

# Adding Land Units in ArcGIS

Topics include:

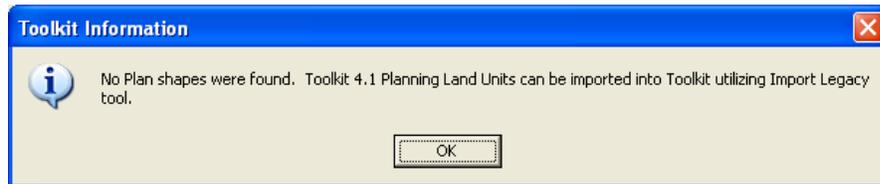
- Importing Land Unit Shapes from ArcView
- Creating a New Planned Land Unit Layer
- Adding Planned Land Units to an existing layer
- Attributing Planned Land Units
- Linking Unmapped Planned Land Units to Shapes

# Adding Land Units in ArcGIS

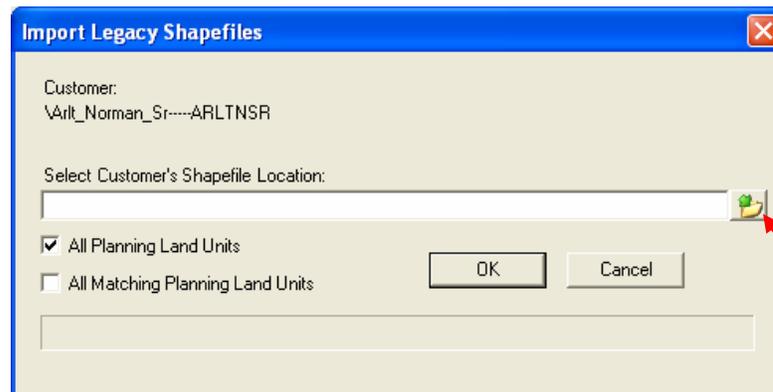
## Importing legacy shape files

If Planned Land Units were digitized in ArcView, you can import the shapes for use in ArcGIS.

1. Click on the **Select a Plan** icon .
2. Select the plan database for which you wish to create Planned Land Units (PLUs).
3. The following message will be displayed (click ok):

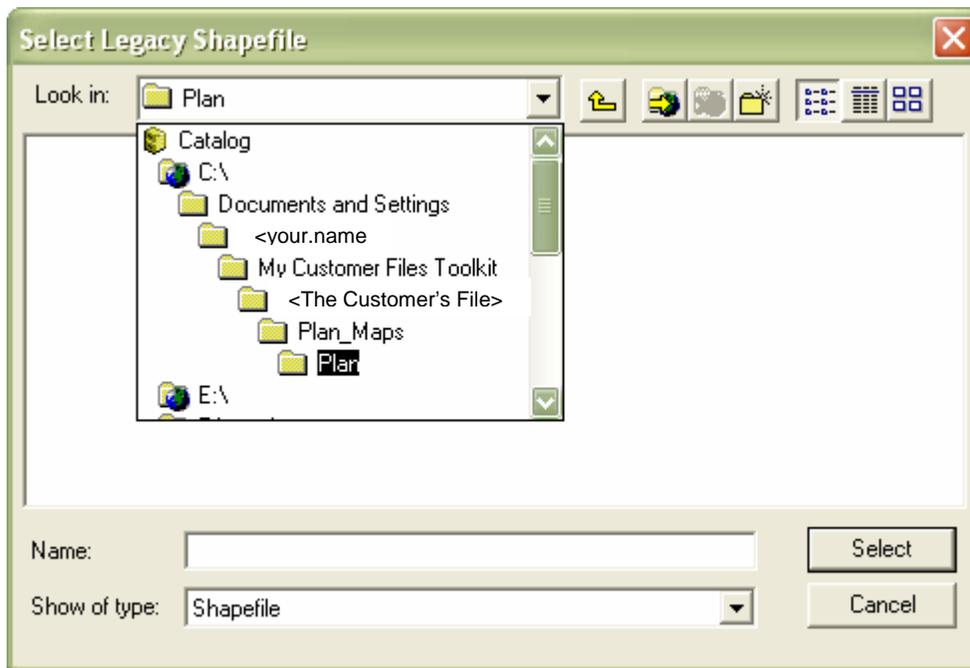


4. Click the import legacy shapefile icon  and import the corresponding shapefile.
5. The following window will be displayed:



Be sure there is a check mark in front of 'All Planning Land Units' then click the folder icon. A new window will open.

