

# Create Gridded\_TR and Gridded\_REC Layers in Mapping

Last Modified on 01/10/2023 1:10 pm CST

**Q. How can soil test results and recommendations be displayed on a field map in a grid view rather than a surfaced view?**

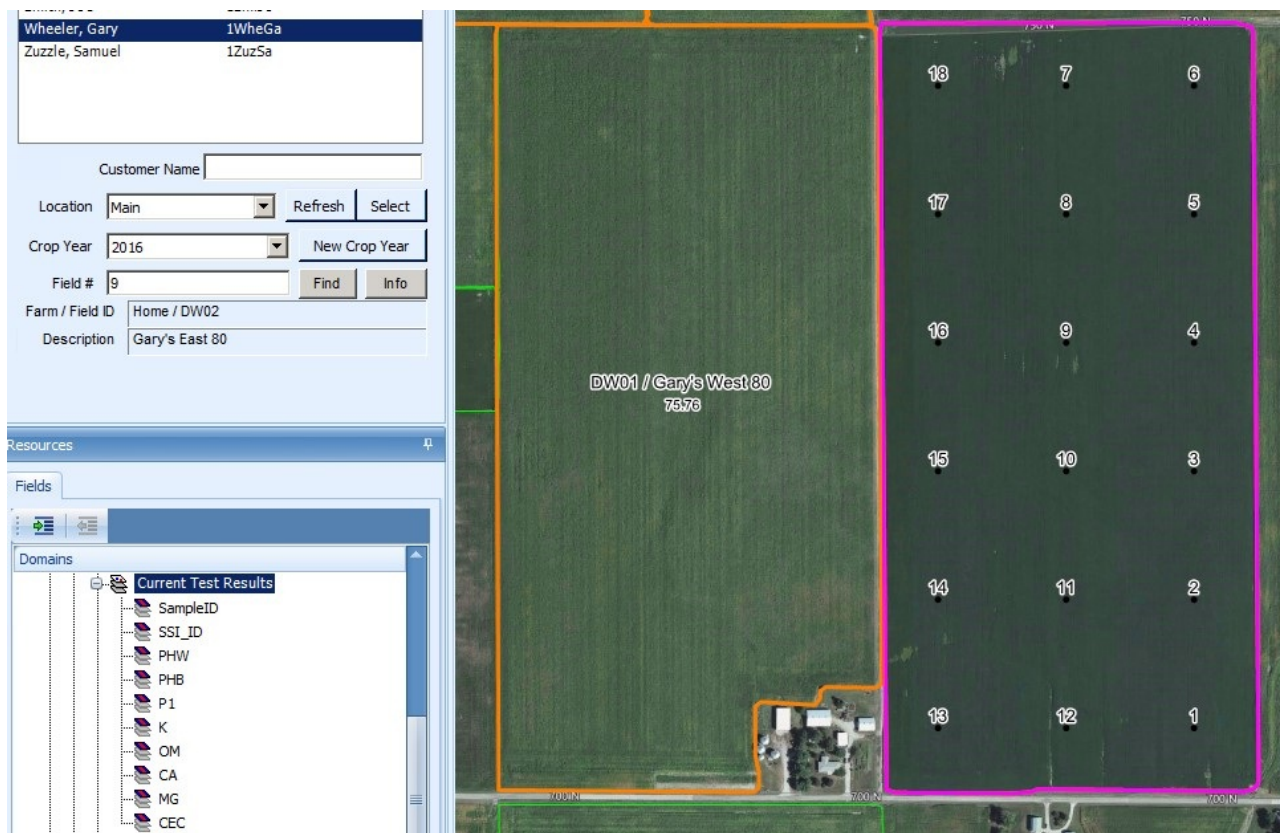
A. There are two ways to create the foundation Grid Layer. This may be setup manually, or use the *SSI / Create SSI Grids* menu item to automatically create this layer if no special setup is required.

To setup this layer manually, right-click on the field in the *Resources Tree*, and select *Create a New Layer / Create a New Region Layer*. Enter a *Name* for the layer, such as 'Grid Areas', and set *Layer Type* to *Grid*. On the *Attributes* tab, select the **Add Attribute** button. Enter a *Name* for the attribute, such as 'SSI ID'. Change the *Decimals* to '0'. Leave the other values at their default level. Select **OK**. (Notice that Mapping changed the attribute's name to *SSI\_ID*). Select **OK** to finish adding the layer.

To setup this layer automatically, select the desired Farm or Field in the *Resources Tree*. Navigate to the *SSI / Create SSI Grids* menu. Refresh Mapping, and the layers are created for the field(s).

