

United States Department of Agriculture

Natural Resources Conservation Service

South Carolina



RUSLE2

User's Manual for the RUSLE2 Worksheet





This is your RUSLE2 opening screen

First, I recommend to create a customer folder for your client where you can save the soil loss calculations in the operation.

Click on Database and select Rearrange...

Change Database

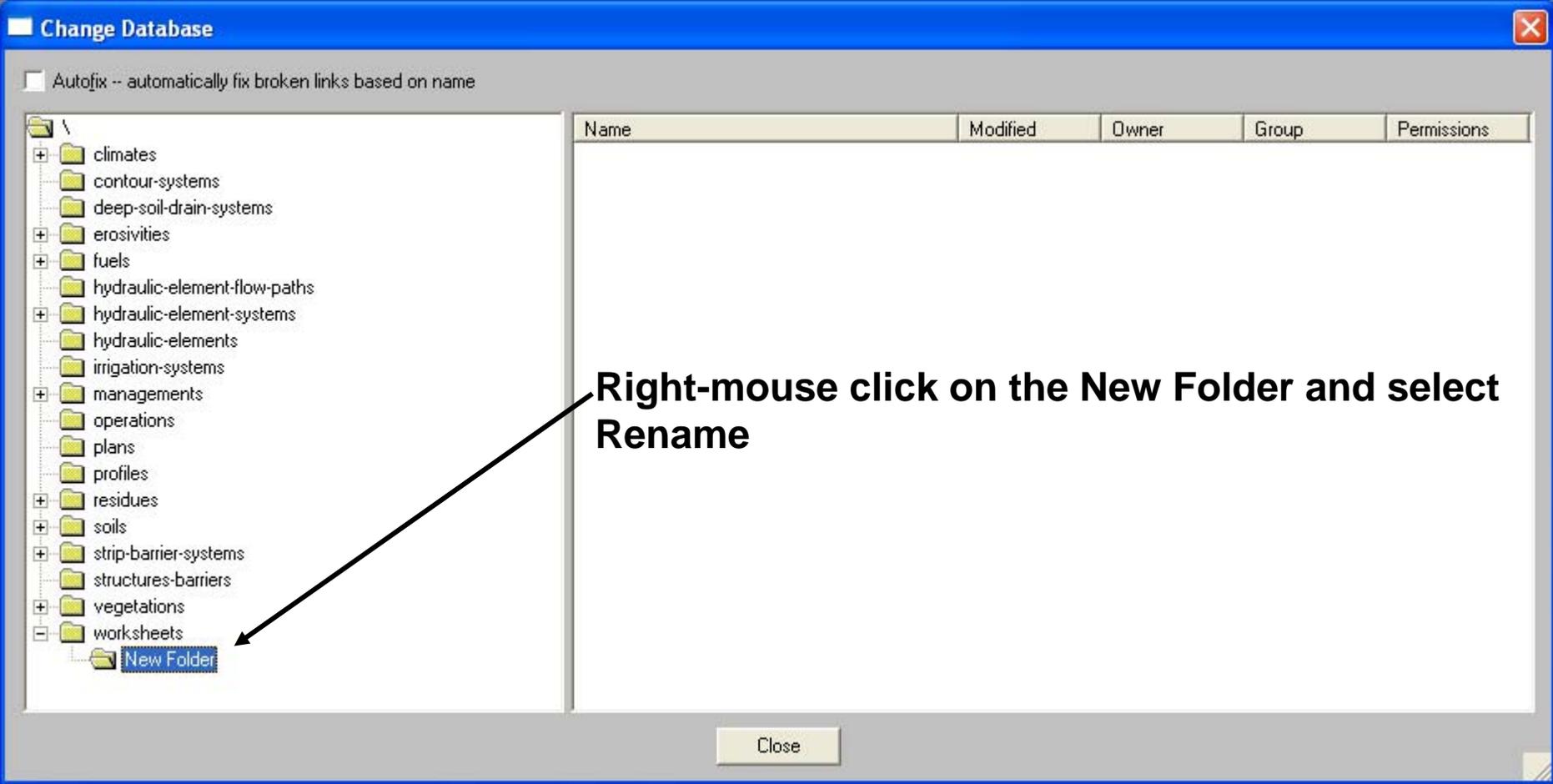
Autofix -- automatically fix broken links based on name

- \
- climates
- contour-systems
- deep-soil-drain-systems
- erosivities
- fuels
- hydraulic-element-flow-paths
- hydraulic-element-systems
- hydraulic-elements
- irrigation-systems
- managements
- operations
- plans
- profiles
- residues
- soils
- strip-barrier-systems
- structures-barriers
- vegetations
- worksheets
- New Folder

Name	Modified	Owner	Group	Permissions
------	----------	-------	-------	-------------

Right-mouse click on the worksheets folder and select New Folder

Close



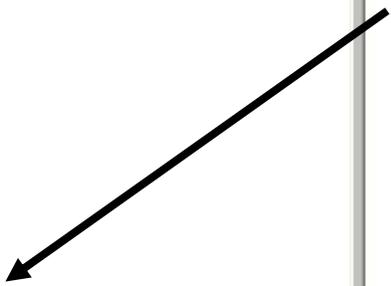
Change Database

Autofix -- automatically fix broken links based on name

- \
- climates
- contour-systems
- deep-soil-drain-systems
- erosivities
- fuels
- hydraulic-element-flow-paths
- hydraulic-element-systems
- hydraulic-elements
- irrigation-systems
- managements
- operations
- plans
- profiles
- residues
- soils
- strip-barrier-systems
- structures-barriers
- vegetations
- worksheets
- Blossom Farm

Name	Modified	Owner	Group	Permissions
------	----------	-------	-------	-------------

Type in the name of your client



Close

Change Database

Autofix -- automatically fix broken links based on name

- contour-systems
- deep-soil-drain-systems
- + erosivities
- + fuels
- hydraulic-element-flow-paths
- + hydraulic-element-systems
- hydraulic-elements
- irrigation-systems
- + managements
- operations
- plans
- profiles
- + residues
- + soils
- + strip-barrier-systems
- structures-barriers
- + vegetations
- worksheets
 - Blossom Farm
 - Tract 1523
 - Tract 2698
 - Tract 3674