# Adding Land Units in ArcGIS



Navigate to the following location:

C:\Documents and Settings\<your.name>\My Customer Files Toolkit\<The Customer's File>\Plan\_Maps\Plan

Select the corresponding shape file. Click Select, then OK.

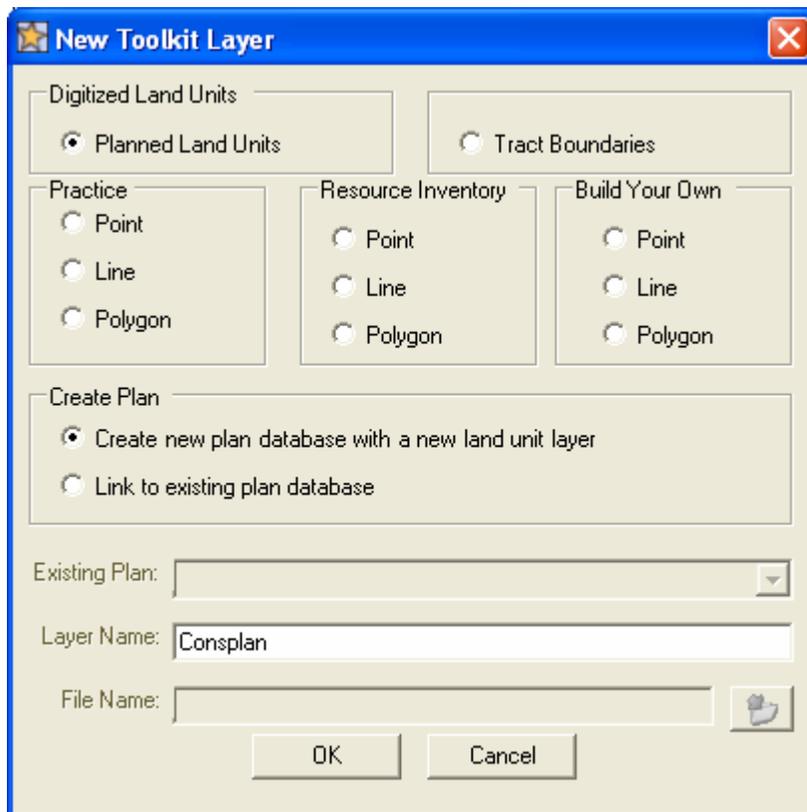
A report will be displayed.

- Items that are checked will be linked.
- If an item is not checked in the left window, that shape will be imported, but you must use the attribute tool to add it to the Land Units tab.
- Any records that are not checked in the right window will be listed as unmapped under the Land Units Tab

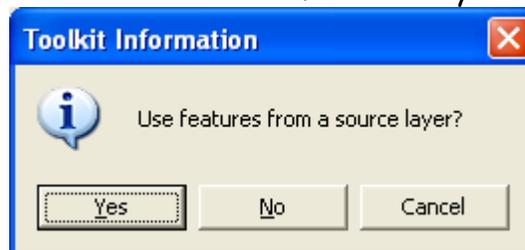
# Adding Land Units in ArcGIS

## Creating a New Planned Land Unit Layer

1. Click on the **Create New Layer** button .
2. A new window will open.
  - In the Digitized Land Units box, select 'Planned Land Units'.
  - In the Create Plan box, select 'Create new plan database with a new land unit layer'.
  - Optional, change the layer name.
  - Click OK.



