

Helpful Hint—Use FSA CRP Maps in Toolkit

Applies to Version:	Toolkit 5.2, SP-2.1
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Helpful Hint Date:	6/16/06

Background: NRCS writes the CRP Conservation Plans for FSA. FSA will provide a map that was generated by their CRP Determination Tool. It is a Soils Map that displays both the Soils and the Field boundaries. The CLU numbers and the acres of each soil are listed in the legend.

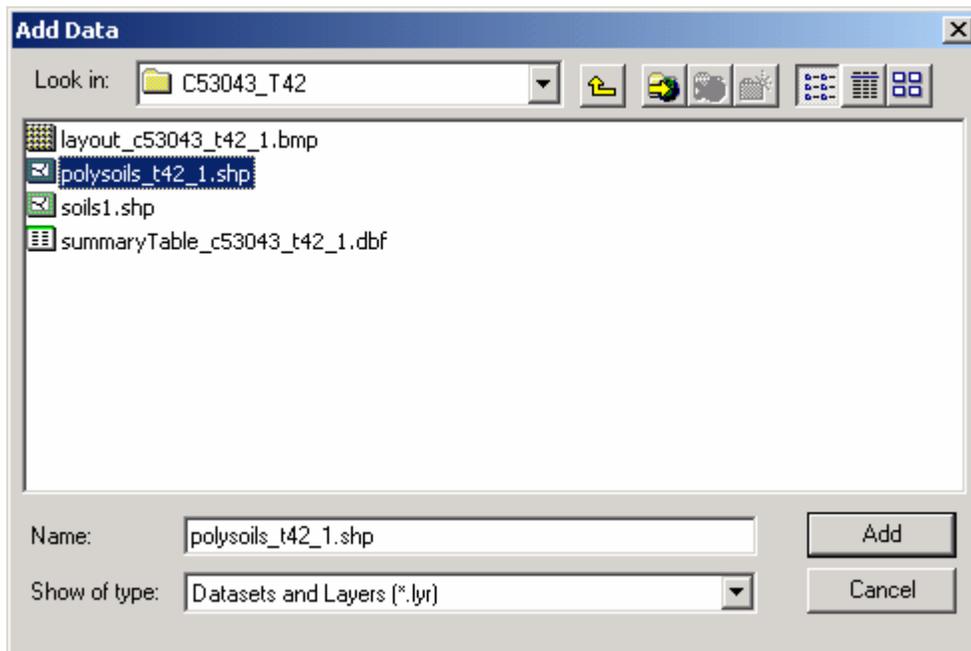
FSA has these shapefiles stored electronically in F:\geodata\project_data\fsa\SU<sign-up number>_scenarios\C53<county fips>\T<tract number>. The name of the shapefile is: **polysoils_t<tract number>_<scenario number>.shp.**

NRCS will save time and the frustration that is experienced when trying to locate offers that are within a larger field by using the shapefiles that FSA has created.

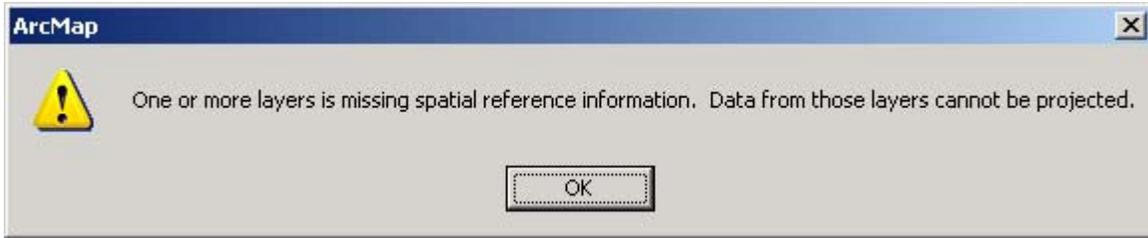
Use Option 1 where the CRP offer is within a larger field(s). Use Option 2 for whole field offers.

Important Note: For NRCS to be able to access the CRP shapefiles, a geodata administrator will need to copy the CRP tract folders into O:\geodata\project_data\nrcs.

