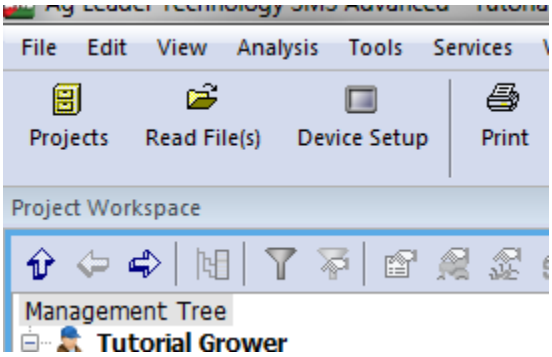
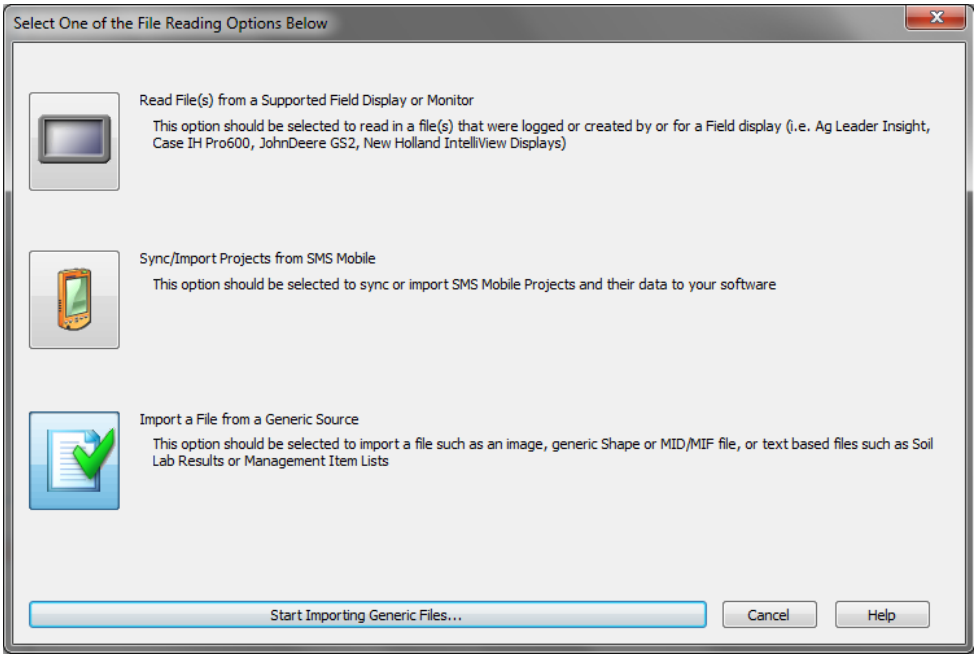
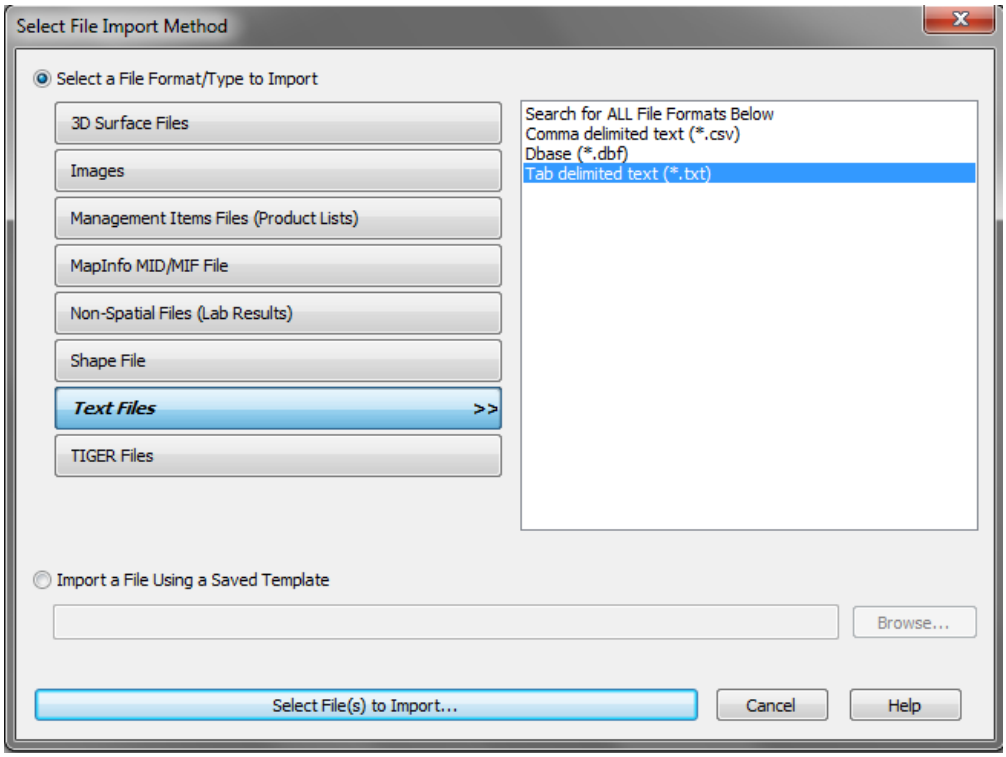
1. Bringing Clean Data back into SMS
   a. Locate the .txt file that was created from the USDA Yield Editor software and take note of the file location.
   b. Open Ag Leader SMS, and then open the project name that the cleaned yield file will go into.
   c. Once SMS is opened, click on the **Read Files** icon in the upper left portion of SMS.



