

RUSLE2 Work 'Views'

Different ways to see information
within RUSLE2

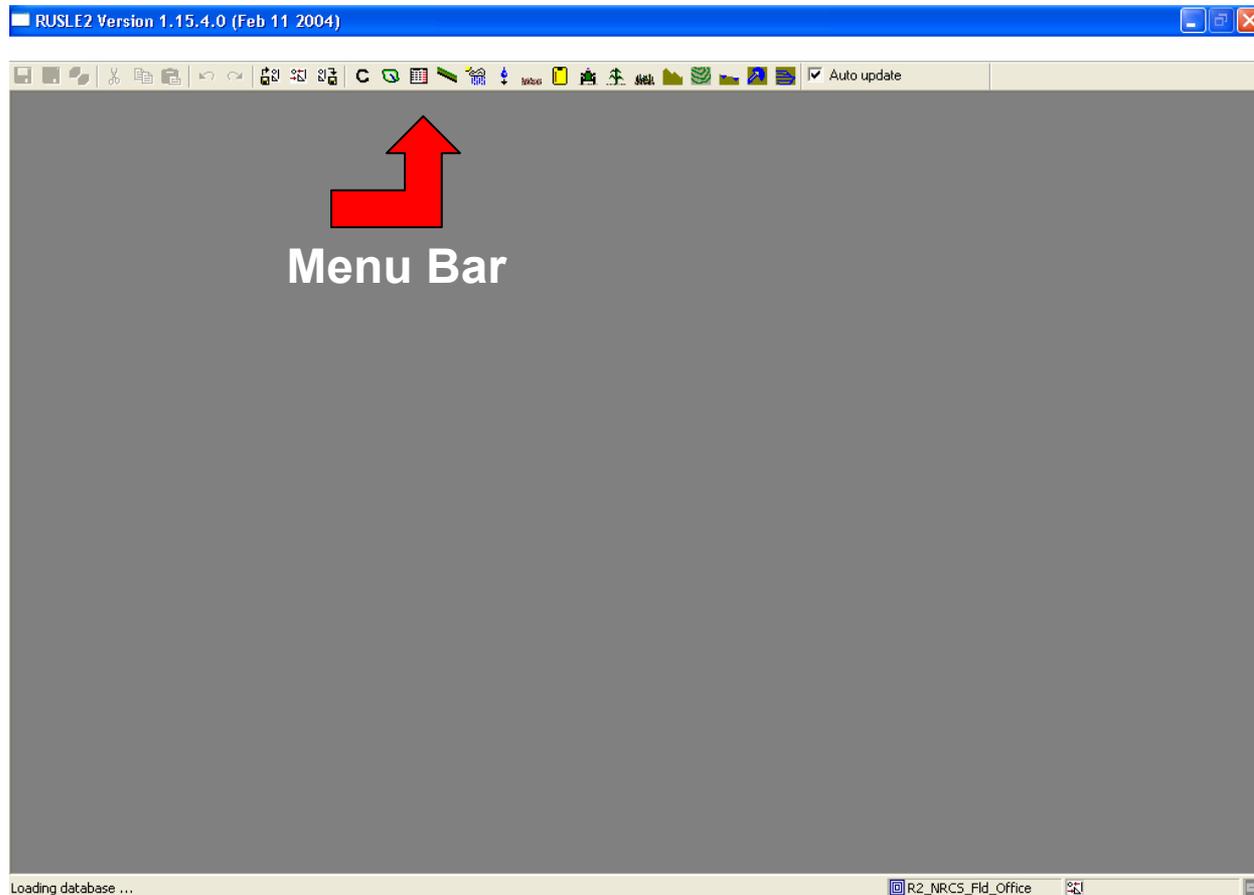
PROFILES

WORKSHEETS

PLANS

Where / How Do I Open The Various Views?

Easiest Way Is By Selecting A View Icon On
The RUSLE2 Menu Bar



How Do I Open The Various Views?

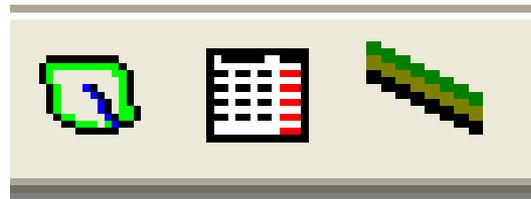
Select A View Icon On The RUSLE2 Menu Bar



RUSLE2 Menu Bar

RUSLE2 PROFILES

Profile View
(Green Sloping
Line)



- **Profile view (Green Sloping Line)** - This template is used to make a single calculation of soil loss for one hillslope in a field.