1. Start ArcGIS from your county's template
2. Click on the Add Data  button and browse to O:\geodata\project_data\nrcs
3. Find the Customer's tract number folder in the list, e.g. C53043_T42
4. Highlight the **polysoils_t<tract number>_<scenario number>.shp** shapefile and click Add. **It is very important that you select the scenario number for the offer that was accepted.**



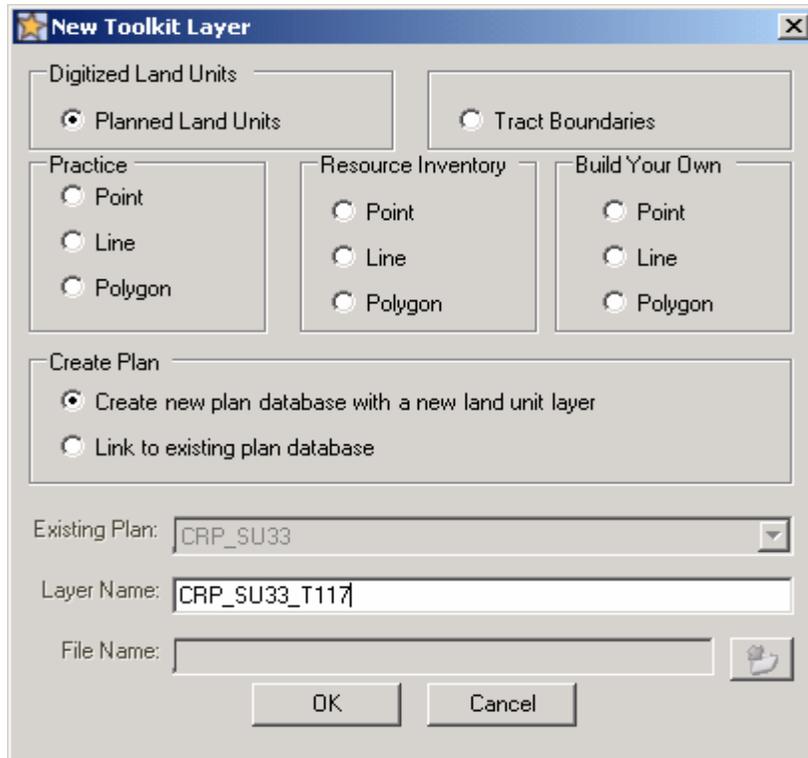
- If you receive a warning message just click OK and ignore it.



- Turn on the **polysoils_t<tract number>_<scenario number>** layer in the table of contents. This is the Soils Map for the CRP offer. Optional: Go to Properties for the polysoils layer and set the symbology using MUSYM, MUNAME for the Values fields. Use the label tool to label the soils using MUSYM.
- Right mouse click on the **polysoils_t<tract number>_<scenario number>** layer and **Zoom to Layer** to see what you added.
- Turn on the Common Land Unit layer. **Does the outline of the polysoils_t<tract number>_<scenario number> line up with a field(s) in the CLU layer?** Yes→Go to Option 2. No→ Use Option 1