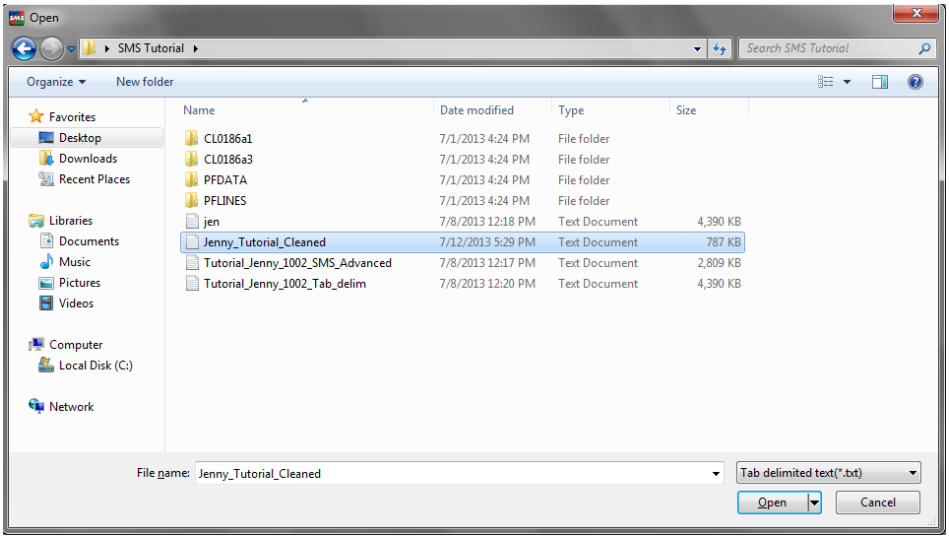
   d. Once the new window opens for reading in new files, select **Import File from a Generic Source** and then click on the **Start Importing Generic Files button**.



   e. In the Select File Import Method window, select Text Files form the list on the left hand side and then highlight the Tab Delimited text (*.txt) file format. Then click on the Select Files to Import button to choose the file to be imported. Note: The USDA Yield Editor software allows us to export either a .txt file or .csv file. You can import either file format during this step, just be sure to import the appropriate file format here before continuing to choose the file.