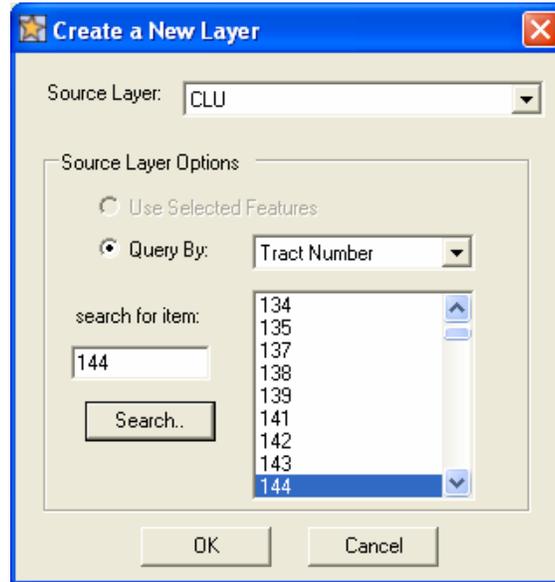
3. A new window will open. Recommended: click yes to copy shapes from the CLU layer. They can be deleted later if necessary.



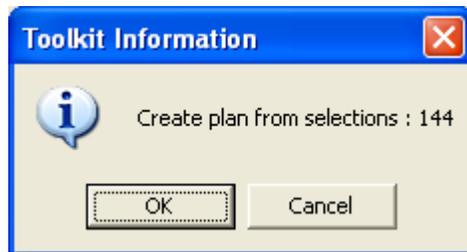
# Adding Land Units in ArcGIS

4. A new window will open.
  - Source Layer: CLU
  - Query By: Tract Number
  - Search for item:
    - Type in tract number. Click Search. OR
    - Hold down CTRL and click to select multiple tracts

Click OK



5. A new window will open. Click Ok.
  - Shapes will be added to the view.



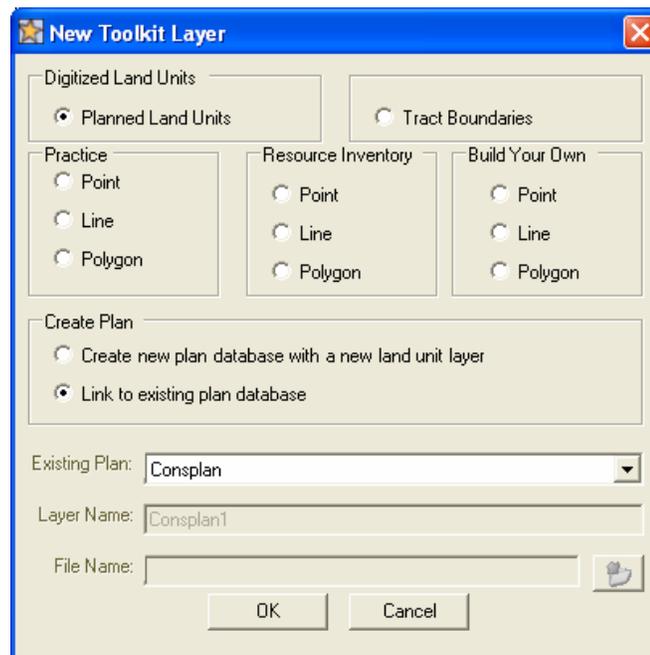
- Make changes to the land units if necessary. When finished, select 'Stop Editing' from the Editor Toolbar. Save your edits.