RUSLE2 PROFILES

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 **Location / Climate**

STEP 2: Choose soil type: Soil **Soils**

STEP 3: Set slope topography: Slope length (along slop) Avg. slope steepness, % **Slope / Slope Length**

STEP 4a: Select base management Base management **Management**

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 Silage\Corn,silage; FP,fall and spring manure, Z60	5/8/1	11/20/1	==>

STEP 4c: adjust management inputs if desired: Adjust yields Adjust yield level **Adjust Yield Option**

Adjust res. burial level **Adjust Residue Option:**

Adjust ext. res. additions **Manure amounts, Rock Cover**

Rock cover, %

Examine irrigation

Apply rot. builder manag

Save temp. management as perman

STEP 5: Set supporting practices: **Add Row Arrangement (Cross Slope Farming)**

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

Strips/barriers **Add Strips or Stripcropping, Diversions**

Diversion/terrace, sediment basin

Subsurface drainage

Results, and Additional Results (SCI, STIR, Sediment Delivery)

Results Additional Results

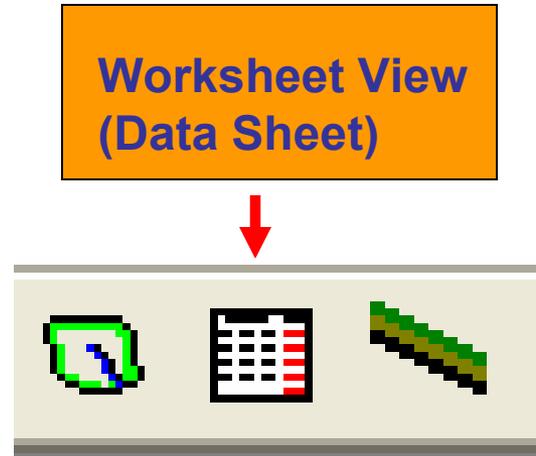
Soil loss for cons. plan, t/ac/yr	8.2
T value, t/ac/yr	2.0
Surf. res. cov. values	<input type="text" value="open"/>
Soil conditioning index	<input type="text" value="Soil conditioning index"/>

Info John Doe Field #1 These Slopes and lengths are average for the field. **Add Info specific to the field or fields meeting these criteria.**

Finished calculating

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RUSLE2 WORKSHEETS



- **Worksheet view (Data Sheet)** - This template is used to calculate **multiple** soil loss **alternatives** for **one hillslope** or **one field**.

RUSLE2 WORKSHEETS

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Worksheet: default*

Tract #
 Owner name
 Field name

Info

Farmer Name
 Farm Number, Tract Number
 Field Name(s) or Number(s) meeting these criteria
 Enter Typical Crop Yield used for calculations.
 Enter any other specifics which would be useful in a hard copy report for future reference.

Add Info specific to the field or fields meeting these criteria.

Compare management alternatives for a single hillslope profile

Location Location / Climate
 Soil Soils value, t/ac/yr
 Slope length (along slop)
 Avg. slope steepness, % Slope / Slope Length
 Rock cover, % Option, Adjust: Rock Cover

Managements, MULTIPLE FOR COMPARISON

Temp scenario		Management	Yield values	Contouring	Strips / barriers	Diversion/te rrace, sediment	Cons. plan. soil loss, t/ac/yr	Sed. delivery, t/ac/yr	Cover values	Show in summary?	Description																		
+	-																												
<input type="checkbox"/>	<input type="checkbox"/>	Profile	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	...Corn Silage\Corn,silage; FP,fall and spring manure, Z60	Yields	<input type="checkbox"/>	...n hill	(none)	(none)	7.8	7.8	<input type="checkbox"/>	Yes								
<input type="checkbox"/>	<input type="checkbox"/>	Profile	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	...ilage,FP - 5 yrs legume-grass Hay; 3 cuts, manure, Z60	Yields	<input type="checkbox"/>	...n hill	(none)	(none)	3.8	3.8	<input type="checkbox"/>	Yes								
<input type="checkbox"/>	<input type="checkbox"/>	Profile	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	...ilage,FP - 5 yrs legume-grass Hay; 3 cuts, manure, Z60	Yields	<input type="checkbox"/>	...cent	(none)	(none)	2.1	2.1	<input type="checkbox"/>	Yes								

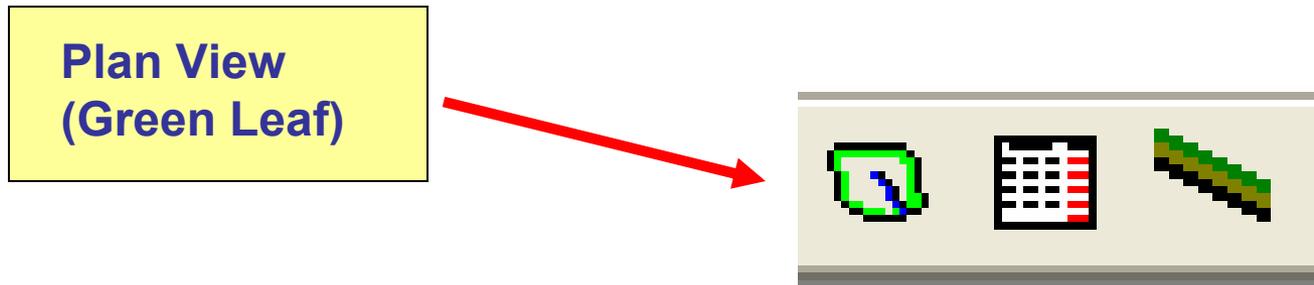
Adjust Yield Option

Add Row Arrangement (Cross Slope Farming)

Add Strips or Stripcropping, Diversions

Results 'Cons Plan soil loss' (For SCI, STIR, open the PROFILE..)

