

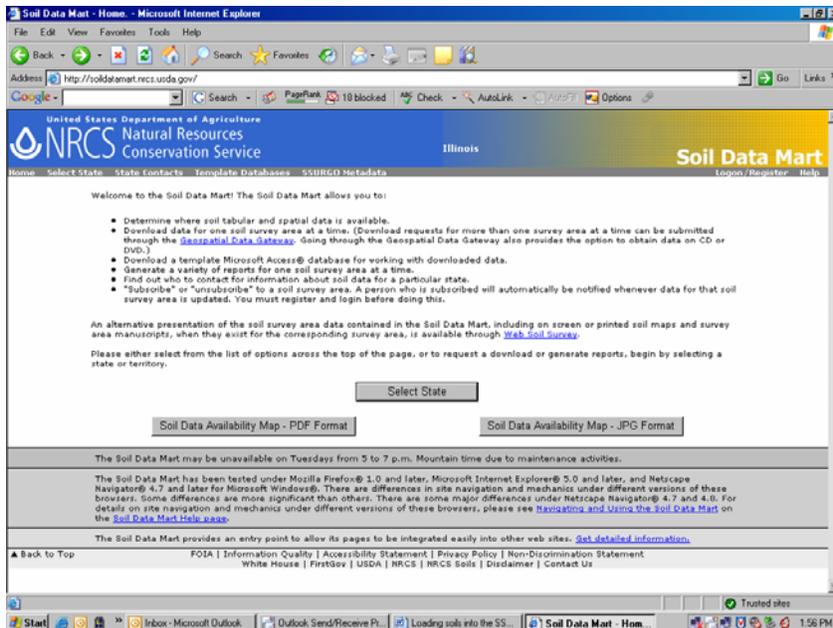
# Loading soils into the SSURGO Access template for WIN-PST.

## Introduction: WIN-PST 3.0 Soils

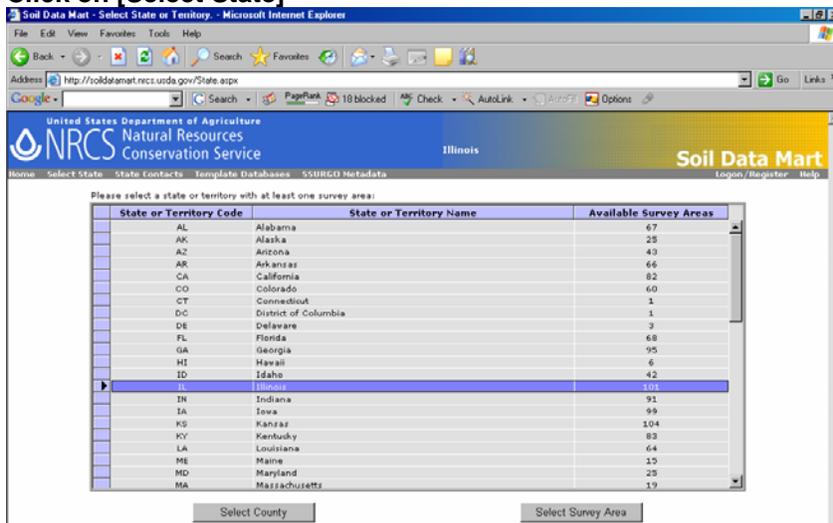
WIN-PST takes soils directly from the SSURGO soils database (SSURGO Version 2.1 format). This soils database is the soils data source for the Tool Kit and is typically found in Section II of the Field Office Guide (C:\Field\_Office\_Tech\_Guide\Section\_II). If not found in Section II Field Offices should start with #2 on page 6 or download it from the [Soil Data Mart](#). TSPs can download the soils data from the [Soil Data Mart](#) using instructions starting at #1 on page 1. The soils database requires MS Access. Make sure that if you have a laptop, that you don't put it on a remote shared drive that is not available when you are not connected to the LAN (Local Area Network.) For more detailed information on setting up WIN-PST 3.0 to use SSURGO Version 2.1 format soils data see "WIN-PST 3.0 Getting Started".

## #1) How to Get the Soils Data you Need (SSURGO) form Soil Data Mart:

- Go to Soil Data Mart <http://soildatamart.nrcs.usda.gov/> the Soil Data Mart page appears