6. The shapes must be attributed.

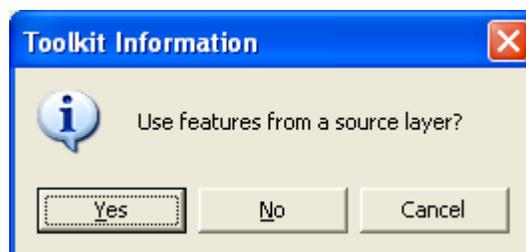
# Adding Land Units in ArcGIS

## Adding Planned Land Units to an Existing Layer

1. Click on the **Select a Plan** icon  and load the plan database for which you want to create spatial features.
2. Click on the **Create New Layer** button  .
3. A new window will open.
  - In the Digitized Land Units box, select 'Planned Land Units'.
  - In the Create Plan box, select 'Link to existing plan database'.
  - Choose the existing plan from the list.
  - Click ok.



4. A new window will open. Click yes to copy shapes from the CLU layer. (see above for instructions). Click no to digitize by hand.

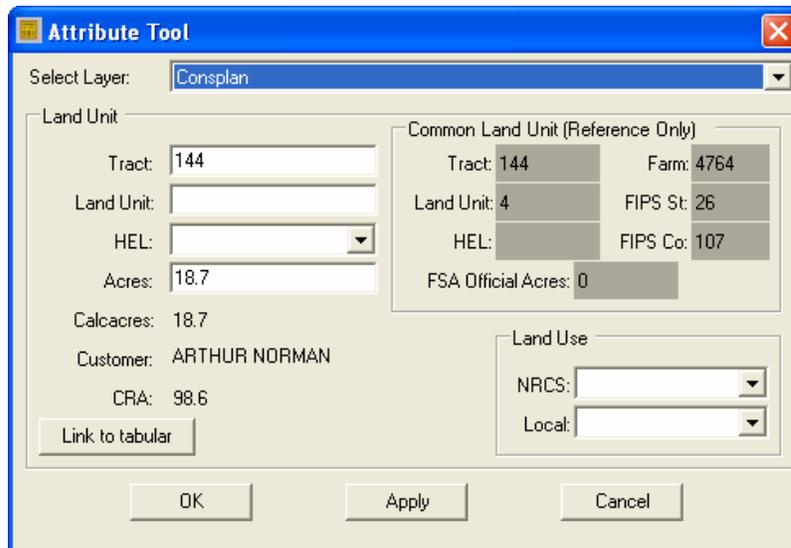


5. Make changes to the land units if necessary. When finished, select 'Stop Editing' from the Editor Toolbar. Save your edits.
6. The shapes must be attributed.

# Adding Land Units in ArcGIS

## Attributing Planned Land Units

1. Click on the **Attribute Tool** icon .
2. When the Attribute Tool dialog window appears, select the layer you wish to attribute from the drop-down list.
3. Select a land unit in the view. Then enter the required information (Land Unit and NRCS Land Use). Modify the acres if necessary.



**Attribute Tool**

Select Layer: **Consplan**

Land Unit

Tract: 144

Land Unit:

HEL:

Acres: 18.7

Calcacres: 18.7

Customer: ARTHUR NORMAN

CRA: 98.6

Link to tabular

Common Land Unit (Reference Only)

Tract: 144 Farm: 4764

Land Unit: 4 FIPS St: 26

HEL: FIPS Co: 107

FSA Official Acres: 0

Land Use

NRCS:

Local:

