

# **Part 386 – Revised Universal Soil Loss Equation, Version 2 (RUSLE2) Database**

## **Subpart A - General**

### **IA386.0 Purpose**

This Iowa Instruction provides information on new RUSLE2 (2.6.6.4) version that was pushed out to all NRCS computers in late February.

### **IA386.1 Special Instructions and Cancellation**

All counties should have the new county soils imported into RUSLE2 database by **April 30, 2017**. This instruction supersedes a previous version Iowa Instruction 190-382.

### **IA386.2 Policy**

This new version of RUSLE2 corrects a problem in the last version with importing county soils directly from SSURGO. Your current database will be archived and a copy of the old database will be modified with the new soils. These instructions will show how to delete the current soils in RUSLE2 and go to SSURGO to import the new soils.

# **Part 386 – Revised Universal Soil Loss Equation, Version 2 (RUSLE2) Database**

## **Subpart C – Exhibits**

**IA386.20 Exhibit A** – Guidelines for updating RUSLE2 Database

# Guidelines for updating RUSLE2 Database

## Exhibit A

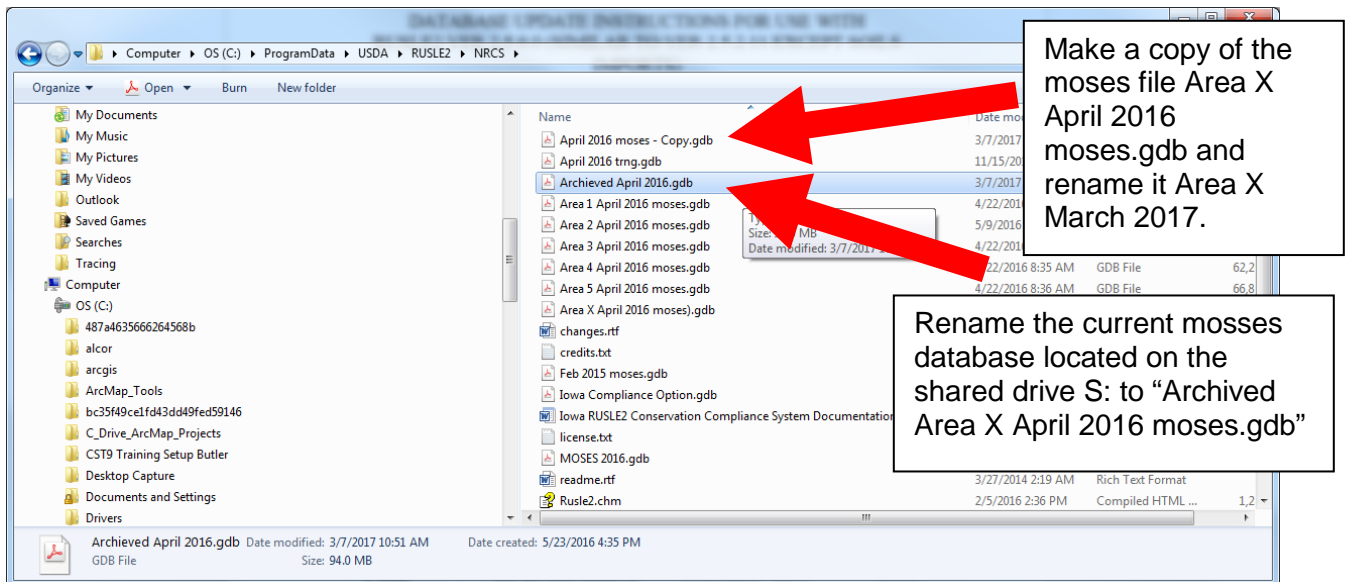
The new 2017 RUSLE2 soils database update is now available. New soils information is available for all counties in Iowa. This notice provides instructions for archiving the old database, making a copy, renaming, deleting the old soils, and importing the new soils.

Step 1) is to make a copy of your archive “Area X April 2016 moses.gdb” file. Rename the old file by placing the word Archived in front of the file name and rename the other copy to “Area X March 2017”.

Step 2) delete all of the old soils file from the newly named “Area X March 2017” file and import the new soil data from SSURGO.