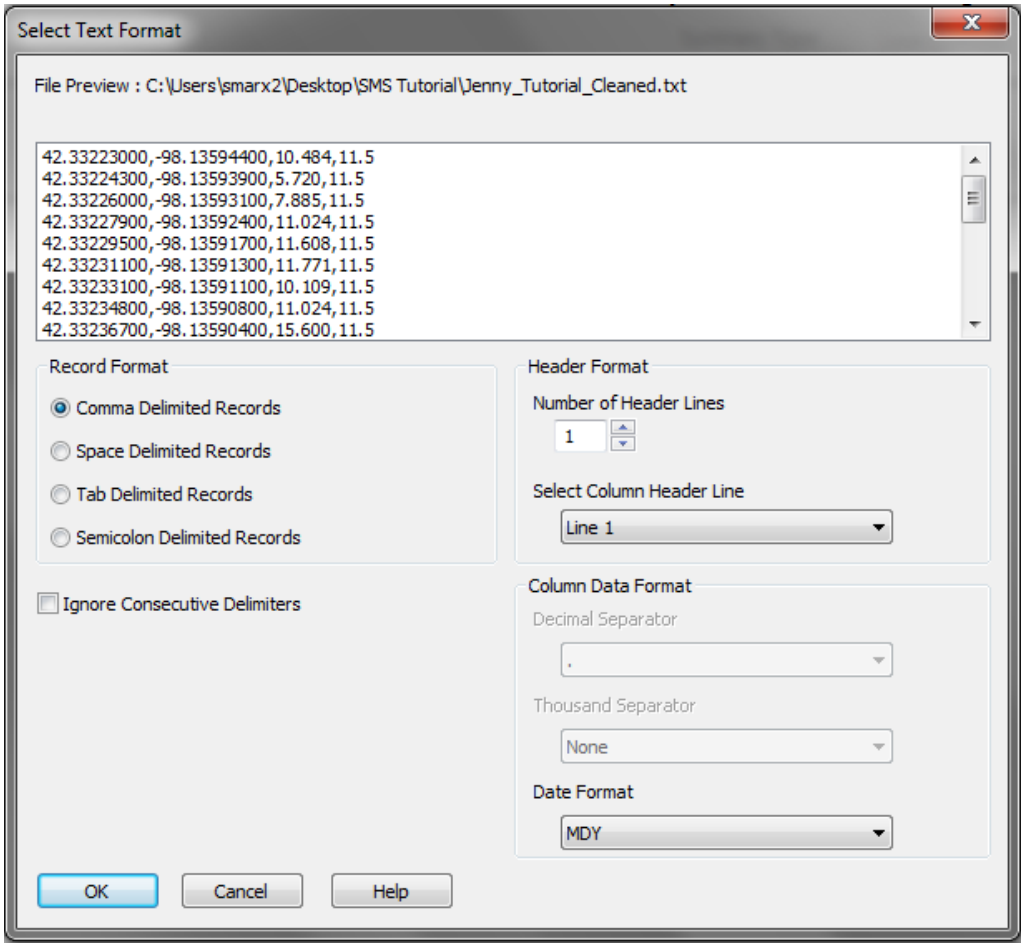


f. In the File selection window, locate the .txt cleaned yield file that we took note of at the beginning of this tutorial and select that file. Once selected, open the file.

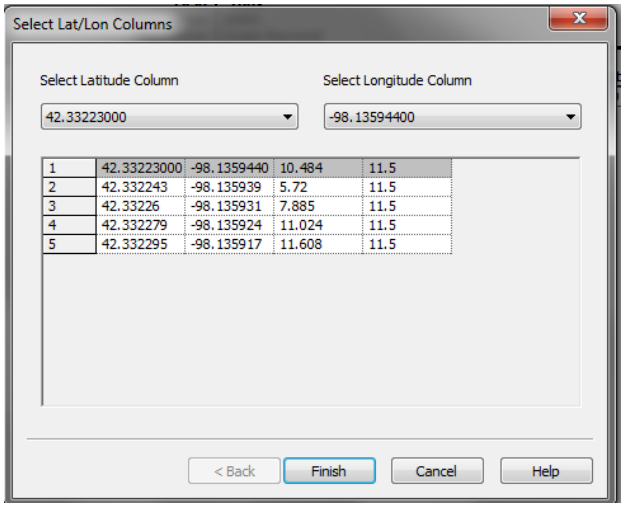


g. In the window that comes up after selecting the file, choose the appropriate formatting characteristics of the file we wish to import. For this example, notice that the file columns are separated by commas with no spaces, so choose **Comma Delimited**