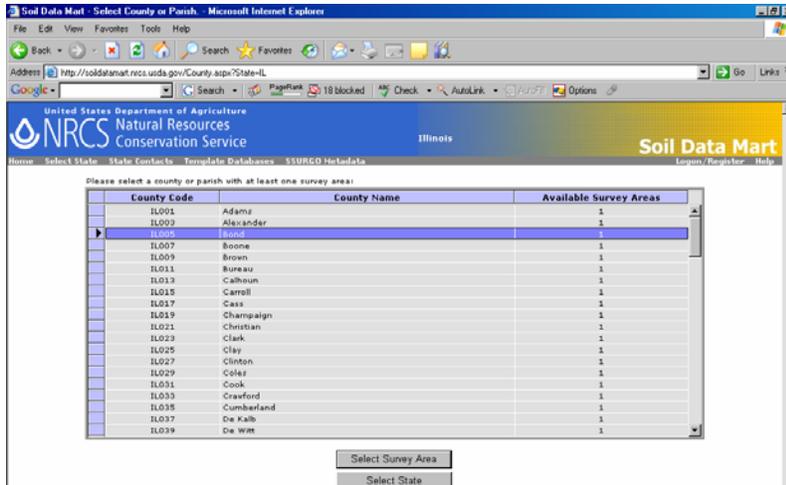


## Click on [Select State]

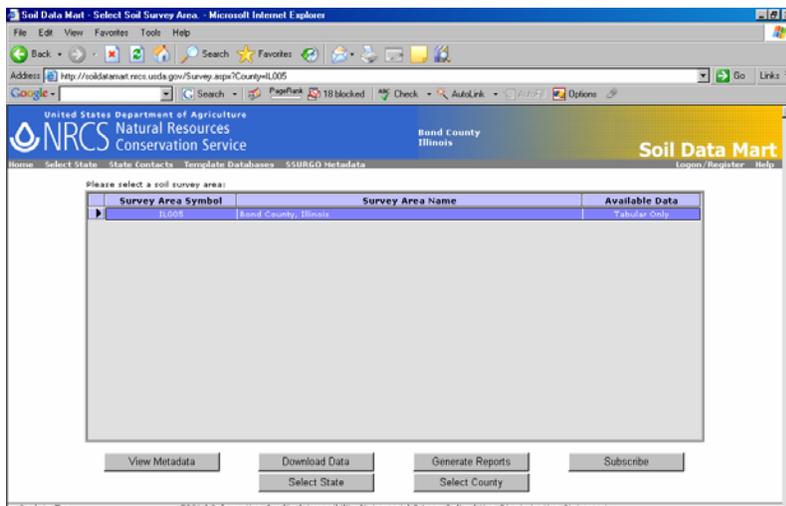


Highlight the desired state then click [Select County]

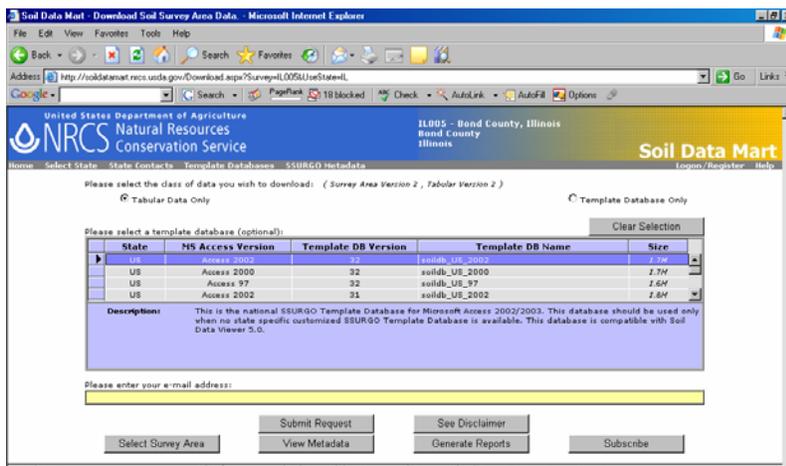
# Loading soils into the SSURGO Access template for WIN-PST.



Highlight the desired county, then click [Select Survey Area]



Click on [Download Data]

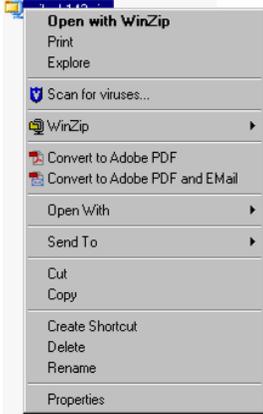


Choose the type of Template - Click Tabular. Enter your email address. Highlight one of the Access Versions. Last click [Submit Request]. When the database is ready to be downloaded you will be notified by email with a link to the database.

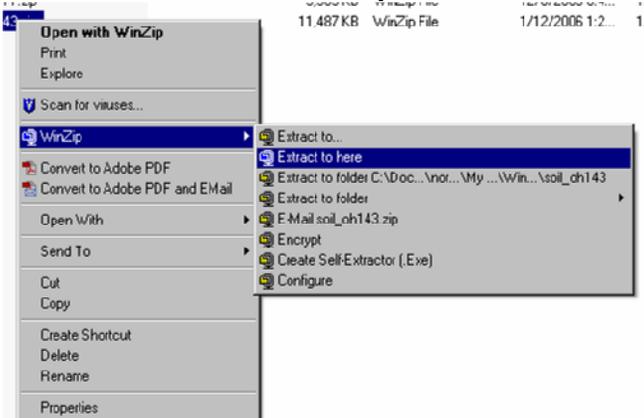
## Loading soils into the SSURGO Access template for WIN-PST.

The Database that will be downloaded will be a Zipped file.