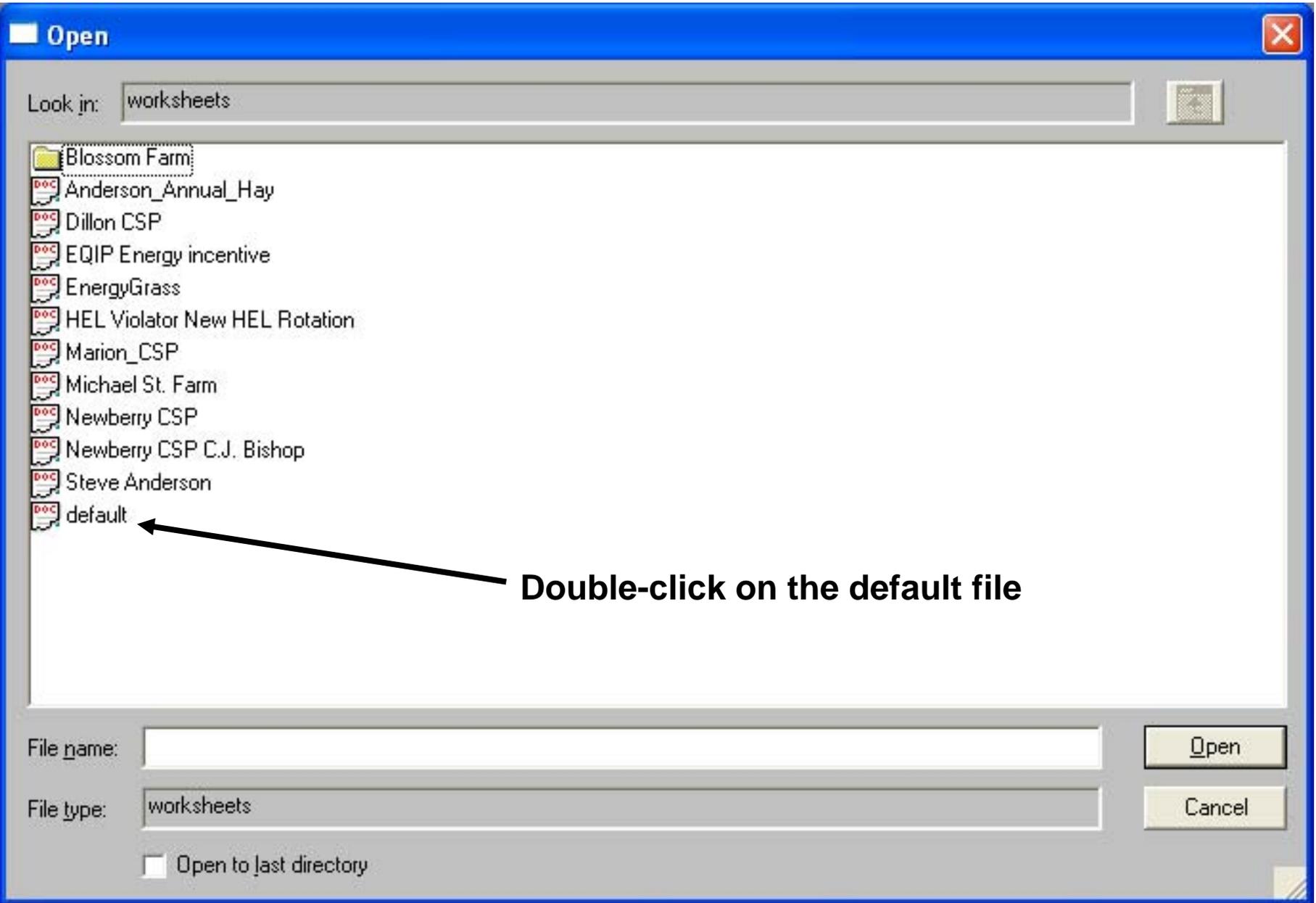
Name	Modified	Owner	Group	Permissions
------	----------	-------	-------	-------------

If you are working on a large farm with several Tracts, I would recommend to create subfolders for each Tract where you will save the individual field's soil loss predictions.

Close



Click on the Worksheet icon



Double-click on the default file

Worksheet: default

Tract # **Tract number**
 Owner name **Owner name**
 Field name **Field number**

Info

Compare management alternatives for a single hillslope profile Compare individual hillslope profiles

Location default
 Soil default
 Slope length (along slope) 150
 Avg. slope steepness, % 6.0
 T value, t/ac/yr 3.0

Slope Topography		
Segment	Steepness, %	Seg length (along slope), ft
+	-	
1	6.0	150

Management alternative table

Temp. scenario	Management	Yield values	Contouring	Strips / barriers	Diversion/terraces, sediment basin	Rock cover values	Cons. plan. soil loss, t/ac/yr	Soil conditioning index (SCI)	Soil conditioning index (SCI)	STIR value	Wind & irrigation-induced erosion for SCI, t/ac/yr
Profile	default	Yields	default	(none)	(none)	... cover	52	...g index	-3.9	0.150	0

Fill out the customer info boxes and type any additional information to the white Info window.

Tract # 1523
 Owner name Blossom Farm
 Field name 1, 7, 14

Info Fields 1, 7, and 14 had the same crop rotation/tillage type and the same soil map unit with the same slope steepness. This worksheet represents all three fields.

Compare management alternatives for a single hillslope profile Compare individual hillslope profiles

Location default
 Soil default
 Slope length (along slope) 150
 Avg. slope steepness, % 6.0
 T value, t/ac/yr 3.0

Slope Topography		
Segment	Steepness, %	Seg length (along slope), ft
+	-	
1	6.0	150

Management alternative table

Temp. scenario	Management	Yield values	Contouring	Strips / barriers	Diversion/terrace, sediment basin	Rock cover values	Cons. plan. soil loss, t/ac/yr	Soil conditioning index (SCI)	Soil conditioning index (SCI)	STIR value	Wind & irrigation-induced erosion for SCI, t/ac/yr	Sed. delivery t/ac/yr
Profile	default	Yields	default	(none)	(none)	... cover	52	...g index	-3.9	0.150	0	52

Click on the down-arrows to select the location and the soil map unit.

Tract # 1523
 Owner name Blossom Farm
 Field name 1, 7, 14

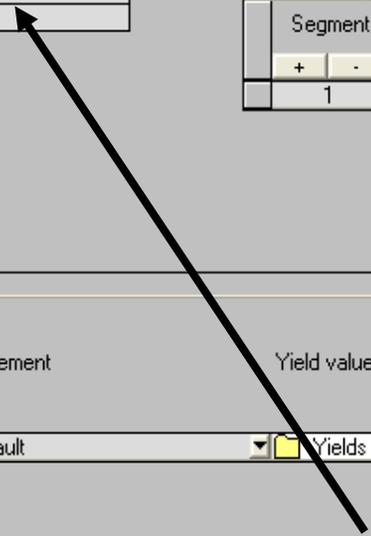
Info Fields 1, 7, and 14 had the same crop rotation/tillage type and the same soil map unit with the same slope steepness. This worksheet represents all three fields.

