

## Mapping from NRCS Website

1. Search NRCS Geospatial Data Gateway.  
(<http://datagateway.nrcs.usda.gov/>)
2. Click on "Get Data" (Round, green button on top right of site page)
3. Continue through steps
  - a. Select State
  - b. Select County/Counties
  - c. Scroll down page to Soils category (Almost to the bottom of page.)
  - d. Select: Soil Survey Spatial and Tabular Data (SSURGO 2.2)
    - i. There may or may not be options to choose the projection/format. (If there is, I chose ESRI Shapefile WGS84)
    - ii. For Delivery: Choose: FTP (This is the FREE option. It will send a copy to your email)
  - e. Put in contact information (EMAIL is IMPORTANT HERE!)
  - f. Click PLACE ORDER on left portion of screen
4. Check your email. Within a couple of minutes, you should have your information.
  - a. You will receive a separate email for each county you selected
5. Open email. You should find in it where it says ORDERED ITEMS & it will give you a link. Click on this link and select save (It is easier to keep track of the data if you make a new folder when you save it.)
  - a. The file will save as a zipped file.
  - b. Make sure to extract compressed file
6. Click Soils -> wss\_SSA -> OH101 (or whatever your county number is) -> Spatial -> soilmu\_a\_101 (shapefile is what you will use)

### **To use this information in FarmWorks:**

1. On the left hand side of the screen under your grower name, right click the field name that you want to import information for: then choose import background (2/3 of way down)
2. In the OPEN box, select the information that you previously downloaded. (OH101 -> Spatial -> soilmu\_a\_oh101)
  - a. **\*\*Be sure to check the tiny box that says “Clip background to field boundary” at the bottom of this OPEN screen. If you do not do this, you will not be able to apply it to just your field boundary & it will make a soil background of the whole area.**
3. Now go to your field on FarmWorks
  - a. Double click soilmu\_a\_oh101 (Doing this makes it so that it shows up on your field)
  - b. Click MUSYM in the second column at the bottom. (This will make it so that the soil types are differentiated by different colors and therefore easier to see.)

### **\*\* For Watershed data:**

Follow the same steps, but instead of selecting soil (Step 3d) select 8 Digit Watershed Boundary Data Set (under the heading Hydrologic Units)

Choose:

Format ESRI Shape

Projection Geographic WGS84