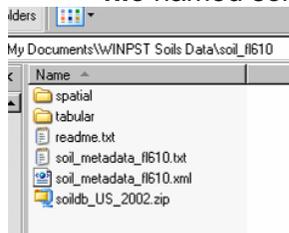
1. **Before Downloading:** Somewhere on you on your computer create a file folder for Soils Data e.g. C:/Soils Data. This is where you can download the Zipped database(s) that you download.
2. **Download the database** The file that is downloaded will be zipped and appear e.g. **soilfl\_610.zip**. Copy the file to your “Soils Data” folder that you created.
3. Once the zipped soil data file is downloaded from the Soils Data Mart, **unzip it**. The easiest way to unzip the file is with the right mouse button. **Highlight** the file and **click the right mouse button**. A menu should appear similar to the one below:



4. Select from the menu “**WinZip->Extract To Here**” (see below)

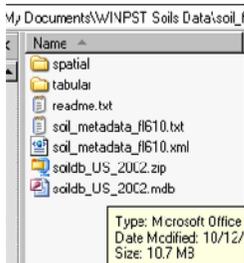
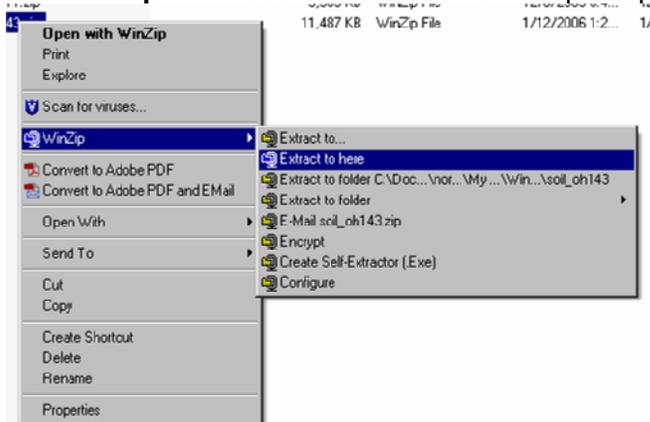


5. This will expand the zip files contents into a subfolder folder **with the same name as the zip file e.g soil\_fl610**. Contained in the “**soil\_fl610**” folder will be another **Zipped file** named something like **soildb\_US\_2002.zip** as shown below.



## Loading soils into the SSURGO Access template for WIN-PST.

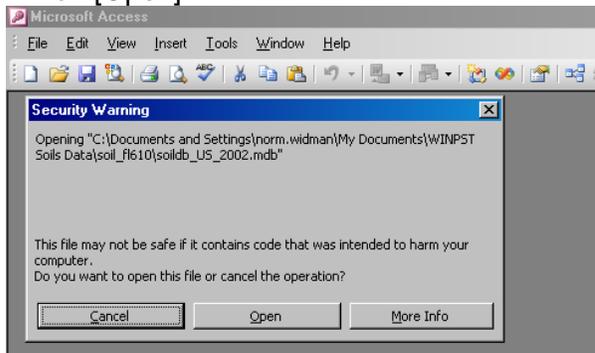
6. Now the **soildb\_US\_2002.zip** file must be unzipped using the same process as the previous zipped file. Highlight the **soildb\_US\_2002.zip**, and right click and select “WinZip->Extract To Here”. This will open up a file named **soildb\_US\_2002.mdb**



7. The **soildb\_US\_2002.mdb** MsAccess file at this point does not contain soils data. The next steps will lead you through the process to populate the “tabular data” into the **soildb\_US\_2002.mdb** file.

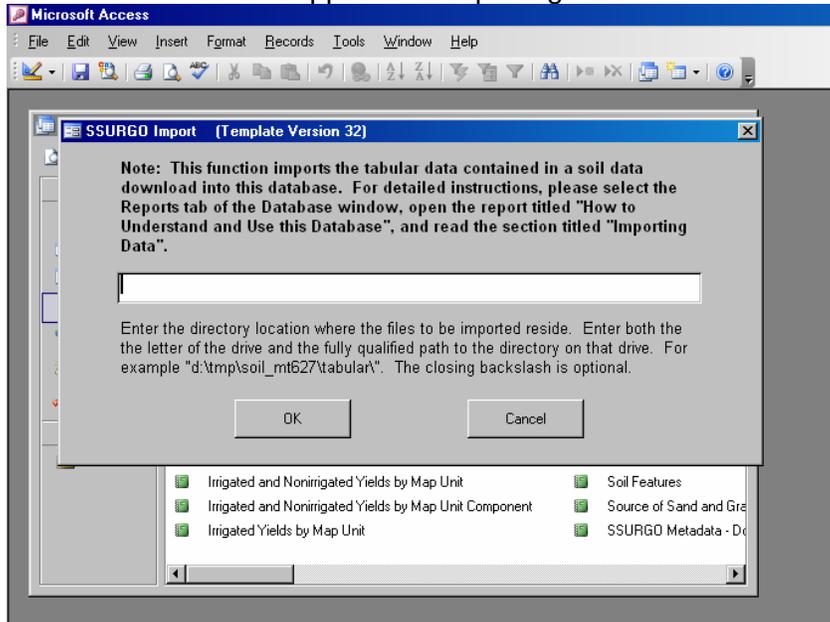
## Getting soils into the SSURGO Access Template (soildb\_US\_2002.mdb)

8. Double click the **soildb\_US\_2002.mdb** file – This will open the file in MsAccess. Click on [Open]



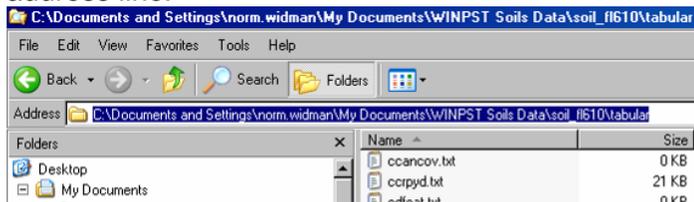
## Loading soils into the SSURGO Access template for WIN-PST.