Compare management alternatives for a single hillslope profile Compare individual hillslope profiles

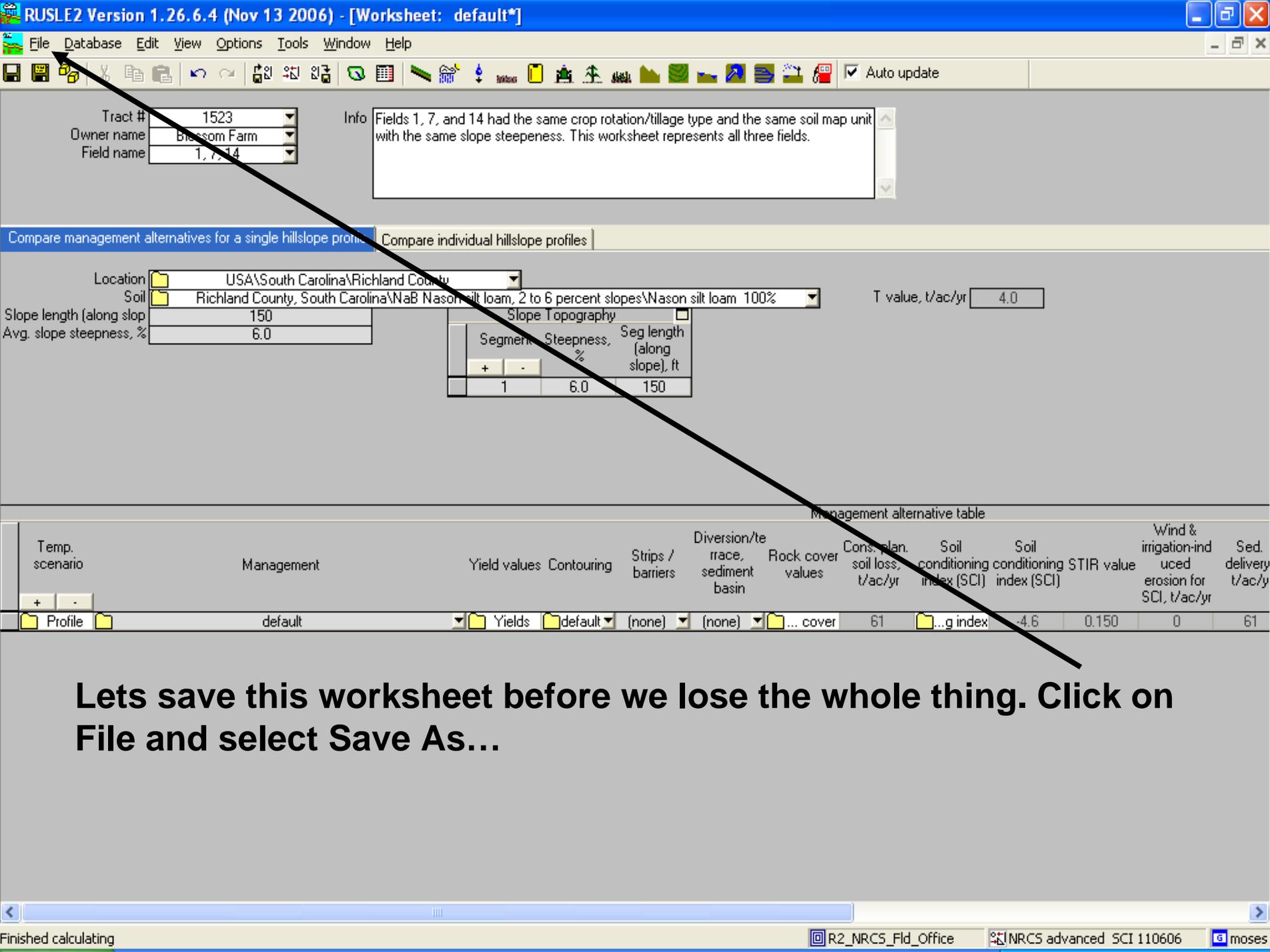
Location USA\South Carolina\Richland County
 Soil Richland County, South Carolina\NaB Nason silt loam, 2 to 6 percent slopes\Nason silt loam 100%
 Slope length (along slope) 150
 Avg. slope steepness, % 6.0
 T value, t/ac/yr 4.0

Slope Topography			Seg length (along slope), ft
Segment	Steepness, %		
+	-		
1	6.0		150

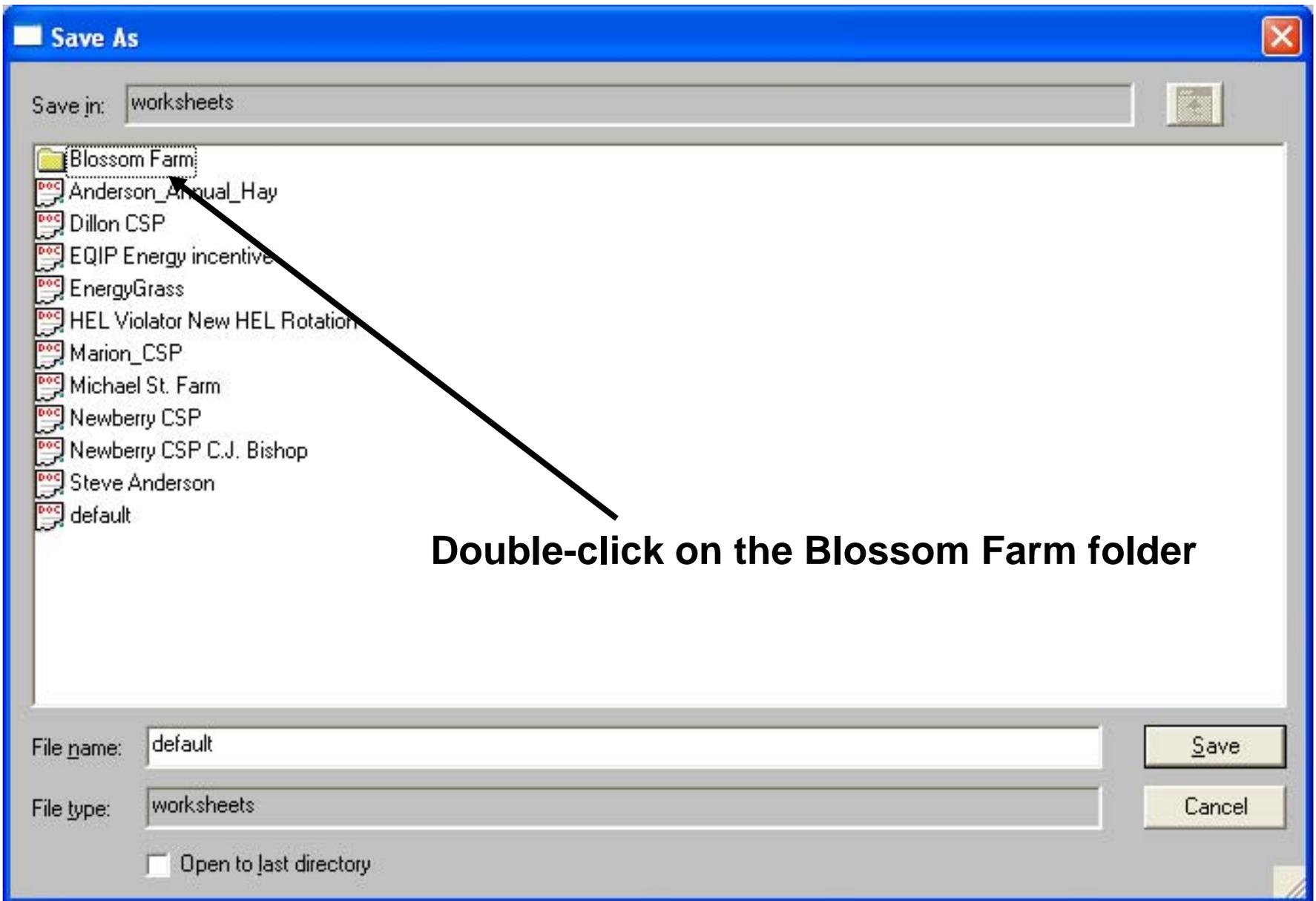
Management alternative table												
Temp. scenario	Management	Yield values	Contouring	Strips / barriers	Diversion/terrace, sediment basin	Rock cover values	Cons. plan. soil loss, t/ac/yr	Soil conditioning index (SCI)	Soil conditioning index (SCI)	STIR value	Wind & irrigation-induced erosion for SCI, t/ac/yr	Sed. delivery t/ac/yr
Profile	default	Yields	default	(none)	(none)	... cover	61	...g index	-4.6	0.150	0	61