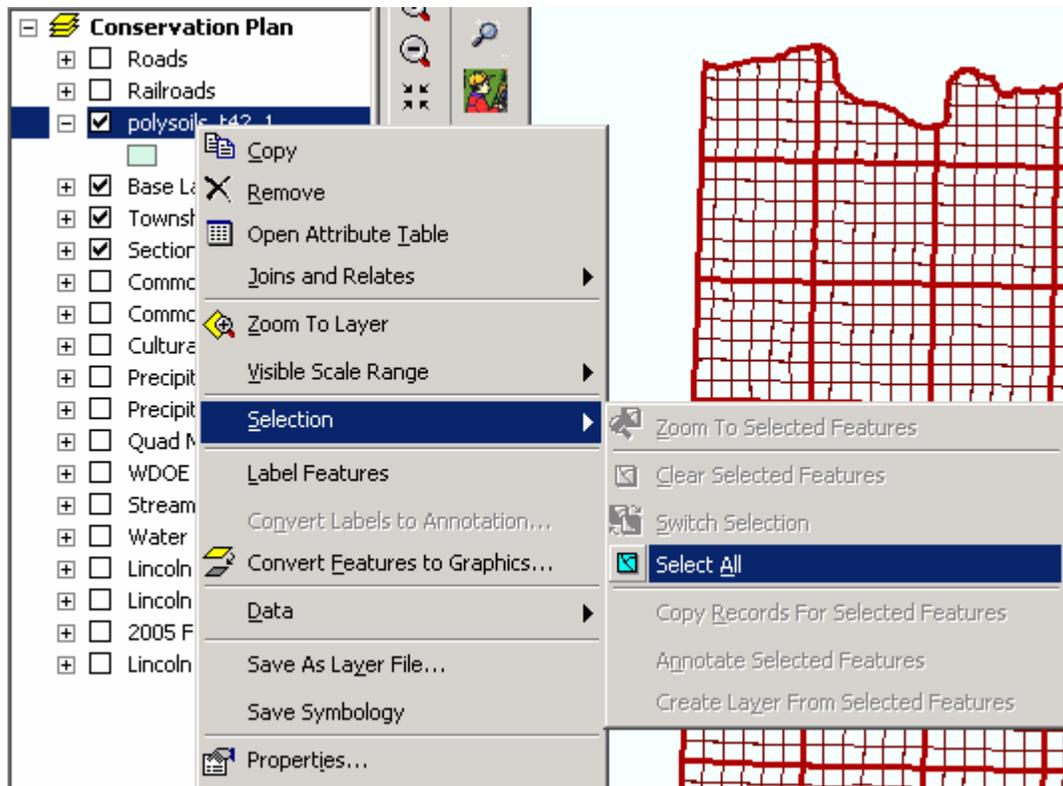
Option 1 Procedure (recommended for those areas that are difficult to locate within a field):

- Go to Properties for the **polysoils_t<tract number>_<scenario number>.shp** layer and **set the symbology** using MUSYM, MUNAME for the Values fields. Note that the polysoils layer is the Soils Map for the CRP offer.
- Click on the New Toolkit Layer button (star) and select Planned Land Unit. Include the tract number in the Layer Name since a customer may have more than one CRP offer.



Note: if you already have Unmapped Land Units for the CRP plan, be sure to click the radio button beside "Link to existing plan database" and select the name of the existing plan from the pull-down menu.

- Click on the New Toolkit Layer button (Star) and make a new Planned Land Unit layer for the CRP plan. When prompted to **Use Features from a Source Layer**, push **No**. This will open the Land Unit Editor Toolbar
- In Basic mode, click on the Set Selectable Layers button  and chose **polysoils_t<tract number>_<scenario number>** layer. Use the Select Feature tool  and select all of the polygons.
- In Advanced mode, go to the table of contents, right mouse click on the **polysoils_t<tract number>_<scenario number>** layer, go to **Selection**→**Select All**