9. The screen below will appear after opening the MsAccess file:

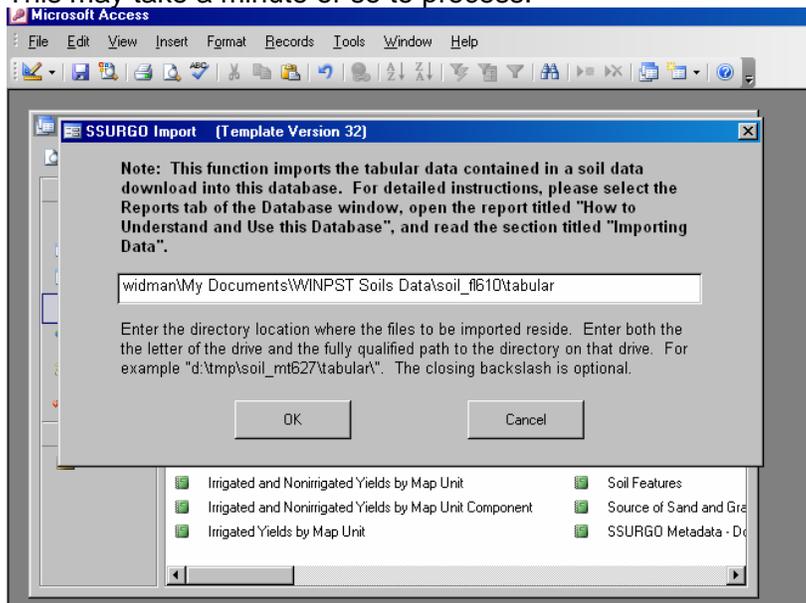


In the blank above is where you enter the file path for the “tabular data” that you want to import into the soildb\_US\_2002.mdb.

10. To enter the path it is recommended to copy the path from the Windows Explorer address line.

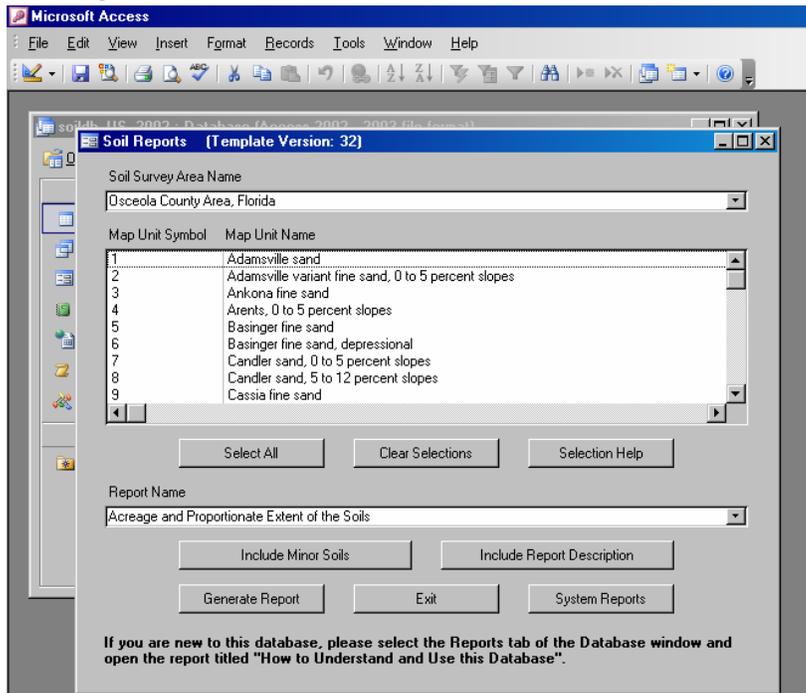


11. Copy the file path by right clicking on the address and select copy. Then go back to the blank on the SSURGO Import Screen and right click and paste the file path into the blank. Then click [OK]. The program will then process the “import” of the tabular data. This may take a minute or so to process.



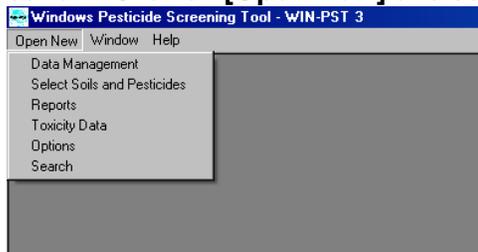
## Loading soils into the SSURGO Access template for WIN-PST.

12. When the import is complete the screen below will appear. Click **[EXIT]** and close/exit out of MsAccess. The import is complete and you are ready to use the soils data for WIN-PST.