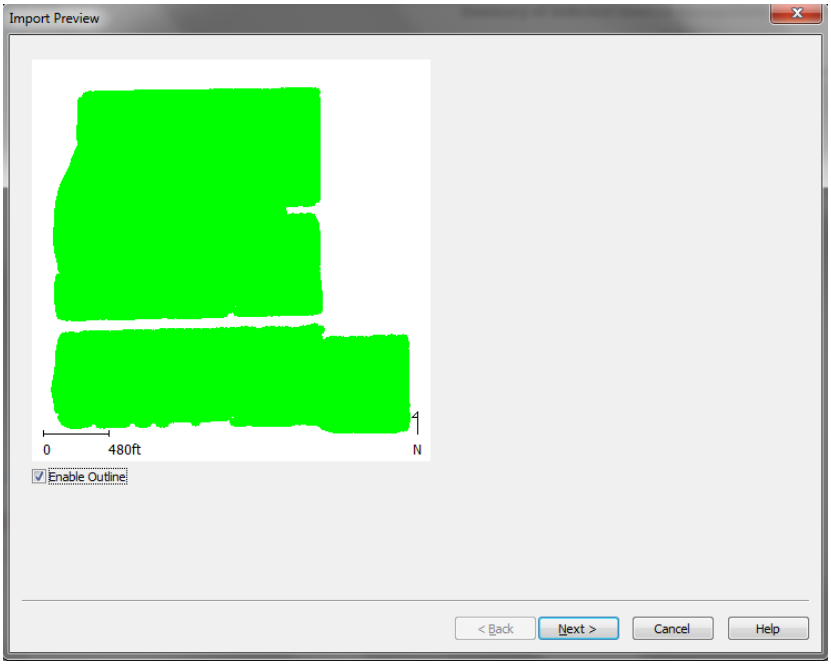
Records. This will allow SMS to segregate the information by columns. After checking the format characteristics, click **OK**.



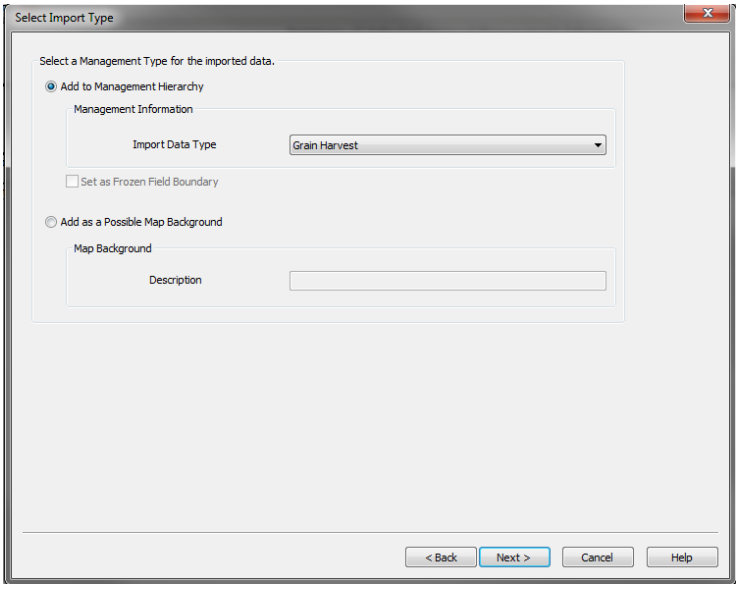
h. In the next window, choose the Latitude and Longitude in the drop down boxes based on the columns of the imported file. Then Click on the **Finish** button.



i. This will give us a preview of what the imported file will look like. This is a good time to do a sanity check to make sure that the field at least looks correct. Note: If you forgot to uncheck the UTM coordinates and check the Lat/ Lon coordinates during the export process of Yield Editor software, the map of the field will not look like the original. If the map looks correct, click on the **Next** button.

