

M2- T4 Managing Data - Working with Boundaries

Managing data or Yield Mapping refers to the process of collecting georeferenced data on crop yield and characteristics, such as moisture content, while the crop is being harvested.

Yield maps are one of the most valuable sources of spatial data for precision agriculture. A long yield history is essential to avoid drawing conclusions that are affected by the weather or other factors during a particular year. Typically, at least five years of yield maps are desired.

Instructions

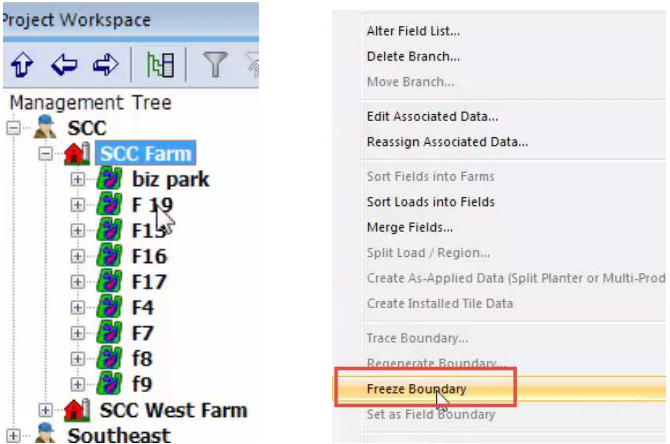
- M2 - T4 Managing Data
- **Video:** Freeze Merge Move Boundaries

Activity

Work through the tutorials

Working with Boundaries

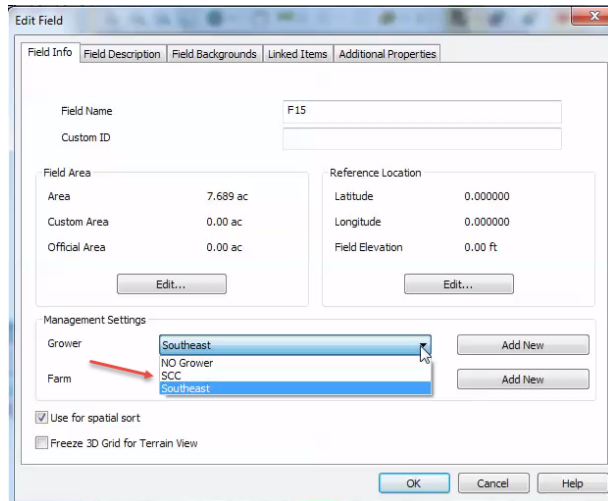
Review video: Freeze Merge Move Boundaries

Instructions	Screenshots
<p>Open SMS if you closed after the last session.</p> <p>The first thing we need to do is establish good boundaries.</p> <p>Freeze Boundaries</p> <ol style="list-style-type: none"> 1. Collapse the Management Tree 2. Right Click on <i>SCC Farm > F19</i> 3. Select Freeze Boundaries <p>If you go to Create a New Map you will see that it will freeze the boundaries.</p> <ol style="list-style-type: none"> 4. Manually go back into SCC Farm and freeze boundaries for all the fields. 	

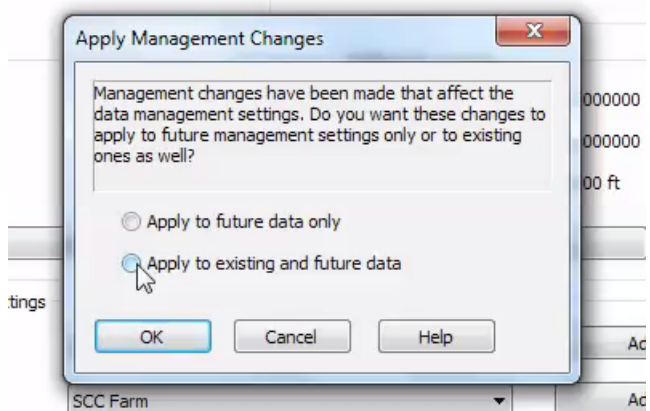
Move and Merge Fields

We are going to clean up the number of fields represented. We want to move up all the data from the Southeast Grower under SCC.

1. **Right click** on *Field F15*
2. **Select** *Edit Item > Field Info*
3. **Select** *SCC* under Grower
4. **Select** *SCC Farm* under Farm.



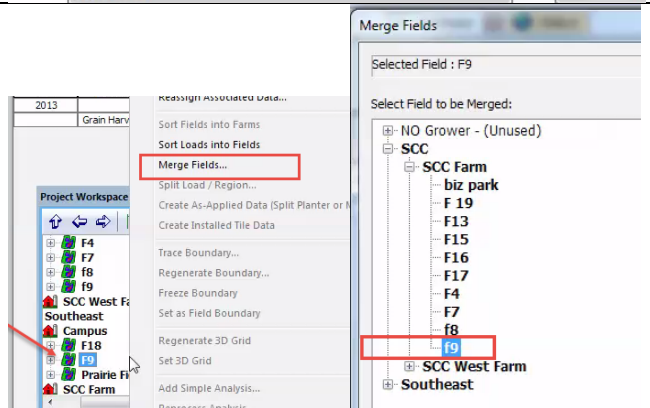
5. **Select** *Apply to existing and future data*.



Merging two fields

Merge the *fields F9* under Southeast with the field *F9* under SCC Farm.

1. **Right click** on *Southeast > field F9* (select the field that you want to merge up.)
2. **Select** *Merge Field*.
3. Now select the field you want to merge with: **Select** *SCC > SCC Farm > f9*
4. **Check** to see if there are now two years under field f9.



- 5. **Merge or move all fields** under *Southeast* to the *SCC Farm*.

Continue on to next tutorial.

