User’s Manual for the Rusle2 Rotation Builder
for the November, 2006 Version

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First we have to create the customer folder for the client.

Click on Database and select Rearrange
Double click on managements
Double click on CMZ 04.1 folder
Right mouse click on the c. Other Local Mgt. Records folder and select New Folder
Rename the New Folder to your client’s name or for the farm’s name by overtyping the highlighted folder.
Click on Close.
Click on yellow clipboard icon to start building the rotation

Scenario to be built:

Corn silage 3 years followed by Alfalfa grass 4 years

Tillage: spring moldboard plow after hay
  two passes of disk tandem (secondary)
  one pass of harrow (coiled tine)

second and third year corn is tilled by a straight chisel instead of the moldboard plow

The hay establishment starts with moldboard plow followed by the same implements as for corn. Liquid dairy manure applied 15,000 gals (3% dry matter) in November on corn stubble.
Click on the Up Arrow until you find the “default” file.
Double click on the “default” file
Click on the yellow folder to activate the Rotation Builder
Click on the down-arrow to bring in the first year corn
Double click on CMZ 04.1 or on the CMZ your farm is located in.
Double click on the a. Single year/Single Crop Templates folder
Scroll down to find the corn silage w/manure folder and double click on it
Double click on the liquid surface folder
Scroll down to find the corn sil, fmanl; sp z4.1 file and double click on it (see the RUSLE2 codes document for understanding the abbreviations).
We have the first year corn in place. Check the Operations list for accuracy.
Click on the + icon to bring in the second year corn silage.
Now, we have to change the second year corn silage file to have a straight chisel as the primary tillage.

Click on the down-arrow...
Scroll down and find the corn sil, fmanl; scst z4.1 file, and double click on it. (see RUSLE2 codes document for abbreviations)
Just click on the + icon to bring in the 3rd year corn silage.
Corn years are completed now. Click on the + sign again to create the 4th crop year.
Click on the down-arrow to change the 4th year to Alfalfa grass crop.
Scroll down to find the Forage systems folder and double click on it.
Double click on the alfalfa grass sp seed folder (spring seeded)
The 4 year alfalfa grass spring moldboard plow file is the:

*alfalfa grass ss 4yr; sp z4.1*

Double click on this file to add it to the rotation.
The 7 years rotation is built. Click on the Apply/Close icon.
In this screen we can edit the rotation for the specific scenario. The 15,000 gallon 3% dry matter manure consists 3,600 Lbs of dry matter. Enter the half of this value to replace the default 1000 Lbs.
National policy instruct us to enter only the half of the dry matter added by manure applications. The total value would give inaccurately high soil loss savings.
If no more editing is needed (yields, tillage implements) click on File and select Save As...
This screen will appear. Double click on CMZ 04.1
Double click on the c. Other Local Mgt. Records folder
Double click on the Blossom Farm folder we created at the beginning.
Rename the default file for the name you prefer for your rotation.
You could name your file as this. Then click on Save.
The file is saved in the:

CMZ 04.1\c. Other Local Mgt. Records\Blossom Farm folder.
Now, You are ready to do some soil loss predictions based on the created rotation by using the RUSLE2 Worksheet.

GOOD LUCK!