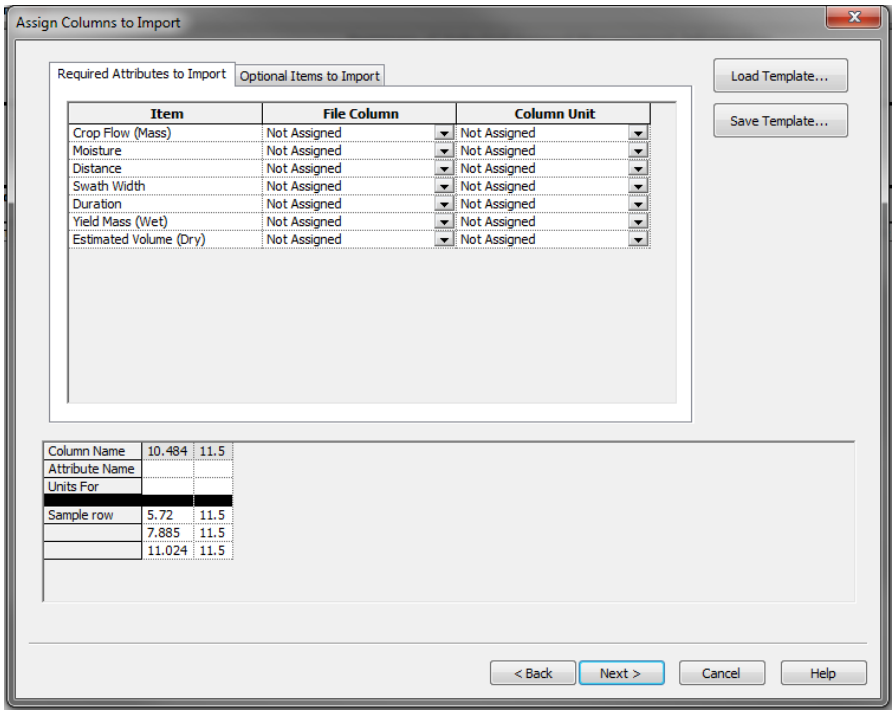


j. The next window will give us some options on how we want to import the data. For example this particular set of data is yield data, so we can choose **Grain Harvest** in the top drop down box. Click **Next** after choosing the appropriate data type.

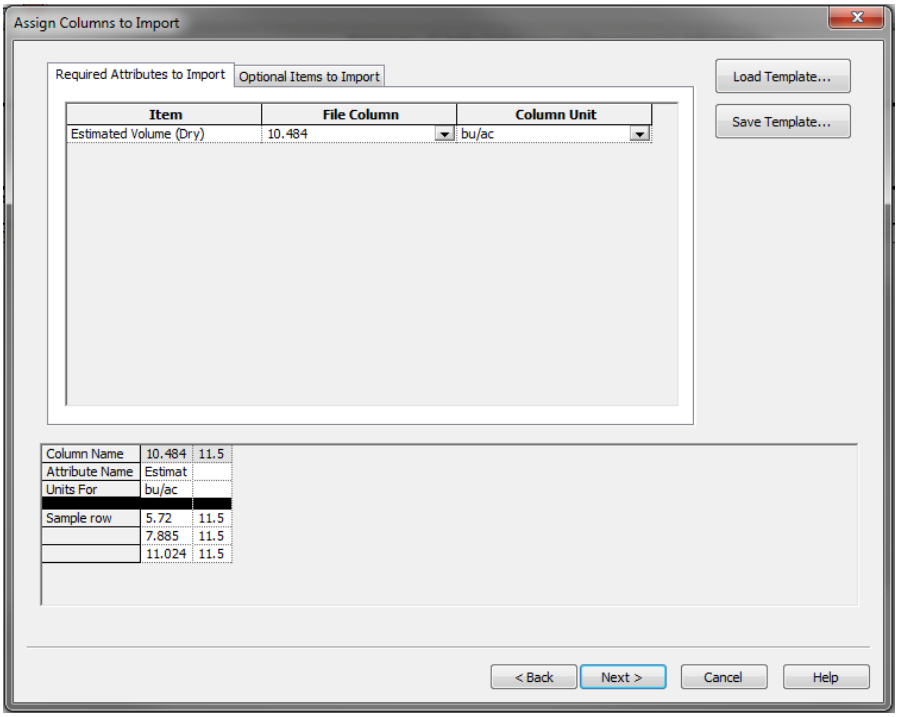


k. The next window gives the ability to assign different attributes for the data set. From the .txt file that was created from the USDA Yield Editor software, the third column was