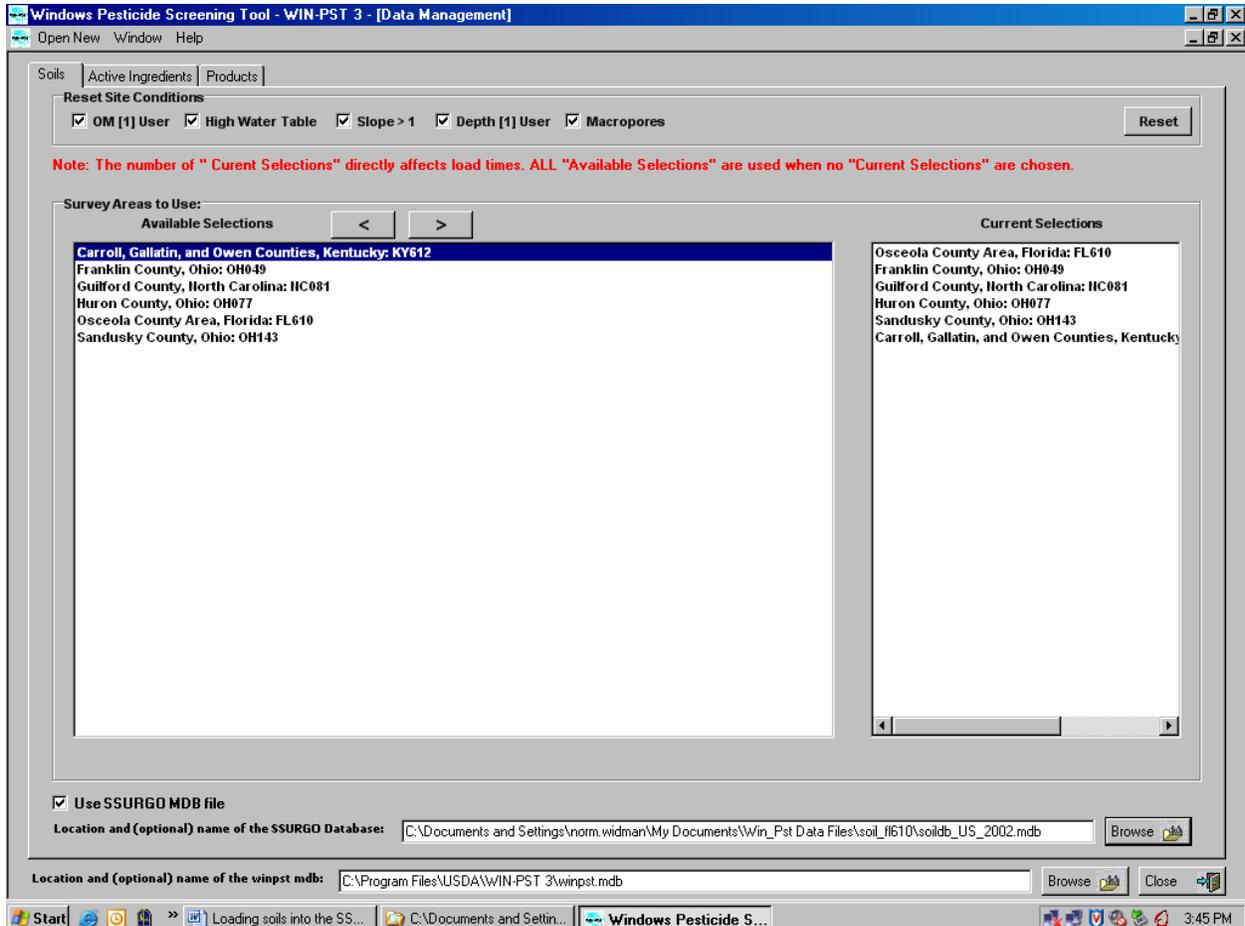
## #2) Loading the Soils Data into WIN-PST for use.

1. Open WIN-PST 3.0, close the existing database if necessary by clicking on the **[Close]** button. Click on **[Open New]** and select **[Data Management]**.