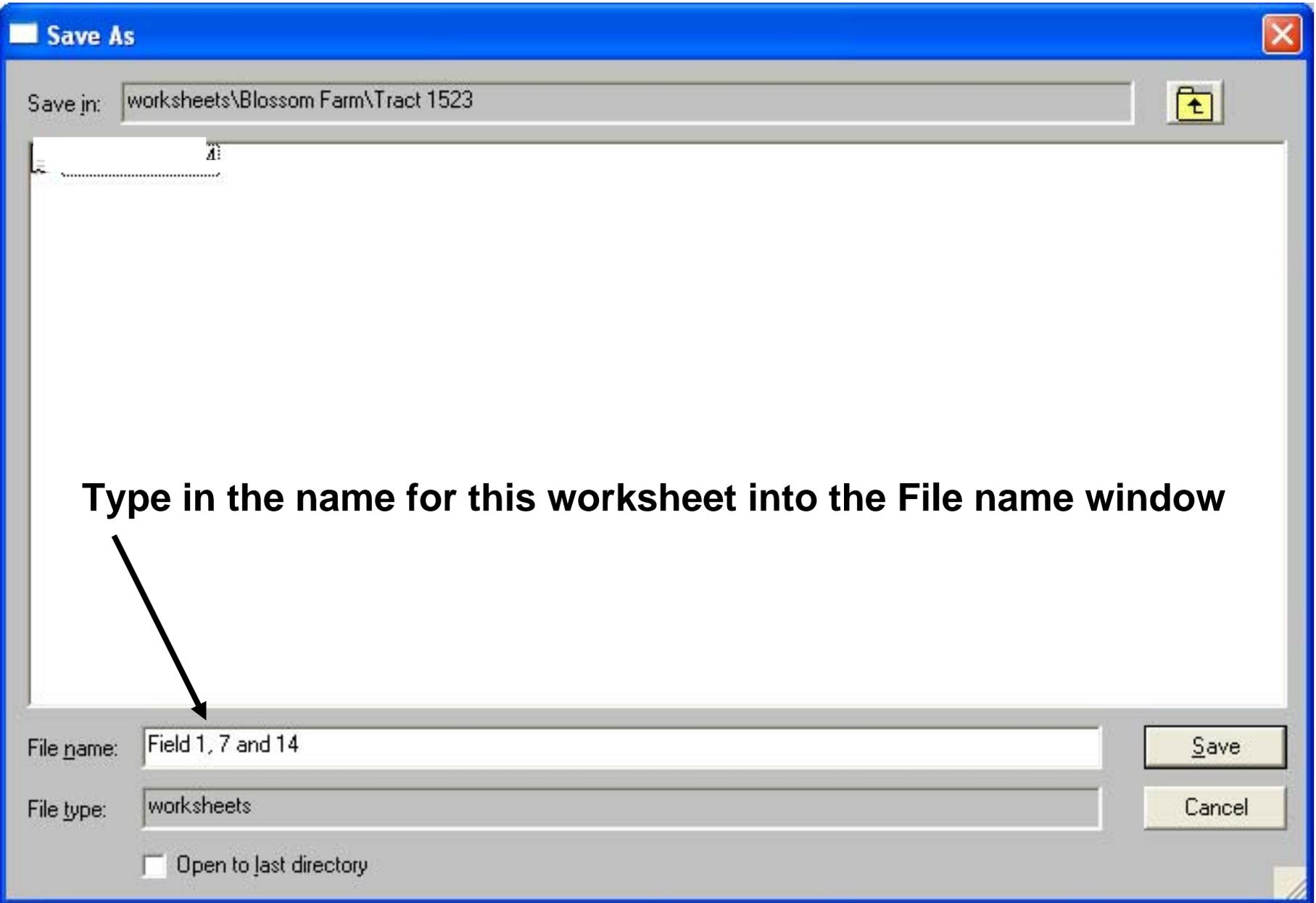


Enter the slope steepness and slope length



Lets save this worksheet before we lose the whole thing. Click on File and select Save As...





Worksheet: Blossom Farm\Tract 1523\Field 1, 7 and 14

Tract # 1523
 Owner name Blossom Farm
 Field name 1, 7, 14

Info Fields 1, 7, and 14 had the same crop rotation/tillage type and the same soil map unit with the same slope steepness. This worksheet represents all three fields.

Compare management alternatives for a single hillslope profile | Compare individual hillslope profiles

Location USA\South Carolina\Richland County
 Soil Richland County, South Carolina\NaB Nason silt loam, 2 to 6 percent slopes\Nason silt loam 100%
 Slope length (along slope) 150
 Avg. slope steepness, % 6.0
 T value, t/ac/yr 4.0
 Slope Topography

Segment	Steepness, %	Seg length (along slope), ft
+	-	
1	6.0	150

Management alternative table

Temp. scenario	Management	Yield values	Contouring	Strips / barriers	Diversion/terraces, sediment basin	Rock cover values	Cons. plan. soil loss, t/ac/yr	Soil conditioning index (SCI)	Soil conditioning index (SCI)	STIR value	Wind & irrigation-induced erosion for SCI, t/ac/yr
Profile	default	Yields	default	(none)	(none)	... cover	61	...g index	-4.6	0.150	0

- CMZ 66
- CMZ 67
- Example Multiyear Rotations
- Example Single Year Crops
- Strip/Barrier Managements
- default

Click on the down-arrow and find the Blossom Farm folder where you previously saved this operation's crop rotation files

Worksheet: Blossom Farm\Tract 1523\Field 1, 7 and 14

Tract # 1523
 Owner name Blossom Farm
 Field name 1, 7, 14

Info Fields 1, 7, and 14 had the same crop rotation/tillage type and the same soil map unit with the same slope steepness. This worksheet represents all three fields.