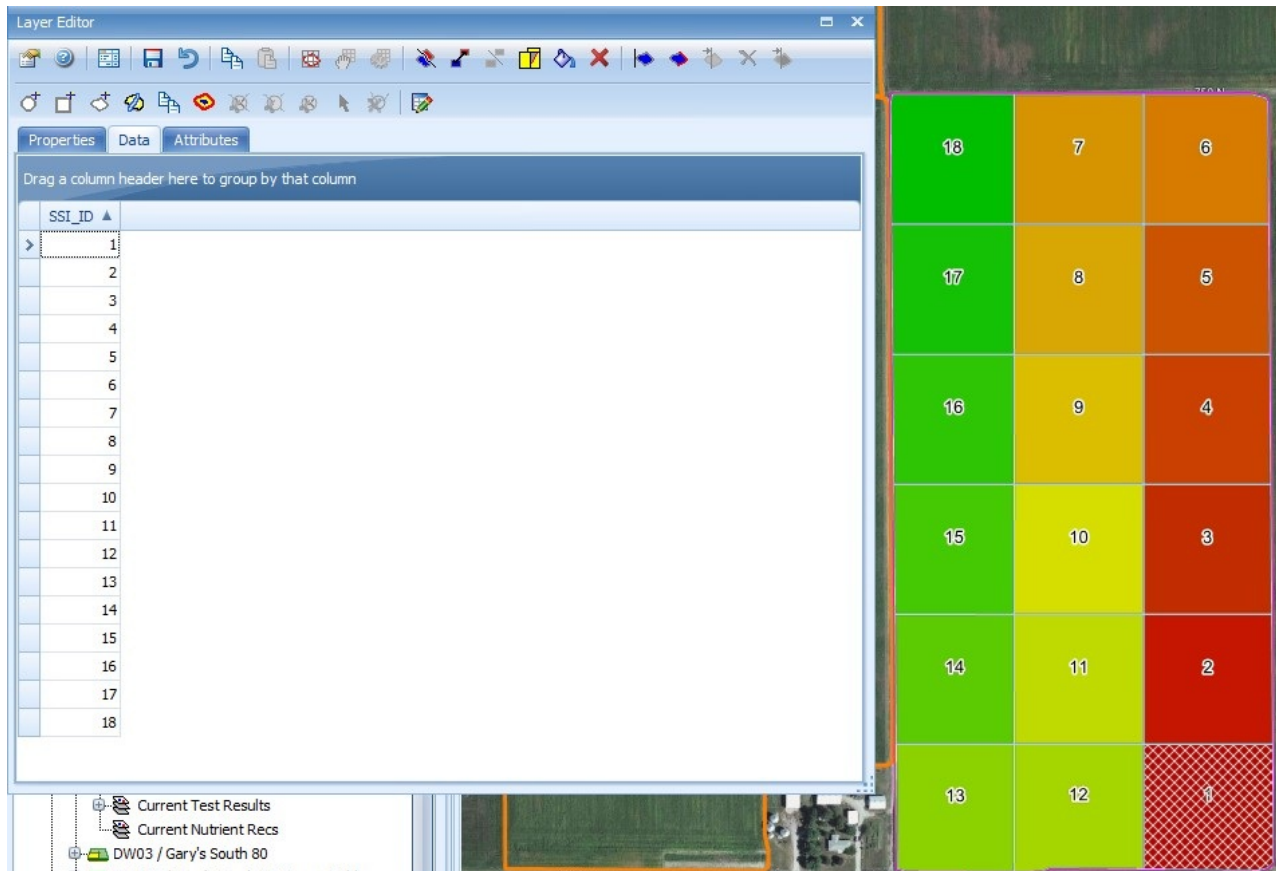
Select the *Current Test Results* layer in the *Resources Tree* for the field, and note the layout and numbering of the samples. An example for a field is shown below. It has 18 samples in a 3 column, 6 row grid.

**Note:** Grid areas may be setup using any type of zone needed, such as Modified Soil Type Zones, Veris Data, Historic Yield Zones, Custom Management Zones, etc.

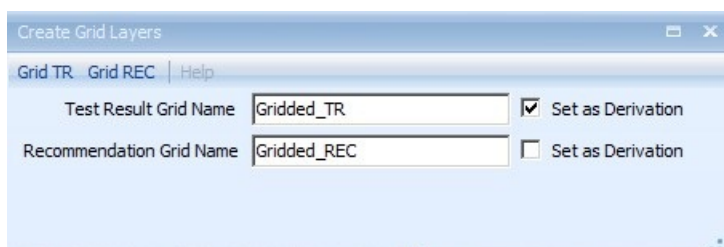


Select the *Grid Areas* layer in the *Resources Tree*, and then select *Layers / Layer Editor*. Choose the *Show Grid* icon and adjust the *Target Width* and *Target Height* to match the grid sample areas from the *Test Results* layer. Choose the *Move Grid* icon to reposition the grid as necessary to line up the grid edges with the field boundary. When the grid is set appropriately, select the *Snap Grid* icon.

The *Data* tab of the *Layer Editor* displays the *SSI\_ID* column so the grids can be numbered appropriately. Select a cell in the *SSI\_ID* column, and note the selected grid on the map. Enter the appropriate number in the cell for each grid. Choose **Save** when finished.



Select the field in the *Resources Tree* and press **F5** on the keyboard to refresh. Navigate to *SSI / Create Grid Layers*. Choose *Grid TR* in the top left corner to create the Gridded Test Result layer. Choose *Grid REC* to create a Gridded Recommendation layer.



With the field selected in the *Resources Tree*, press **F5** on the keyboard to refresh.

Wheeler, Gary	1WheGa
Zuzzle, Samuel	1ZuzSa

Customer Name

Location  Refresh Select

Crop Year  New Crop Year

Field #  Find Info

Farm / Field ID Home / DW02

Description Gary's East 80

Resources

Fields

Domains

- DW02 / Gary's East 80
  - Plots
    - Gridded\_TR
      - SSI\_ID
      - PHW
      - PHB
      - P1
      - K
      - OM
      - CA