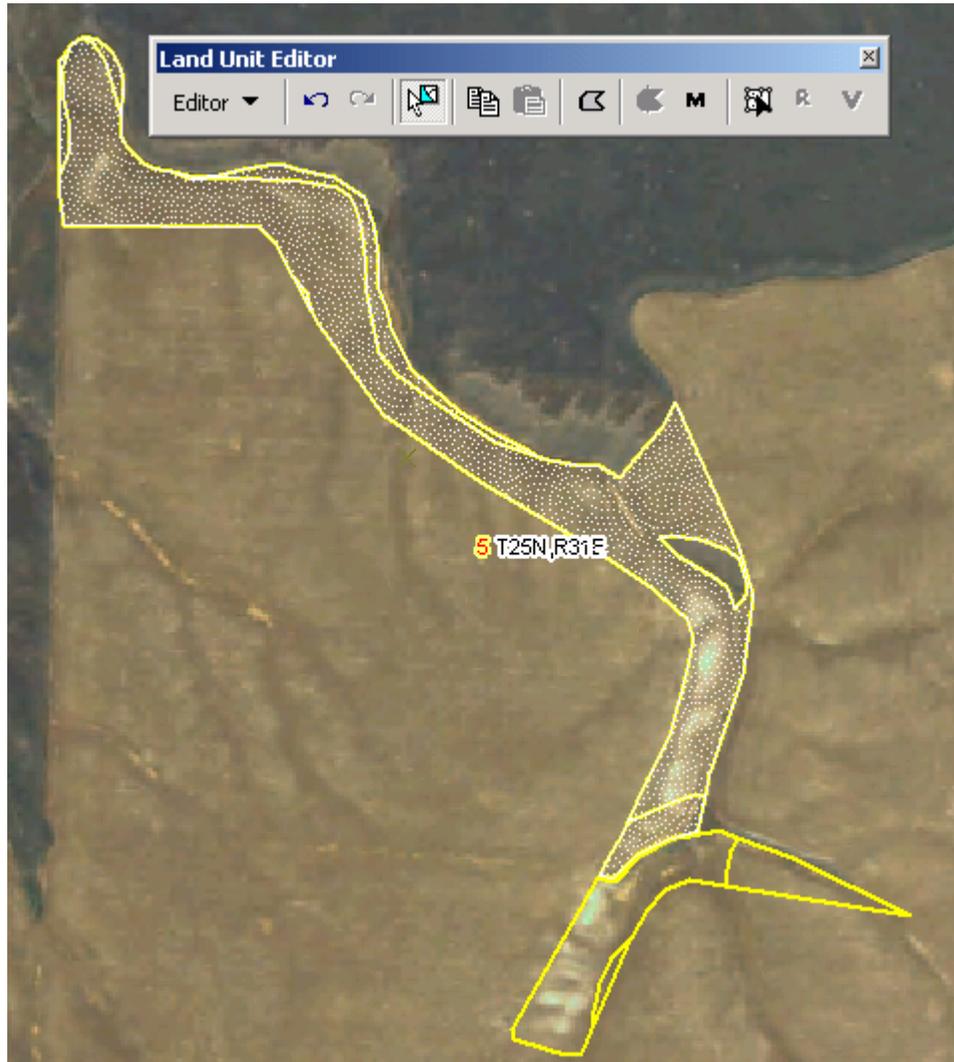


- With the **polysoils_t<tract number>_<scenario number>** layer selected and highlighted in the table of contents, push on the copy button on the Land Unit Editor Toolbar, followed by the Paste Button.



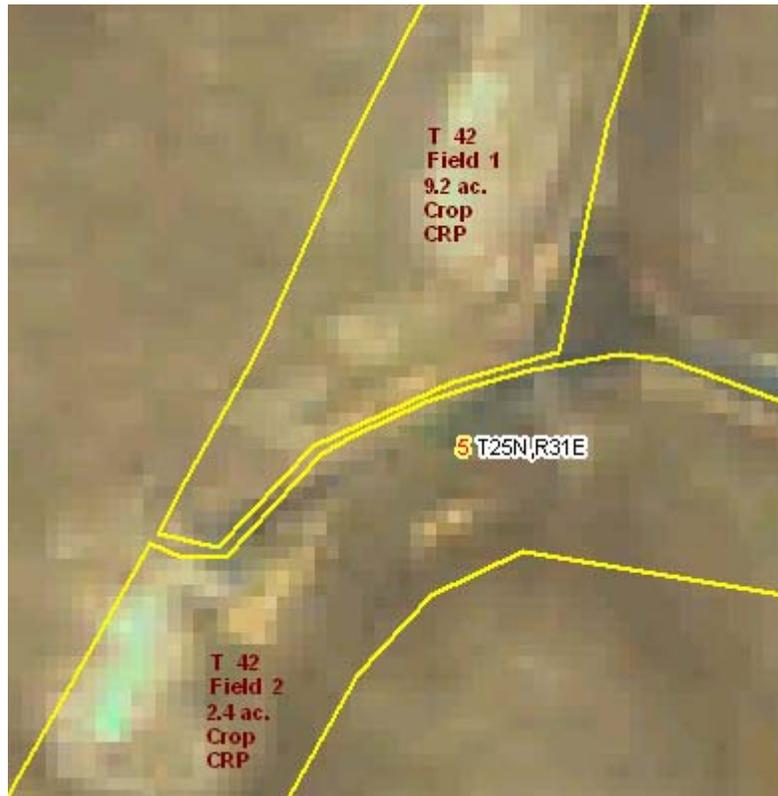
- Go to **Selection**→**Clear Selected Features** (if in Advanced mode) or click the Clear Selected Features icon  (if in Basic mode) to view the polygons you have created. Note: There will be many polygons depending on the number of soils. You may need to click on the Zoom to Plan button to force the screen to refresh.