Compare management alternatives for a single hillslope profile | Compare individual hillslope profiles

Location USA\South Carolina\Richland County
 Soil Richland County, South Carolina\NaB Nason silt loam, 2 to 6 percent slopes\Nason silt loam 100%
 Slope length (along slope) 150
 Avg. slope steepness, % 6.0
 T value, t/ac/yr 4.0

Slope Topography		
Segment	Steepness, %	Seg length (along slope), ft
+ -	6.0	150

Management alternative table

Temp. scenario	Management	Yield values	Contouring	Strips / barriers	Diversion/terrace, sediment basin	Rock cover values	Cons. plan. soil loss, t/ac/yr	Soil conditioning index (SCI)	Soil conditioning index (SCI)	STIR value	Wind & irrigation-induced erosion for SCI, t/ac/yr	
+ -	Profile	default	Yields	default	(none)	(none)	... cover	61	...g index	-4.6	0.150	0

- CMZ 66
- CMZ 67
 - a. Single Year/Single Crop Templates
 - b. Multi-year Rotation Templates
 - c. Other Local Mgt Records**
 - d. Construction Site Templates
 - default
- Example Multiyear Rotations
- Example Single Year Crops
- Strip/Barrier Managements
- default

We saved the rotations in the CMZ 67 folder c. subfolder

Worksheet: Blossom Farm\Tract 1523\Field 1, 7 and 14

Tract # 1523
 Owner name Blossom Farm
 Field name 1, 7, 14

Info Fields 1, 7, and 14 had the same crop rotation/tillage type and the same soil map unit with the same slope steepness. This worksheet represents all three fields.

Compare management alternatives for a single hillslope profile | Compare individual hillslope profiles

Location USA\South Carolina\Richland County
 Soil Richland County, South Carolina\NaB Nason silt loam, 2 to 6 percent slopes\Nason silt loam 100%
 T value, t/ac/yr 4.0
 Slope length (along slope) 150
 Avg. slope steepness, % 6.0

Slope Topography		
Segment	Steepness, %	Seg length (along slope), ft
+ -	%	
1	6.0	150

Management alternative table

Temp. scenario	Management	Yield values	Contouring	Strips / barriers	Diversion/terrace, sediment basin	Rock cover values	Cons. plan. soil loss, t/ac/yr	Soil conditioning index (SCI)	Soil conditioning index (SCI)	STIR value	Wind & irrigation-induced erosion for SCI, t/ac/yr
Profile	default	Yields	default	(none)	(none)	... cover	61	...g index	-4.6	0.150	0

- c.Other Local Mgt Records
 - Blossom Farm
 - Corn, wheat - soybeans, disking
 - CSP2008
 - (Frankie Hinson) Cotton, st. till - Corn, grain, st. l
 - Corn disked, Wheat nt. Soy nt.
 - Corn, Wheat, Soybeans conv. till
 - Corn, Wheat, Soybeans no-till
 - Corn, Wheat, Soybeans strip-till
 - Cotton no-till in CMZ-67



Double-click on the rotation file

Tract # 1523
 Owner name Blossom Farm
 Field name 1, 7, 14

Info Fields 1, 7, and 14 had the same crop rotation/tillage type and the same soil map unit with the same slope steepness. This worksheet represents all three fields.

Compare management alternatives for a single hillslope profile | Compare individual hillslope profiles

Location USA\South Carolina\Richland County
 Soil Richland County, South Carolina\NaB Nason silt loam, 2 to 6 percent slopes\Nason silt loam 100%
 Slope length (along slope) 150
 Avg. slope steepness, % 6.0
 T value, t/ac/yr 4.0

Slope Topography		
Segment	Steepness, %	Seg length (along slope), ft
+ -	%	
1	6.0	150

Management alternative table

Temp. scenario	Management	Yield values	Contouring	Strips / barriers	Diversion/terrace, sediment basin	Rock cover values	Cons. plan. soil loss, t/ac/yr	Soil conditioning index (SCI)	Soil conditioning index (SCI)	STIR value	Wind & irrigation-induced erosion for SCI, t/ac/yr	
+ -	Profile	...ecords\Blossom Farm\Corn, wheat - soybeans, disking	Yields	default	(none)	(none)	... cover	18	...g index	-1.2	87.1	0



These fields have contour farming with 1% row gradient. Click on the Contouring down-arrow and select the 1% absolute row gradient.

Worksheet: Blossom Farm\Tract 1523\Field 1, 7 and 14

Tract # 1523
 Owner name Blossom Farm
 Field name 1, 7, 14

Info Fields 1, 7, and 14 had the same crop rotation/tillage type and the same soil map unit with the same slope steepness. This worksheet represents all three fields.

Compare management alternatives for a single hillslope profile Compare individual hillslope profiles

Location USA\South Carolina\Richland County
 Soil Richland County, South Carolina\NaB Nason silt loam, 2 to 6 percent slopes\Nason silt loam 100%
 Slope length (along slope) 150
 Avg. slope steepness, % 6.0
 T value, t/ac/yr 4.0

Slope Topography		
Segment	Steepness, %	Seg length (along slope), ft
+	-	
1	6.0	150

Management alternative table

Temp. scenario	Management	Yield values	Contouring	Strips / barriers	Diversion/terraces, sediment basin	Rock cover values	Cons. plan. soil loss, t/ac/yr	Soil conditioning index (SCI)	Soil conditioning index (SCI)	STIR value
Profile	...records\Blossom Farm\Corn, wheat - soybeans, disking	Yields	... grade 1 percent	(none)	(none)	... cover	15	...g index	-0.98	87.1

The average annual soil loss is 15 Tons/acre/year while the T is only 4.
 Lets create some alternatives to reduce the soil loss.

Worksheet: Blossom Farm\Tract 1523\Field 1, 7 and 14

Tract # 1523
 Owner name Blossom Farm
 Field name 1, 7, 14

Info Fields 1, 7, and 14 had the same crop rotation/tillage type and the same soil map unit with the same slope steepness. This worksheet represents all three fields.

Compare management alternatives for a single hillslope profile | Compare individual hillslope profiles

Location USA\South Carolina\Richland County
 Soil Richland County, South Carolina\NaB Nason silt loam, 2 to 6 percent slopes\Nason silt loam 100%
 Slope length (along slope) 150
 Avg. slope steepness, % 6.0
 T value, t/ac/yr 4.0

Slope Topography		
Segment	Steepness, %	Seg length (along slope), ft
+ -	6.0	150

Management alternative table

Temp. scenario	Management	Yield values	Contouring	Strips / barriers	Diversion/terrace, sediment basin	Rock cover values	Cons. plan. soil loss, t/ac/yr	Soil conditioning index (SCI)	Soil conditioning index (SCI)	STIR value	
+ -	Profile	...records\Blossom Farm\Corn, wheat - soybeans, disking	Yields	... grade 1 percent	(none)	(none)	... cover	15	...g index	-0.98	87.1

Click on the + button to create another management row

Worksheet: Blossom Farm\Tract 1523\Field 1, 7 and 14*

Tract # 1523
 Owner name Blossom Farm
 Field name 1, 7, 14

Info Fields 1, 7, and 14 had the same crop rotation/tillage type and the same soil map unit with the same slope steepness. This worksheet represents all three fields.