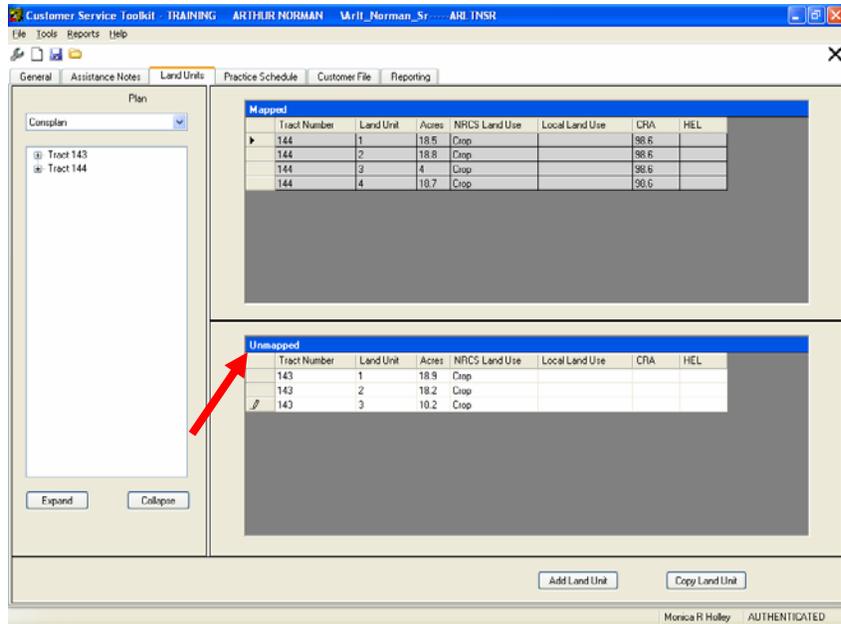
OK Apply Cancel

5. Click **Apply** to save the data and keep the window open. Select another land unit.
6. Click **OK** to save the data and close the window.

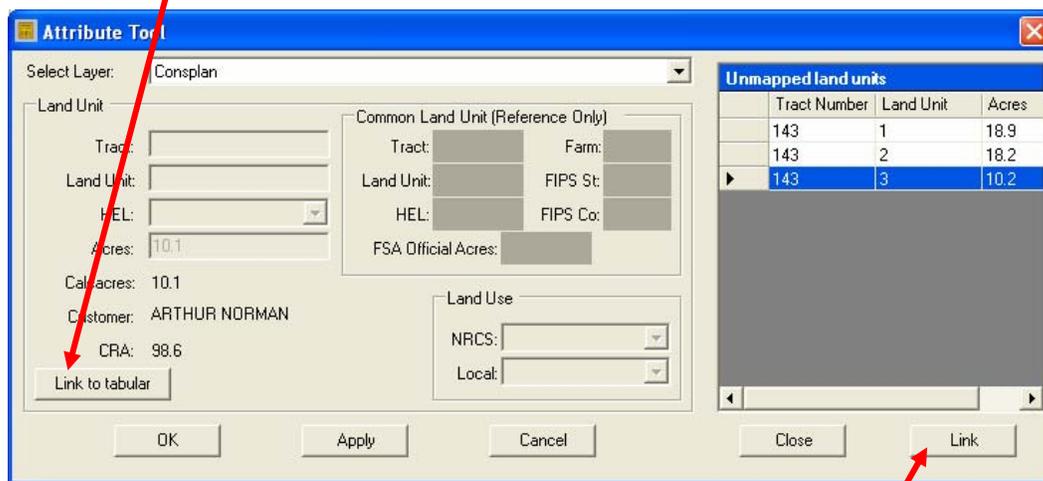
# Adding Land Units in ArcGIS

## Linking Unmapped Planned Land Units to Shapes

If Unmapped Land Units exist that need to be linked to shapes in a Planned Land Layer, follow the following steps.



1. Click on the **Attribute Tool** icon .
2. When the Attribute Tool dialog window appears, select the layer you wish to attribute from the drop-down list.
3. Select a land unit in the view.
4. Click on the **Link to Tabular** button to display the unmapped land units records available for linking.



5. Select the corresponding land unit record in the right side of the Attribute Tool dialog window. Click the **Link** button.

## Adding Land Units in ArcGIS

6. Click **Apply**.
7. Continue selecting land units in the view and linking them with the corresponding land unit records in the **Attribute Tool** dialog window.
8. When all land unit records have been linked, click the **Close** button in the **Attribute Tool** dialog window.
9. If you have additional land units in the view that did not have corresponding land unit records, you may use the **Attribute Tool** to enter the attribute data for the additional land units.
10. When finished, click **OK** to dismiss the **Attribute Tool** dialog window.