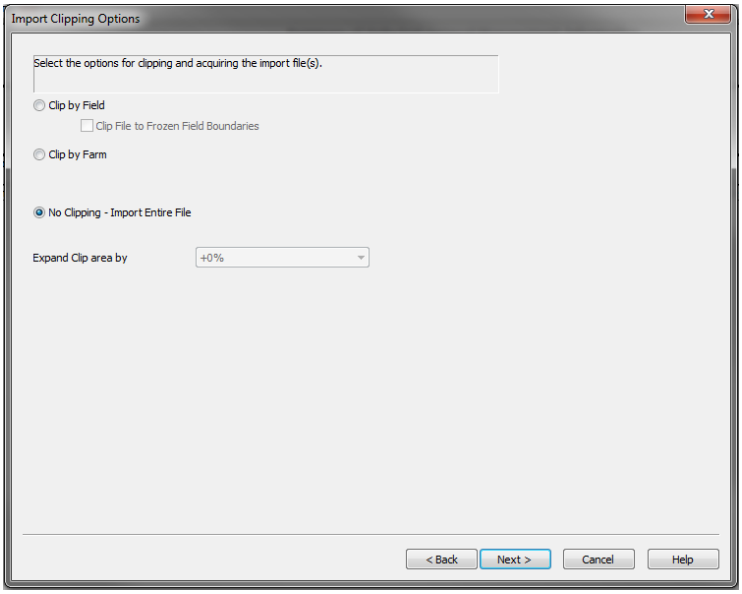
our cleaned yield value. The yield value (Estimated Volume (Dry)) can now be assigned based on the column of the cleaned yield file. Be sure to not only designate the file column but also the units for that column, for this example it's yield so bu/ac is the desired units.



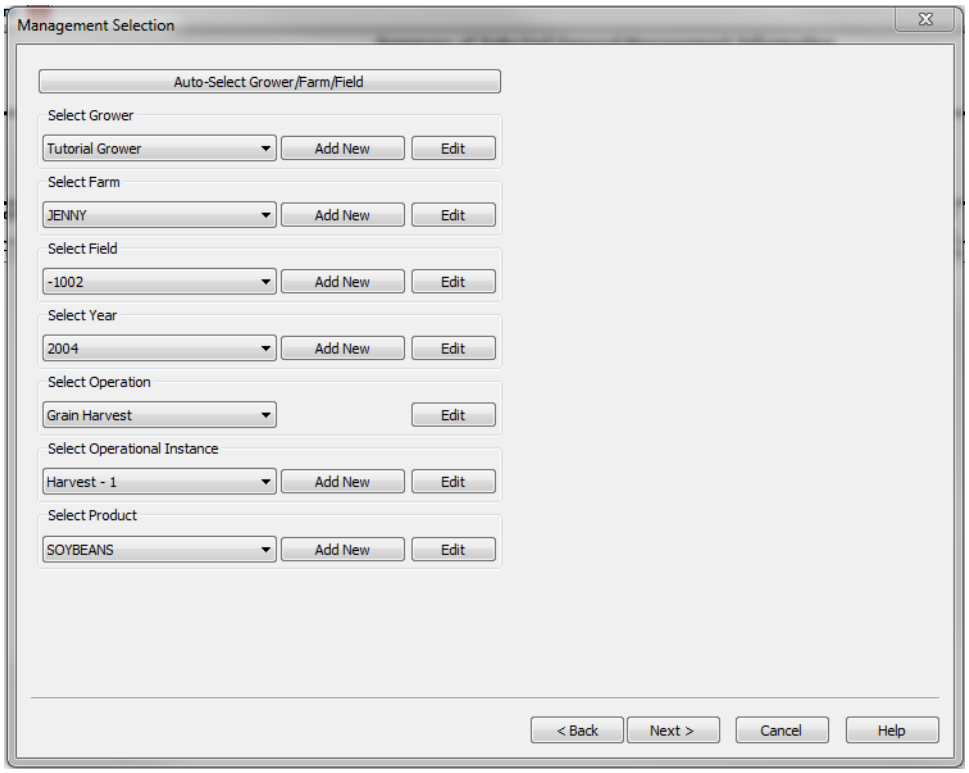
After verifying the dataset is properly assigned, click **Next**.



