clay loam (low-mod OM)
- silty clay loam (low-mod OM,subsoil, substratum)
- silty clay loam (low-mod OM,v. slow perm)
- silty clay loam (mod-high OM)
- silty clay loam (mod-high OM) .37 B
- silty clay loam (mod-high OM, v. slow perm)
- KSAREA1Soils
- default

if desired:

Base yield

mal res. burial

ue inputs

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 8.6

T value, t/ac/yr 3.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Finished calculating

R2_NRCS_Fld_Office | NRCS simple SCI 122003 | Area1mosesmaster

start | C:\Program Files\USD... | Microsoft PowerPoint ... | RUSLE2 Version 1.15.... | 11:16 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: default*

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

STEP 2: Choose soil type: Soil Generic Soils\silt loam (l-m OM)

STEP 3: Set slope topography: Slope length (along slop

STEP 4a: Select base management Base management

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

Man. Management

1 Example Single Year Crops\Cor

- Gove
  - 065HW HUMBARGER LOAM, OCCASIONALLY FLOODED
  - 065IM INAVALE LOAMY SAND, OCCASIONALLY FLOODED
  - 065MU MUNJOR SANDY LOAM, OCCASIONALLY FLOODED
  - 065PO PENDEN-ULY COMPLEX, 7 TO 20 PERCENT SLOPES
  - 065UC ULY SILT LOAM, 2 TO 6 PERCENT SLOPES
    - ULY silt loam 100%
  - 101EK ELKADER SILT LOAM, 1 TO 4 PERCENT SLOPES
  - 101RN RICHFIELD SILT LOAM, 1 TO 3 PERCENT SLOPES
  - 101UD ULYSSES SILT LOAM, 6 TO 15 PERCENT SLOPES
  - 101UM ULYSSES-COLBY SILT LOAMS, 3 TO 6 PERCENT SLOPES, ERODED

if desired:

Base yield

mal res. burial

ue inputs

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 8.6

T value, t/ac/yr 3.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Finished calculating

R2_NRCS_Fld_Office | NRCS simple SCI 122003 | Area1mosesmaster

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RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: default*

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 Example Single Year Crops\Corn grain; FP

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 | Example Single Year Crops\Corn grain; FP | 11/1/1 | 10/20/2 | ===> |

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 8.6

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

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RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: default*

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:

Man. Management

1 ...rop Templates\Corn; grain\30 in\corn grain;F

- CMZ 24
  - a.Single Year/Single Crop Templates
    - Alfalfa; Late Summer Seed
    - Alfalfa; Spring Seed
    - Corn; grain
      - 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

if desired:

Base yield

mal res. burial

ue inputs

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

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RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: default*

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 | ...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 C:\Program Files\USD... Microsoft PowerPoint ... RUSLE2 Version 1.15.... 11:35 AM

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Profile: default*

Save As

STEP 1: C

STEP 2: Choose soil type:

STEP 3: Set slope topograph

STEP 4a: Select base manag

STEP 4b: Modify/build man. s

Location KSAREA1\Gove County

Man.

1 ...rop Templa

Save object into profiles

default

Step 7

Rename Profile

profiles

Name: Gove cont corn Uly sl

Save

Cancel

s if desired:

Base yield

ormal res. burial

due inputs

0

open

Apply

Save

STEP 5: Set supporting pract

Con

Strips/

Diversion/terrace, sedimen

Subsurface d

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

For Help, press F1

R2_NRCS_Fld_Office NRCS simple SCI 122003 Area1mosesmaster

start C:\Program Files\USD Microsoft PowerPoint RUSLE2 Version 1.15

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 | ...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

Output #3

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)

Output #4

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 C:\Program Files\USD... Microsoft PowerPoint ... RUSLE2 Version 1.15.... 12:07 PM

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: Surf. cover (Surf. res. cov. values[1]) of Gove cont corn Uly sl

Residue by op

| Op. number | Date | Operation | Vegetation | Surf. res. cov. after op, % |
|---|---|---|---|---|
| 1 | 11/1/0 | \Chisel, st. pt. | | 60 |
| 2 | 4/14/1 | \Cultivator, field 6-12 in sweeps | | 45 |
| 3 | 4/15/1 | \planter, double disk opnr | \Corn, grain | 41 |
| 4 | 10/15/1 | ..., killing crop 50pct standing stubble | | 88 |

Man. seq. 1

Output #3

SLOPES\ULY silt loam 100%

grain;FM,chisel_ st pt, 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 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 | C:\Documents and S... | Microsoft PowerPoint... | RUSLE2 Version 1.15... | Exercise 2(contcorn ... | 12:15 PM

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

Soil KSAREA1Soils\Gove\065UC ULY SILT LOAM, 2 TO 6 PERCENT SLOPES\ULY silt loam 100%

200 Avg. slope steepness, % 6.0

CMZ 24\a.Single Year/Single Crop Templates\Corn; grain\30 in\corn grain;FM,chisel_ st pt, fcult, z24

Profile: Soil conditioning...

Wind & irrigation-induce 0

SCI OM subfactor 0.75
SCI FO subfactor 0.29
SCI ER subfactor -0.33

STIR value 71.49

Soil conditioning index (SCI) 0.4

Output #4

t sequence

| | Starting date, m/d/y | Ending date, m/d/y | Correct dates by: |
|---|---|---|---|
| M,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 C:\Documents and S... Microsoft PowerPoint... RUSLE2 Version 1.15... Exercise 2(contcorn ... 12:19 PM

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 | ...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 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

Save temp. management as perman Save

Change to Set by User

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 C:\Documents and S... Microsoft PowerPoint... RUSLE2 Version 1.15... Exercise 2(contcorn ... 12:35 PM

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 | ...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 Set by user

Adjust res. burial level Normal res. burial

Adjust ext. res. additions Residue inputs

Rock cover, % 0

Change yield

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 C:\Documents and S... Microsoft PowerPoint... RUSLE2 Version 1.15... Exercise 2(contcorn ... 12:37 PM

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 topograph

STEP 4a: Select base manag

STEP 4b: Modify/build man. s

| Man. | |
|---|---|
| + - | |
| 1 | ...rop Templat |

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

Yield values

| Management | Date | Operation | Vegetation | Yield units | Yield (# of units) |
|---|---|---|---|---|---|
| ...rn grain;FM,chisel_ st pt, fcult, z24 | 4/15/2 | operations\planter, double disk opnr | vegetations\Corn, grain | bushels | 90.000 |

Change 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: 4.6

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 — Area1mosesmast

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 | ...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 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

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 4.6

T value, t/ac/yr 5.0

Surf. res. cov. values open

Soil conditioning index Soil conditioning index

Info

Finished calculating

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