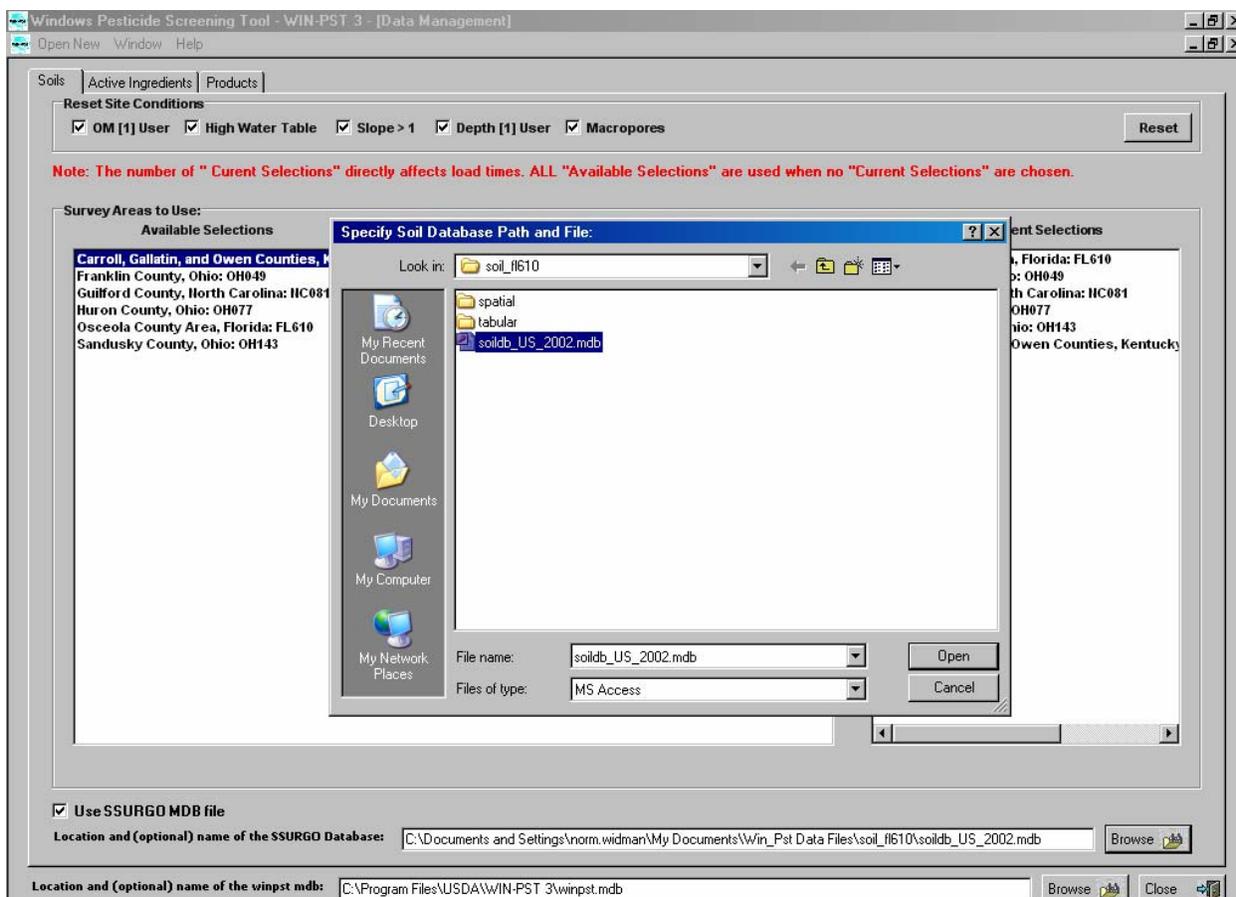
## Loading soils into the SSURGO Access template for WIN-PST.

- The screen below will appear. The first time you open WIN-PST 3.0 the MA soils database will be shown. Don't panic. This was loaded so there would be a default database in the program. You will now have the opportunity to load your database. The steps that follow will allow you to use **one soil database in WIN-PST 3.0**. Additional instructions will follow to import multiple Soil Survey Areas into the database as shown below.



1<sup>st</sup> put a check mark in [Use SSURGO MDB file]. 2<sup>nd</sup> Click on the [Browse] button to the far right of [Location and (optional) name of the SSURGO Database] and the screen below will appear.

## Loading soils into the SSURGO Access template for WIN-PST.



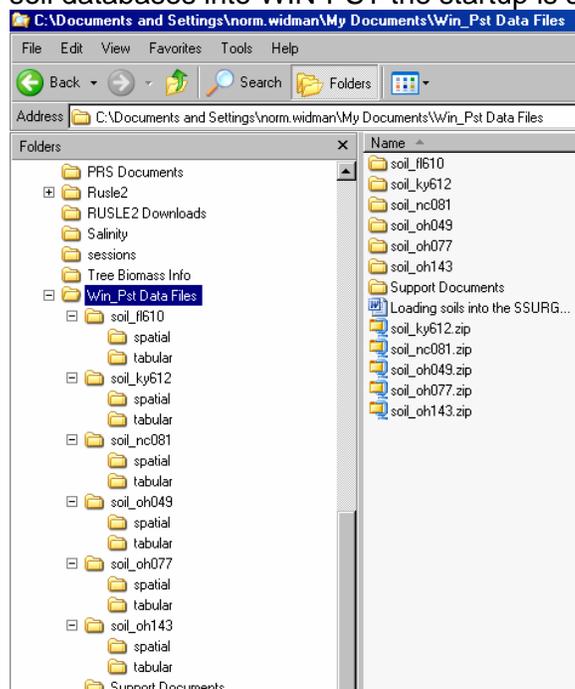
1<sup>st</sup> Navigate to the “MDB” that contains the soils data “soildb\_US\_2002.mdb” that you wish to use in WIN-PST. 2<sup>nd</sup> Highlight the file and click [Open]. This will return you to the WIN-PST data management screen. WIN-PST now knows where to get the soils data. 3<sup>rd</sup> Highlight the “Soil Survey on the left side of the screen, then Click the [ > ] to move the database to “Current Selections”. Click on [Close] button and you are now ready to select specific soils and pesticides to evaluate for pesticide hazards.

## Loading soils into the SSURGO Access template for WIN-PST.

### How to have “Multiple” soil databases available for WIN-PST.

**Discussion:** For many users of WIN-PST, you may need access to two or more soil databases. WIN-PST offers two (2) different options to have access to multiple soil databases.

**Option 1.** Have all the needed soil databases available in a sub-directory folder as shown below. This involves downloading the data from Soil Data Mart and processing the “.mdb” file to populate the tabular data into each .mdb file. With this option you can use the “Data Management” screen in WIN-PST 3.0 and [Browse] to the needed database e.g. **soildb\_US\_2002.mdb** in folder **soil\_fl610**. This loads one database into WIN-PST. This option will allow a faster startup for WIN-PST. When you load multiple soil databases into WIN-PST the startup is slower.