- Use the **Select Feature** tool from the Land Unit Editor toolbar and select one, or more, of the polygons and use the **M** merge button to merge them together to make a field. Refer to the map provided by FSA or print the `layout_c53<fips>_t<tract number>_<scenario number>.bmp` from the CRP tract folder.



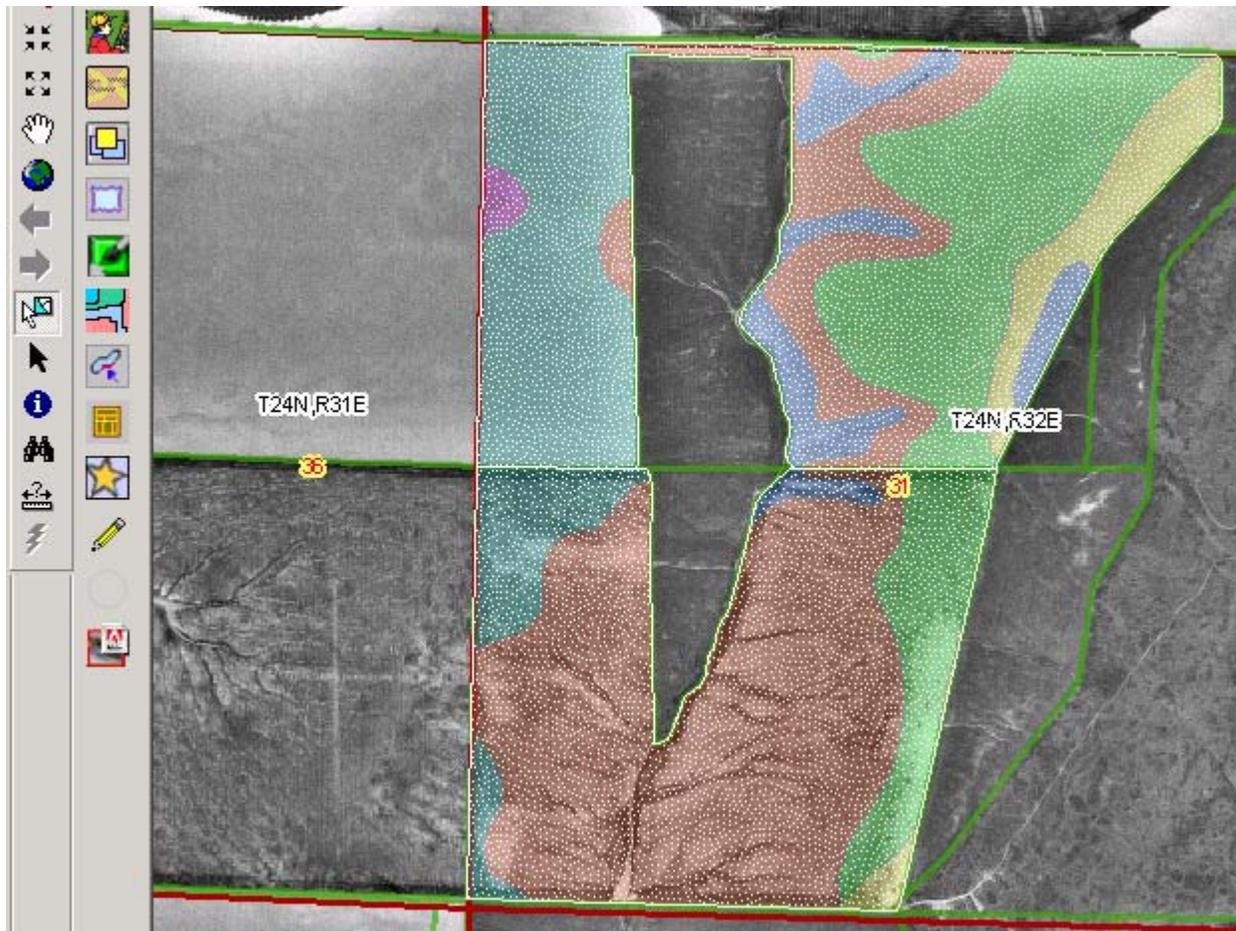
Note: In this example, the selection for the PLU layer was changed to a snowfield ice pattern.