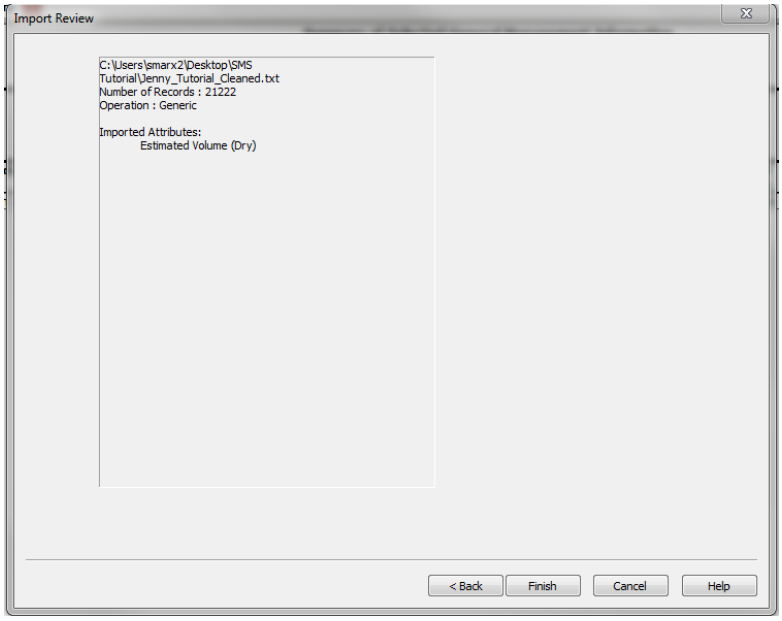
l. The next window allows us to clip to a field boundary if we wish. For this example I will leave it at the default of **No Clipping** and then **Next**.



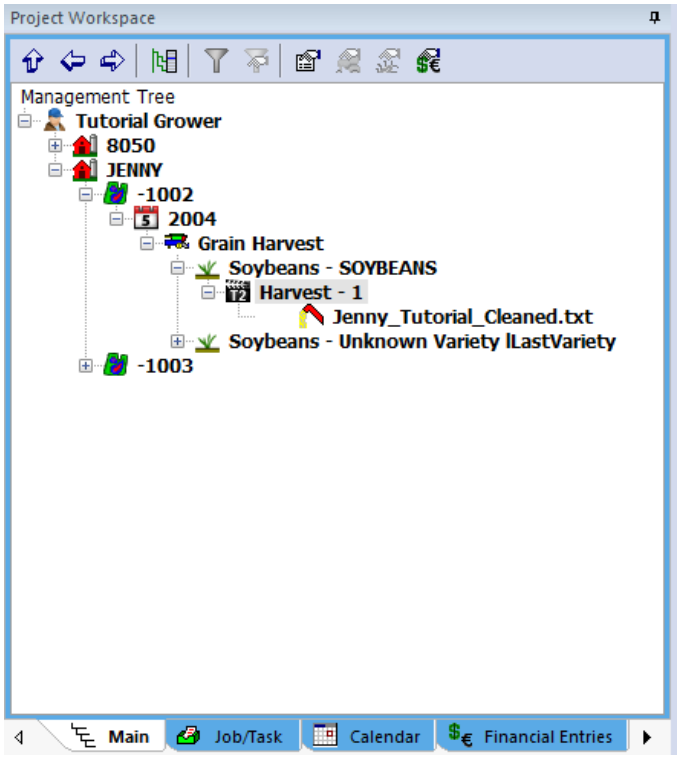
m. The next step allows us to choose where we want the data to go as per the hierarchy Grower/Farm/Field. If the Lat/Lon coordinates are correct, you should be able to click on Auto-Select Grower/Farm/Field and the correct information should auto populate in the drop down boxes. You will have to choose the correct year or it will auto populate to the current year, as well as select the product or it will remain blank. After verifying all the information is correct, click **Next** to continue.



n. The next window will give a summary of the import information for us to verify it is correct. If it is, click **Finish** to import the cleaned data.

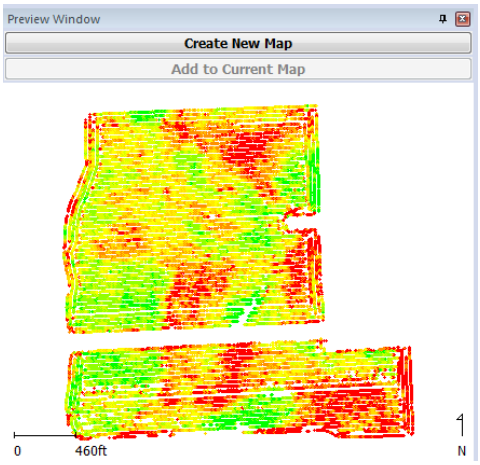


o. This will generate a new set of data under the Grow/Farm/Field under the Project Workspace Management Tree. Expand the attribute file of our cleaned data set.