Compare management alternatives for a single hillslope profile | Compare individual hillslope profiles

Location USA\South Carolina\Richland County
 Soil Richland County, South Carolina\NaB Nason silt loam, 2 to 6 percent slopes\Nason silt loam 100%
 Slope length (along slope) 150
 Avg. slope steepness, % 6.0
 T value, t/ac/yr 4.0

Slope Topography		
Segment	Steepness, %	Seg length (along slope), ft
+ -	%	
1	6.0	150

Management alternative table

Temp. scenario	Management	Yield values	Contouring	Strips / barriers	Diversion/terraces, sediment basin	Rock cover values	Cons. plan. soil loss, t/ac/yr	Soil conditioning index (SCI)	Soil conditioning index (SCI)	STIR value	irrigation SCI
Profile	...records\Blossom Farm\Corn, wheat - soybeans, disking	Yields	... grade 1 percent	(none)	(none)	... cover	15	...g index	-0.98	87.1	
Profile	...records\Blossom Farm\Corn, wheat - soybeans, disking	Yields	... grade 1 percent	(none)	(none)	... cover	15	...g index	-0.98	87.1	

- c.Other Local Mgt Records
 - Blossom Farm
 - Corn, wheat - soybeans, disking
 - CSP2008
 - (Frankie Hinson) Cotton, st. till - Corn, grain, st. till
 - Corn disked, Wheat nt. Soy nt.
 - Corn, Wheat, Soybeans conv. till
 - Corn, Wheat, Soybeans no-till
 - Corn, Wheat, Soybeans strip-till
 - Cotton no-till in CMZ-67

Click on the down-arrow to select another crop rotation

Worksheet: Blossom Farm\Tract 1523\Field 1, 7 and 14*

Tract # 1523
 Owner name Blossom Farm
 Field name 1, 7, 14

Info Fields 1, 7, and 14 had the same crop rotation/tillage type and the same soil map unit with the same slope steepness. This worksheet represents all three fields.

Compare management alternatives for a single hillslope profile | Compare individual hillslope profiles

Location USA\South Carolina\Richland County
 Soil Richland County, South Carolina\NaB Nason silt loam, 2 to 6 percent slopes\Nason silt loam 100%
 Slope length (along slope) 150
 Avg. slope steepness, % 6.0
 T value, t/ac/yr 4.0

Slope Topography		
Segment	Steepness, %	Seg length (along slope), ft
+	-	
1	6.0	150

Management alternative table

Temp. scenario	Management	Yield values	Contouring	Strips / barriers	Diversion/terrace, sediment basin	Rock cover values	Cons. plan. soil loss, t/ac/yr	Soil conditioning index (SCI)	Soil conditioning index (SCI)	STIR value	irrig
Profile	...records\Blossom Farm\Corn, wheat - soybeans, disking	Yields	... grade 1 percent	(none)	(none)	... cover	15	...g index	-0.98	87.1	
Profile	...records\Blossom Farm\Corn, wheat - soybeans, disking	Yields	... grade 1 percent	(none)	(none)	... cover	15	...g index	-0.98	87.1	

- c.Other Local Mgt Records
 - Blossom Farm
 - Corn, wheat - soybeans, disking
 - CSP2008
 - (Frankie Hinson) Cotton, st. till - Corn, grain, st. l
 - Corn disked, Wheat nt. Soy nt.
 - Corn, Wheat, Soybeans conv. till
 - Corn, Wheat, Soybeans no-till
 - Corn, Wheat, Soybeans strip-till**
 - Cotton no-till in CMZ-67

Double click on the Corn, Wheat, Soybeans strip-till file

Worksheet: Blossom Farm\Tract 1523\Field 1, 7 and 14*

Tract # 1523
 Owner name Blossom Farm
 Field name 1, 7, 14

Info Fields 1, 7, and 14 had the same crop rotation/tillage type and the same soil map unit with the same slope steepness. This worksheet represents all three fields.

Compare management alternatives for a single hillslope profile | Compare individual hillslope profiles

Location USA\South Carolina\Richland County
 Soil Richland County, South Carolina\NaB Nason silt loam, 2 to 6 percent slopes\Nason silt loam 100%
 Slope length (along slope) 150
 Avg. slope steepness, % 6.0
 T value, t/ac/yr 4.0

Slope Topography		
Segment	Steepness, %	Seg length (along slope), ft
+	-	
1	6.0	150

Management alternative table											
Temp. scenario	Management	Yield values	Contouring	Strips / barriers	Diversion/terraces, sediment basin	Rock cover values	Cons. plan. soil loss, t/ac/yr	Soil conditioning index (SCI)	Soil conditioning index (SCI)	STIR value	irrigation SCI
Profile	...records\Blossom Farm\Corn, wheat - soybeans, disking	Yields	... grade 1 percent	(none)	(none)	... cover	15	...g index	-0.98	87.1	
Profile	...ther Local Mgt Records\Corn, Wheat, Soybeans strip-till	Yields	... grade 1 percent	(none)	(none)	... cover	5.4	...g index	0.11	2.62	

The same crop rotation with strip-tillage brought down the soil loss to 5.4 Tons

Worksheet: Blossom Farm\Tract 1523\Field 1, 7 and 14*

Tract # 1523
 Owner name Blossom Farm
 Field name 1, 7, 14

Info Fields 1, 7, and 14 had the same crop rotation/tillage type and the same soil map unit with the same slope steepness. This worksheet represents all three fields.

Compare management alternatives for a single hillslope profile | Compare individual hillslope profiles

Location USA\South Carolina\Richland County
 Soil Richland County, South Carolina\NaB Nason silt loam, 2 to 6 percent slopes\Nason silt loam 100%
 Slope length (along slope) 150
 Avg. slope steepness, % 6.0
 T value, t/ac/yr 4.0
 Slope Topography

Segment	Steepness, %	Seg length (along slope), ft
+	-	
1	6.0	150

Management alternative table

Temp. scenario	Management	Yield values	Contouring	Strips / barriers	Diversion/terrace, sediment basin	Rock cover values	Cons. plan. soil loss, t/ac/yr	contour
+	-							
Profile	...ecords\Blossom Farm\Corn, wheat - soybeans, disking	Yields	... grade 1 percent	(none)	(none)	... cover	15	
Profile	...ther Local Mgt Records\Corn, Wheat, Soybeans strip-till	Yields	... grade 1 percent	(none)	1 level terrace in middle of RUSLE slope	... cover	3.4	

Click on the Diversion/terrace down-arrow and select 1 level terrace at middle of RUSLE slope



- 1 gradient terrace 0.4% grade in middle of l
- 1 gradient terrace 0.5% grade at bottom of
- 1 gradient terrace 0.5% grade in middle of l
- 1 gradient terrace 0.6% grade at bottom of
- 1 gradient terrace 0.6% grade in middle of l
- 1 gradient terrace 0.75% grade at bottom c
- 1 gradient terrace 0.75% grade in middle of l
- 1 level terrace at bottom of RUSLE slope
- 1 level terrace in middle of RUSLE slope**
- 2 Parallel Tile Outlet terraces 0.05% grade

Tract # 1523
 Owner name Blossom Farm
 Field name 1, 7, 14

Info Fields 1, 7, and 14 had the same crop rotation/tillage type and the same soil map unit with the same slope steepness. This worksheet represents all three fields.