**Option 2.** Merge all the needed soil databases into **ONE** Soil Database .mdb file. This option allows the user to have all the available soil databases available within WIN-PST 3.0. However, the more soil databases added to the **ONE** database the slower the WIN-PST startup. With this option you essentially take tabular data from two or more “Soil Survey Areas” and import them all into **ONE** larger **soildb\_US\_2002.mdb** MsAccess file.

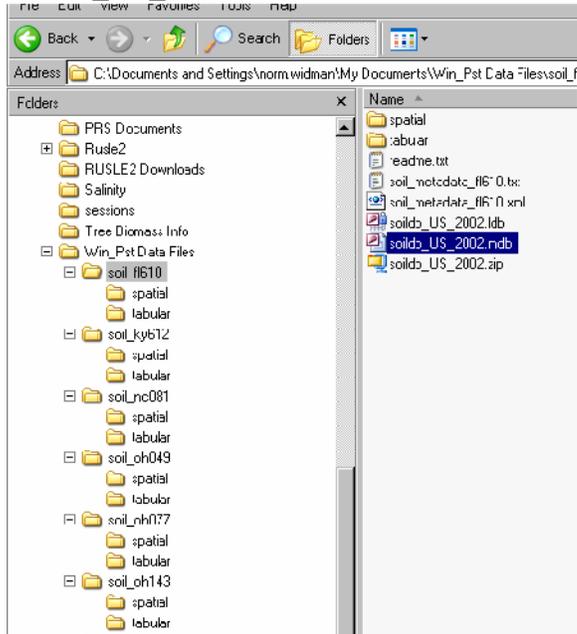
### Option 2 Procedure.

This procedure assumes that you have downloaded and saved all the necessary soil survey area databases on your computer and have the “tabular” data or the populated **soildb\_US\_2002.mdb** file. In essence what this procedure does is to import each “Soil Survey Area” (one at a time) into **ONE** large **soildb\_US\_2002.mdb** file.

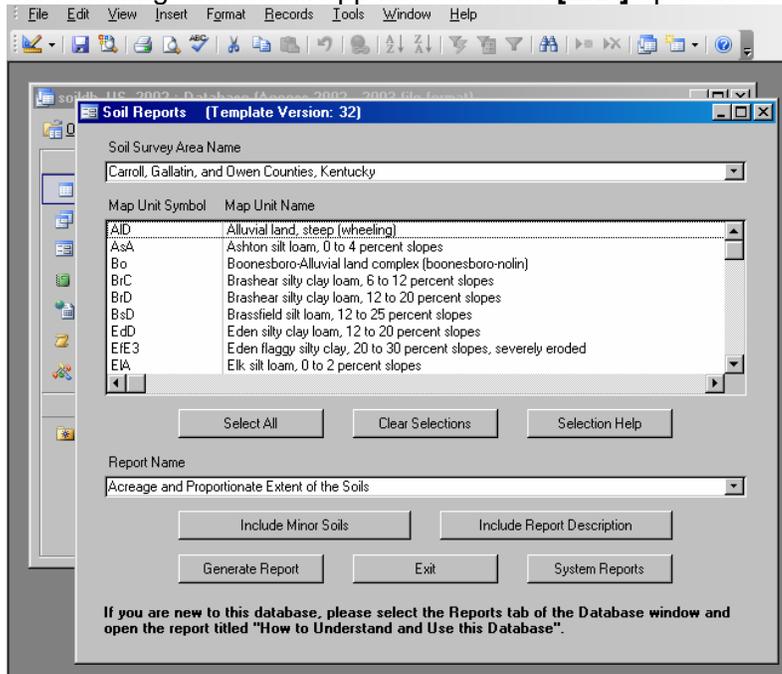
1. Close/Exit WIN-PST 3.0.
2. Open Windows Explorer and navigate to the folder(s) where you have the soils data for WIN-PST saved.

## Loading soils into the SSURGO Access template for WIN-PST.

3. Make a decision on which \*.mdb file you want to use as your “multiple” database file. For example, you may have six (6) different “Soil Survey Area” databases (e.g. soil\_fl610, soil\_ky612, soil\_nc081, soil\_oh049, soil\_oh077, and soil\_oh143), you need to choose a file to use as your multiple database file. We decide to use the “soil\_fl610 folder” with its associated MsAccess file, **soildb\_US\_2002.mdb**. This means that we are going to import the other five “Soil Survey Area” databases into the “soil\_fl610” **soildb\_US\_2002.mdb** file.