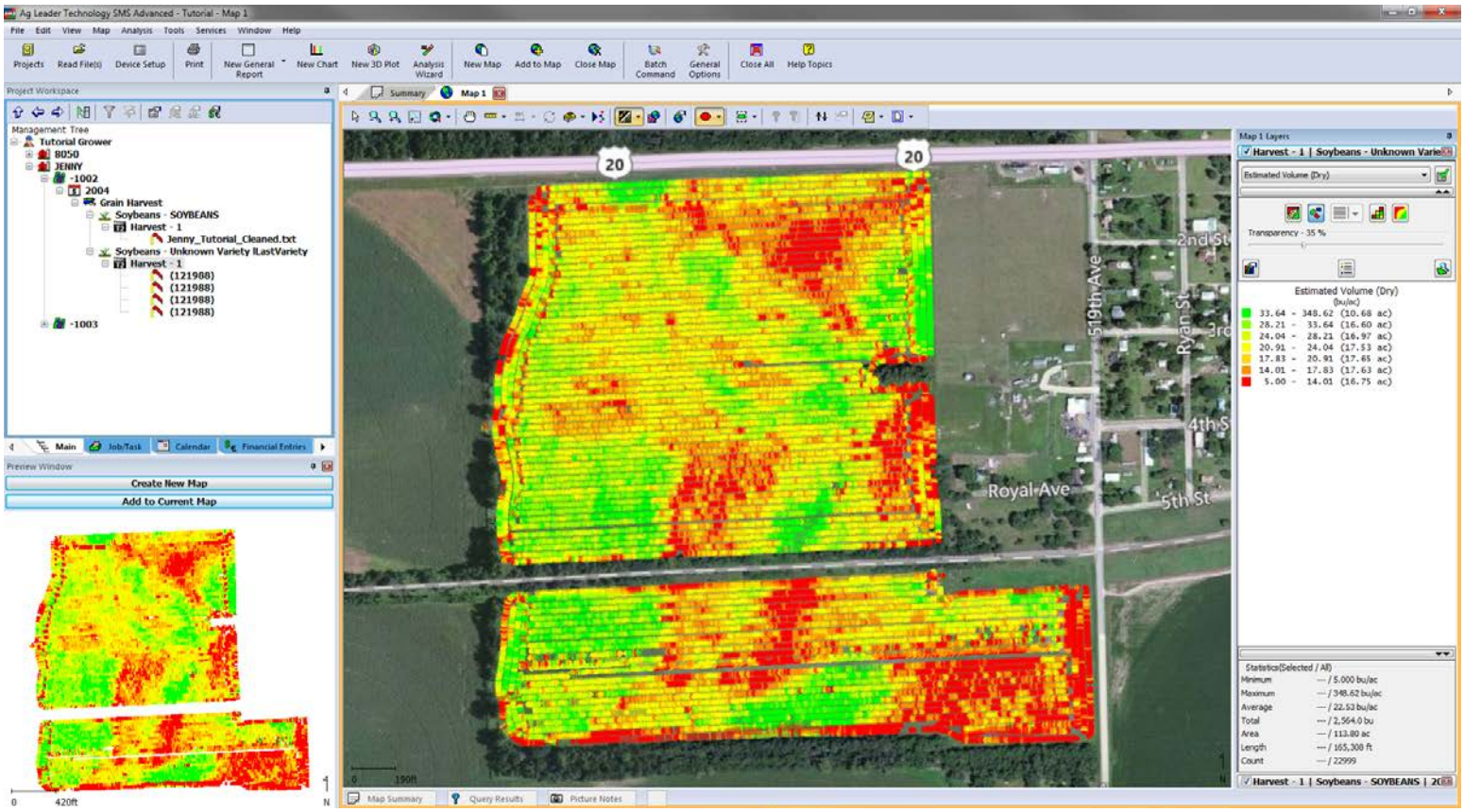


p. Once we see that our data imported, we can do a quick check to verify that it looks correct on the map. Single click on Harvest-1 of the cleaned data set and then click on

Create New Map under the Preview window. Tis will add the map to the current layer. If you have an aerial image for a background, the new map should line up correctly.



q. If you want to quickly compare the cleaned data set to the original, you can do so by selecting the original harvest data from the management tree and then select Add to Current Map. The use the transparency scroll bar on the right to make the original data transparent to the cleaned data. This simply verifies fitment of the new data and gives us a quick visual representation of what the cleaned data look like in comparison to the original.



r. This completes the Import Cleaned Data tutorial.