Compare management alternatives for a single hillslope profile | Compare individual hillslope profiles

Location USA\South Carolina\Richland County
 Soil Richland County, South Carolina\NaB Nason silt loam, 2 to 6 percent slopes\Nason silt loam 100%
 Slope length (along slope) 150
 Avg. slope steepness, % 6.0
 T value, t/ac/yr 4.0
 Slope Topography

Segment	Steepness, %	Seg length (along slope), ft
+	-	
1	6.0	150

Management alternative table

Temp. scenario	Management	Yield values	Contouring	Strips / barriers	Diversion/terrace, sediment basin	Rock cover values	Cons. plan. soil loss, t/ac/yr	con inc
+	-							
Profile	...ecords\Blossom Farm\Corn, wheat - soybeans, disking	Yields	... grade 1 percent	(none)	(none)	... cover	15	
Profile	...ther Local Mgt Records\Corn, Wheat, Soybeans strip-till	Yields	... grade 1 percent	(none)	1 level terrace in middle of RUSLE slope	... cover	3.4	

You might want to make a phone call to the farmer/operator and ask him/her if a terrace installation and strip-tillage would be viable alternatives to reach the quality criteria on these fields. If the answer is no, you need to explore more options in tillage types and cover crops, or different crop types.

Worksheet: Blossom Farm\Tract 1523\Field 1, 7 and 14*

Tract # 1523
 Owner Name Blossom Farm
 Field name 1, 7, 14

Info Fields 1, 7, and 14 had the same crop rotation/tillage type and the same soil map unit with the same slope steepness. This worksheet represents all three fields.

Compare management alternatives for a single hillslope profile Compare individual hillslope profiles

Location USA\South Carolina\Richland County
 Soil Richland County, South Carolina\NaB Nason silt loam, 2 to 6 percent slopes\Nason silt loam 100%
 Slope length (along slope) 150
 Avg. slope steepness, % 6.0
 T value, t/ac/yr 4.0

Slope Topography			
Segment	Steepness, %	Seg length (along slope), ft	
+	-		
1	6.0	150	

Management alternative table

Temp. scenario	Management	Yield values	Contouring	Strips / barriers	Diversion/terrace, sediment basin	Rock cover values	Cons. plan. soil loss, t/ac/yr	contour
Profile	...ecords\Blossom Farm\Corn, wheat - soybeans, disking	Yields	... grade 1 percent	(none)	(none)	... cover	15	
Profile	...ther Local Mgt Records\Corn, Wheat, Soybeans strip-till	Yields	... grade 1 percent	(none)	1 level terrace in middle of RUSLE slope	... cover	3.4	

Don't forget to save the worksheet by clicking on the save button.

Tract # 1523
 Owner name Blossom Farm
 Field name 1, 7, 14

Info Fields 1, 7, and 14 had the same crop rotation/tillage type and the same soil map unit with the same slope steepness. This worksheet represents all three fields.

Compare management alternatives for a single hillslope profile Compare individual hillslope profiles

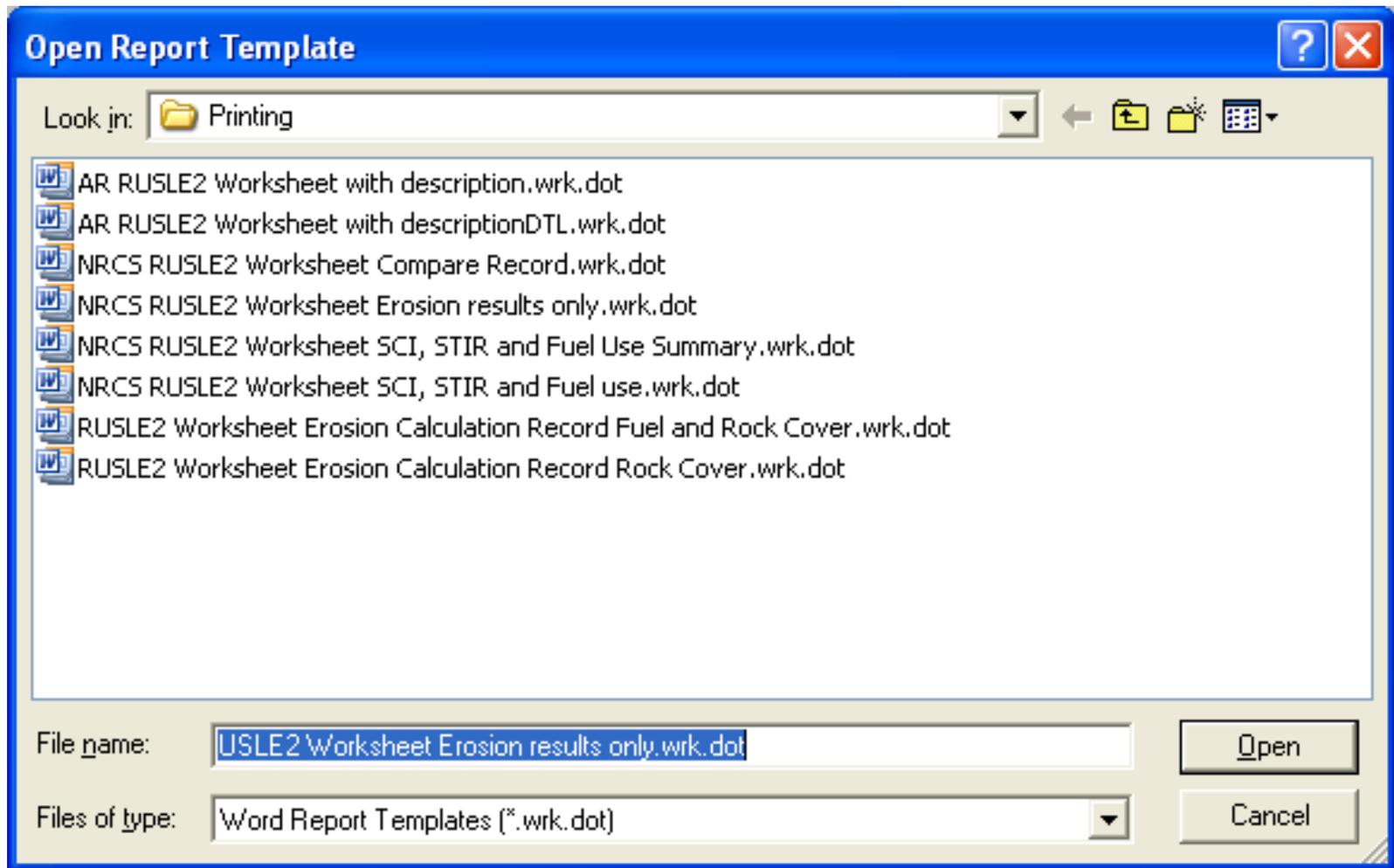
Location USA\South Carolina\Richland County
 Soil Richland County, South Carolina\NaB Nason silt loam, 2 to 6 percent slopes\Nason silt loam 100%
 Slope length (along slope) 150
 Avg. slope steepness, % 6.0
 T value, t/ac/yr 4.0
 Slope Topography