9. When all of the polygons have been merged, attribute the field(s) using the **Attribute Tool** . You may need to zoom in to be able to view all of the polygons that are contiguous. Note: in this example there are actually two fields. If in doubt about the field boundaries or numbers, consult FSA.

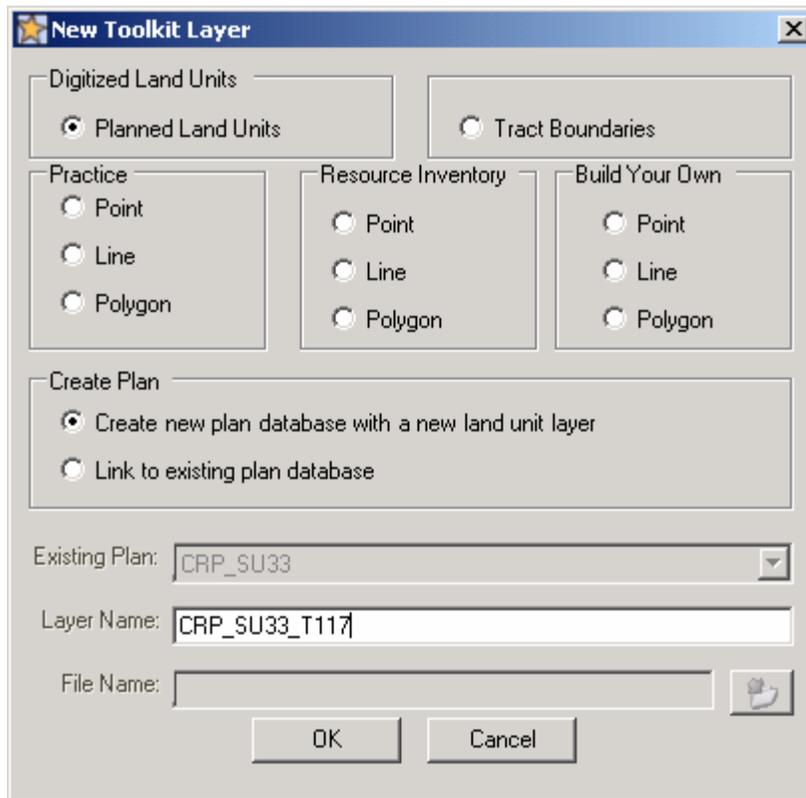


Option 2 (for fields that are part of the CLU layer):

1. Go to Properties for the **polysoils_t<tract number>_<scenario number>.shp** layer and **set the symbology** using MUSYM, MUNAME for the Values fields. Note: the polysoils layer is the Soils Map for the CRP offer.
2. Turn on the Common Land Unit layer.
3. Set the selectable layer to the Common Land Unit by going to **Selection→Set Selectable Layers** (Advanced mode) or the **Set Selectable Layers** icon  (Basic mode). Use the **Select Feature Tool**  to select the fields covered by the **polysoils_t<tract number>_<scenario number>** layer.

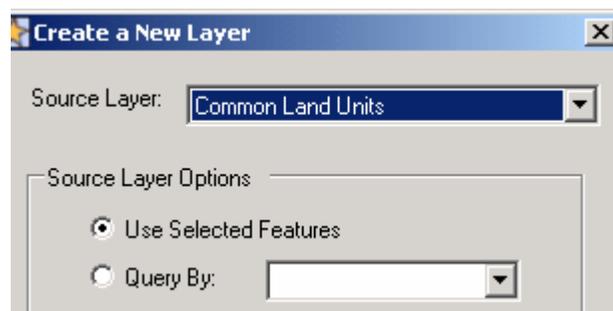


- Click on the New Toolkit Layer button (star) and select Planned Land Unit. Include the tract number in the Layer Name since a customer may have more than one CRP offer.



Note: if you already have **Unmapped Land Units** for the CRP plan, be sure to click the radio button beside "**Link to existing plan database**" and select the name of the existing plan from the pull-down menu.

- When prompted to **Use Features from a Source Layer**, push **Yes**. Pick the CLU layer. The Source Layer Options in the Create New Layer window will automatically default to Use Selected Features. Click **OK**.



- On the Land Unit Editor Toolbar select **Editor**→**Stop Editing**. If prompted, say Yes to Save Your Edits.
- Use the Attribute (waffle) Tool and attribute the CRP fields.