RUSLE2 PLAN View



- Plan View: This is the template to use to calculate soil loss on multiple fields.
- Specific Farmer Data Soil Loss Data Can Be Saved And Resurrected / edited in the future.
- *(Good vs. Bad ~~ Takes quite a long time to load saved plans...but can be very useful...)*

RUSLE2 PLAN View

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Plan: Tom Jefferson Farm

Owner name: Thomas Jefferson
Location: USA\Vermont\Franklin County

Info: Farm# 387, Tract 749 Sheldon, VT

Compare field alternatives | Compute avg. soil loss for a field/watershed

Field	Field name
+	
-	
Worksheet	1
Worksheet	2
Worksheet	3
Worksheet	4

Field name	Description	Cons. plan. soil loss,	Sed. delivery,
1	...w/manure, and Row Arrangement With 30 Ft Filter Strip at bottom of slope. Sed Delivery Substantially Reduced.	3.5	0.15
2	...w/manure, and Row Arrangement With 30 Ft Filter Strip at bottom of slope. Sed Delivery Substantially Reduced.	4.3	0.30
3	4C-4H Spring Disk, manure applied with Row Arrangement.	2.0	2.0
4	4C-4H,SD,Row Arrangement, 15 Foot Grass Filter Bottom of slope	1.3	0.14

Soil Loss Info For 4 fields based on the alternative selected by the farmer

Worksheets with Multiple Alternatives available for each field

Finished calculating

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RUSLE2 PLAN View

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Plan: Tom Jefferson Farm

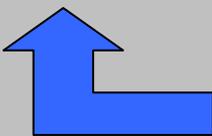
Owner name: Thomas Jefferson
Location: USA\Vermont\Franklin County

Info: Farm# 387, Tract 749 Sheldon, VT

Compare field alternatives | Compute avg. soil loss for a field/watershed

Fields to view		Field name
Field		
+		
-		
Worksheet		1
Worksheet		2
Worksheet		3
Worksheet		4

Selected alternatives for fields				
Field name	Description	Cons. plan. soil loss,	Sed. delivery,	
1	...w/manure, and Row Arrangement With 30 Ft Filter Strip at bottom of slope. Sed Delivery Substantially Reduced.	3.5	0.15	
2	...w/manure, and Row Arrangement With 30 Ft Filter Strip at bottom of slope. Sed Delivery Substantially Reduced.	4.3	0.30	
3	4C-4H Spring Disk, manure applied with Row Arrangement.	2.0	2.0	
4	4C-4H,SD,Row Arrangement, 15 Foot Grass Filter Bottom of slope	1.3	0.14	



If you select a worksheet view for a field, you can see the alternatives, and specify which has been selected by the farmer.

Finished calculating

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RUSLE2 PLAN View (Alternatives for a field)

RUSLE2 Version 1.15.4.0 (Feb 11 2004)

File Database Edit View Options Window Help

Auto update

Plan: Tom Jefferson Farm

Plan: Worksheet (Field[1]) of Tom Jefferson Farm

Tract #
 Owner name
 Field name **1**

Info

Field 1

Compare management alternatives for a single hillslope profile

Location
 Soil **...T\EnB ENOSBURG LOAMY FINE SAND, 3 TO 8 PERCENT SLOPES\ENOSBURG loamy fine sand 75%**

T value, t/ac/yr **5.0**

Slope length (along slop) **175**
 Avg. slope steepness, % **7.0**

Rock cover, % **0**

Management alternative table

Temp. scenario	Management	Yield values	Contouring	Strips / barriers	Diversion/te race, sediment	Cons. plan. soil loss, t/ac/yr	Sed. delivery, t/ac/yr	Cover values	Show in summary?	Description
Profile	...p Templates\Corn Silage\Corn,silage; SP, manure, Z60	Yields	...n hill	(none)	(none)	7.2	7.2	... cover	No	
Profile	...Corn Silage\Corn,silage; SP, winter cover, manure, Z60	Yields	...n hill	(none)	(none)	5.1	5.1	... cover	No	
Profile	...p Templates\Corn Silage\Corn,silage; SP, manure, Z60	Yields	...rade	... strip	(none)	3.5	0.15	... cover	Yes	... Delivery Substantially Reduce

HIERARCHY of RUSLE2 Views

- **Profile** Is The **Lowest Level** of View In RUSLE2 (one soil loss calculation on one slope section of one field)
- **Worksheet** is the **Second Level** of View in RUSLE2 (Worksheets can contain **multiple Alternatives** – each alternative has access to the specific **Profile** associated with it).
- **Plan View** has the Highest degree of detail associated with it. Each planned **field** can have multiple **Alternatives**, each having access to an associated **Profile**.

HIERARCHY of RUSLE2 Views

- Profiles have nothing nested within them.
- Worksheets have Profiles nested within them,
- Plans have Worksheets and Profiles nested within them