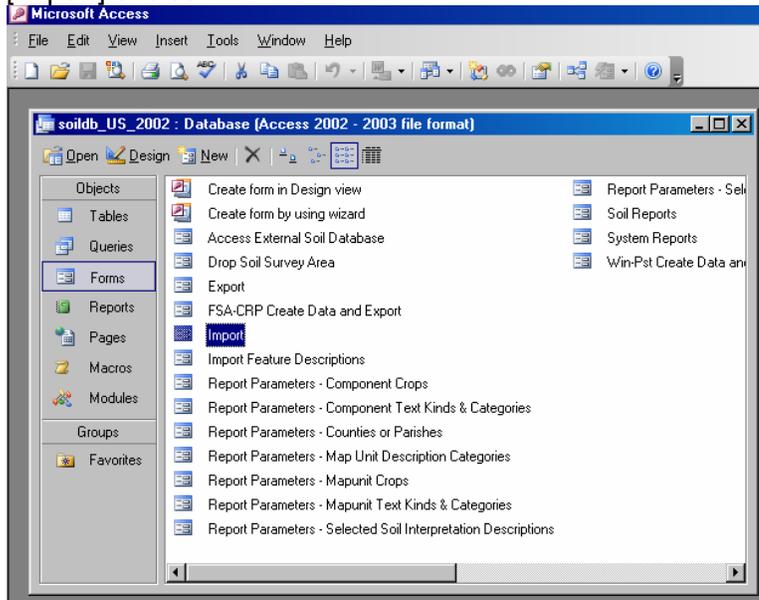


4. In the folder with the **soildb\_US\_2002.mdb** file you wish to use as your multiple database file, double click on the **soildb\_US\_2002.mdb**. This will open MsAccess and the following screen will appear. Click the **[Exit]** option.

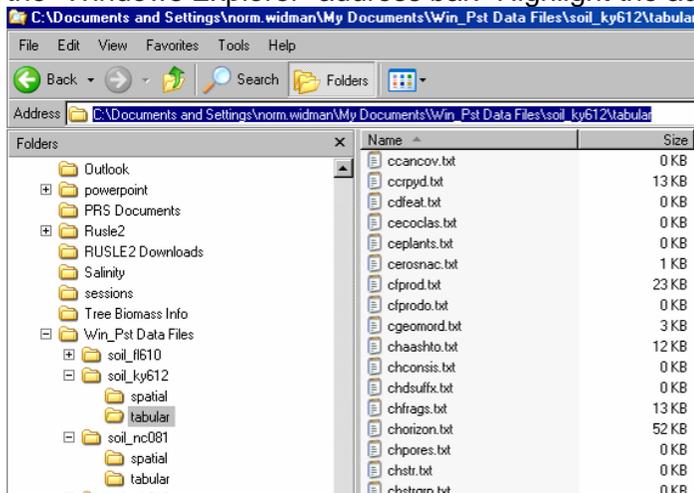


## Loading soils into the SSURGO Access template for WIN-PST.

5. After clicking the [Exit] in the previous step, the following menu appears. Click on [Forms] under “Objects”, then highlight and click [Import] on the right side of the screen (you may need to use the scroll bar on the menu box to find [Import]). Double click the [Import] choice.

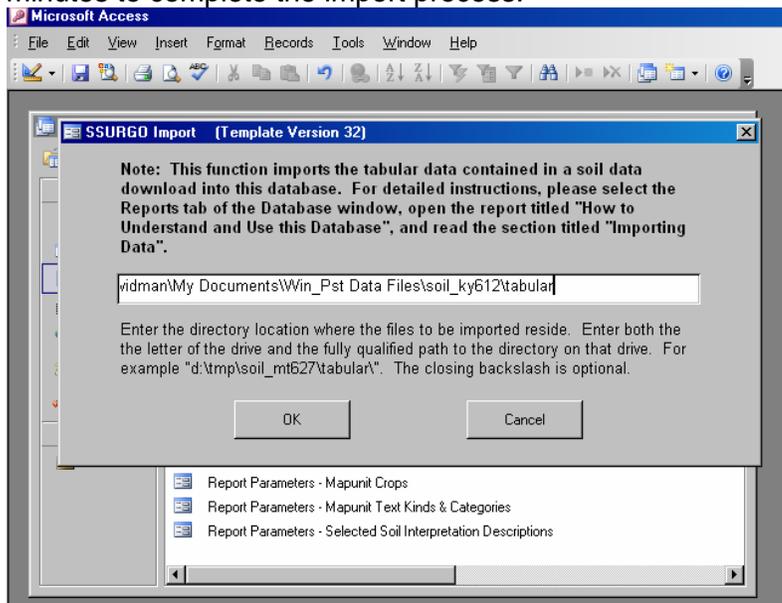


6. After double clicking on the [Import] the following screen appears. In the blank is where you will paste or enter the file path for the “tabular” data you want to import into the **soildb\_US\_2002.mdb** file. With “Windows Explorer” open navigate to where the “tabular” data folder is that you wish to import. Click on the folder to place the file path in the “Windows Explorer” address bar. Highlight the address, right click, and select copy.



## Loading soils into the SSURGO Access template for WIN-PST.

7. Navigate back the SSURGO import and put your cursor in the blank, right click and select paste. Then Click [OK]. This starts the import process and it may take a few minutes to complete the import process.



8. If you wish to add more databases repeat steps 6 and 7 until you have added all the databases desired.
9. The last step is to open WIN-PST 3.0. Open "Data Management" and use the [Browse] button to navigate to the multiple database **soildb\_US\_2002.mdb** file that you created. All the imported databases will now be available to use. Highlight the "Available" databases on the left side of the screen and use the [>] to move to "Current Selections". You are now ready to use WIN-PST.