Segment	Steepness, %	Seg length (along slope), ft
+	-	
1	6.0	150

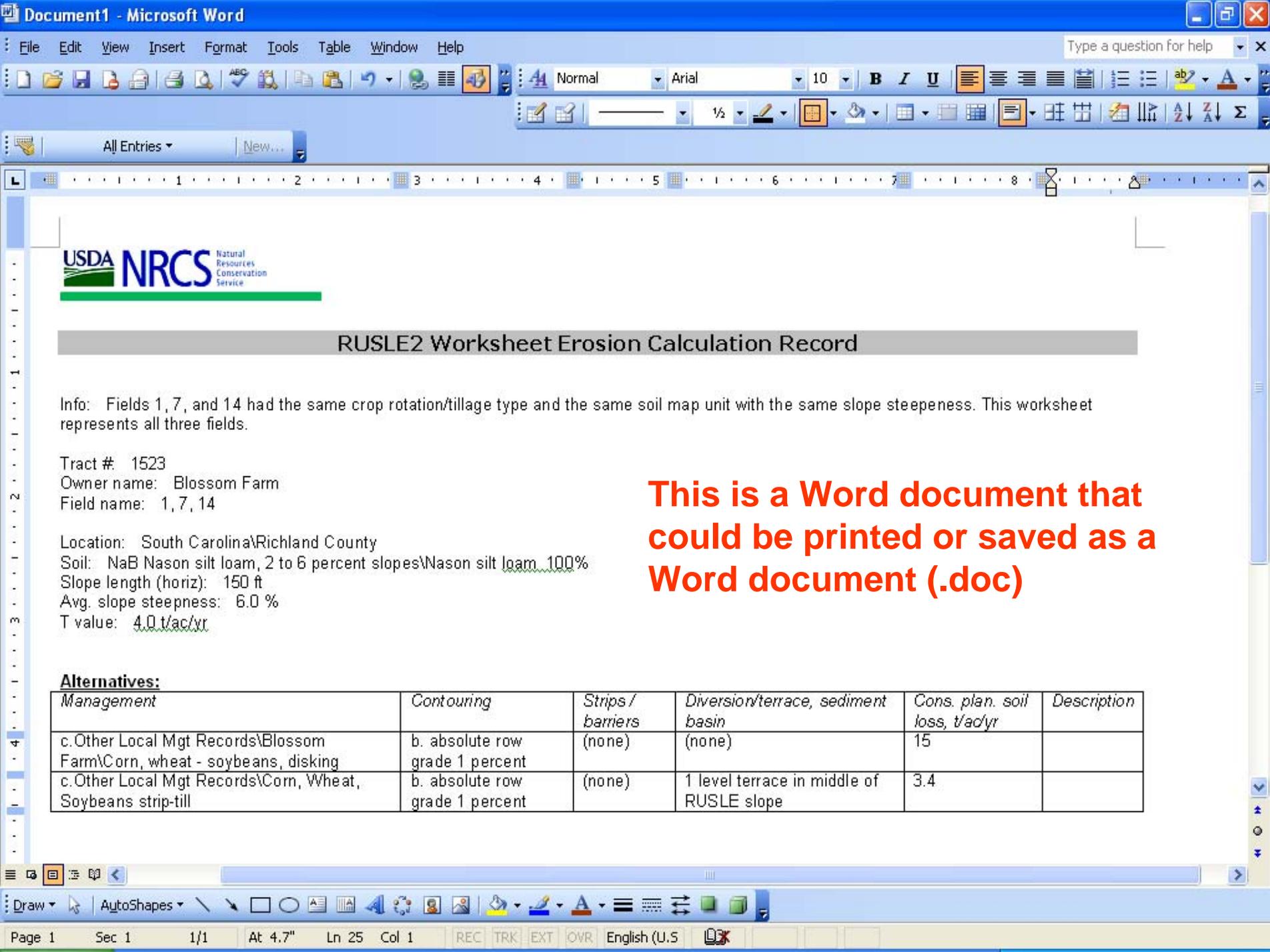
Management alternative table

Temp. scenario	Management	Yield values	Contouring	Strips / barriers	Diversion/terrace, sediment basin	Rock cover values	Cons. plan. soil loss, t/ac/yr	contour
Profile	...records\Blossom Farm\Corn, wheat - soybeans, disking	Yields	... grade 1 percent	(none)	(none)	... cover	15	
Profile	...the Local Mgt Records\Corn, Wheat, Soybeans strip-till	Yields	... grade 1 percent	(none)	1 level terrace in middle of RUSLE slope	... cover	3.4	

To print out the results click on File and select Print report...



You have several Word Templates to choose from to generate a report. Double click on any of the files.



RUSLE2 Worksheet Erosion Calculation Record

Info: Fields 1, 7, and 14 had the same crop rotation/tillage type and the same soil map unit with the same slope steepness. This worksheet represents all three fields.

Tract #: 1523
Owner name: Blossom Farm
Field name: 1, 7, 14

Location: South Carolina\Richland County
Soil: NaB Nason silt loam, 2 to 6 percent slopes\Nason silt loam_100%
Slope length (horiz): 150 ft
Avg. slope steepness: 6.0 %
T value: 4.0 t/ac/yr

This is a Word document that could be printed or saved as a Word document (.doc)

Alternatives:

<i>Management</i>	<i>Contouring</i>	<i>Strips/barrriers</i>	<i>Diversion/terrace, sediment basin</i>	<i>Cons. plan. soil loss, t/ac/yr</i>	<i>Description</i>
c.Other Local Mgt Records\Blossom Farm\Corn, wheat - soybeans, disking	b. absolute row grade 1 percent	(none)	(none)	15	
c.Other Local Mgt Records\Corn, Wheat, Soybeans strip-till	b. absolute row grade 1 percent	(none)	1 level terrace in middle of RUSLE slope	3.4	

For assistance please call:

Tibor Horvath agronomist (803)-
253-3893 cell: 803-206-0106

Tibor.Horvath@sc.usda.gov

Good luck! (You will need it!)