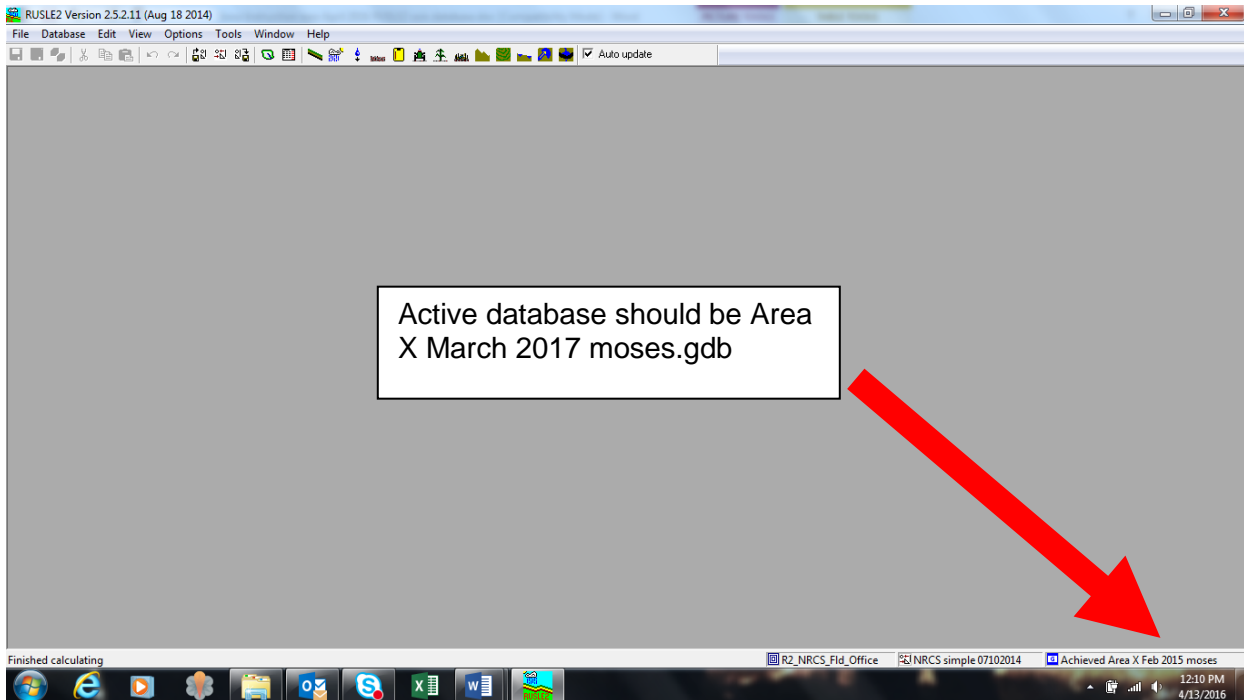
### Step 1.

- Copy your current RUSLE2 Database by going to your local shared drive S: Service Center\NRCS\RUSLE2, right click on the “Area X April 2016 moses.gdb” file and copy. You should have two files of your current database with one having copy in the name.
- Rename your current RUSLE2 Database by going to your local shared drive S: Service Center\NRCS\RUSLE2, right click on the “Area X April 2016 moses.gdb” file, rename by placing the name “Archived” in front of the “Area X April 2016.”
- Rename the copy RUSLE2 Database by right click on the “Area X April 2016 moses.gdb” file, rename “Area X March 2017.”



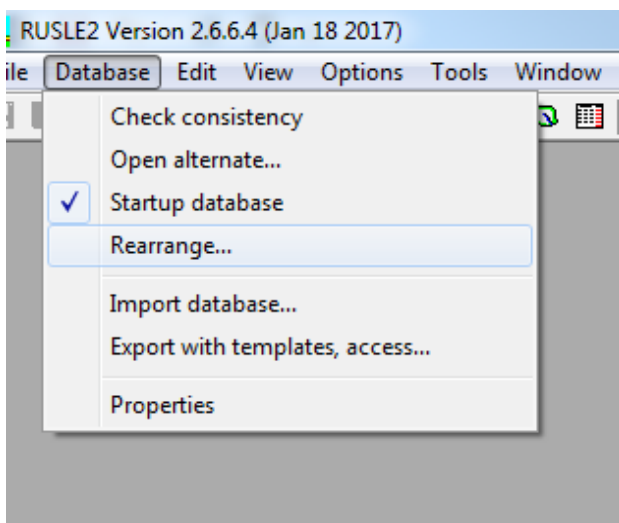
## Step 2.

Connect to Area X March 2017 database and make sure you are connected to it by checking in the lower right hand corner and see if you have the Area X March 2017 Moses.

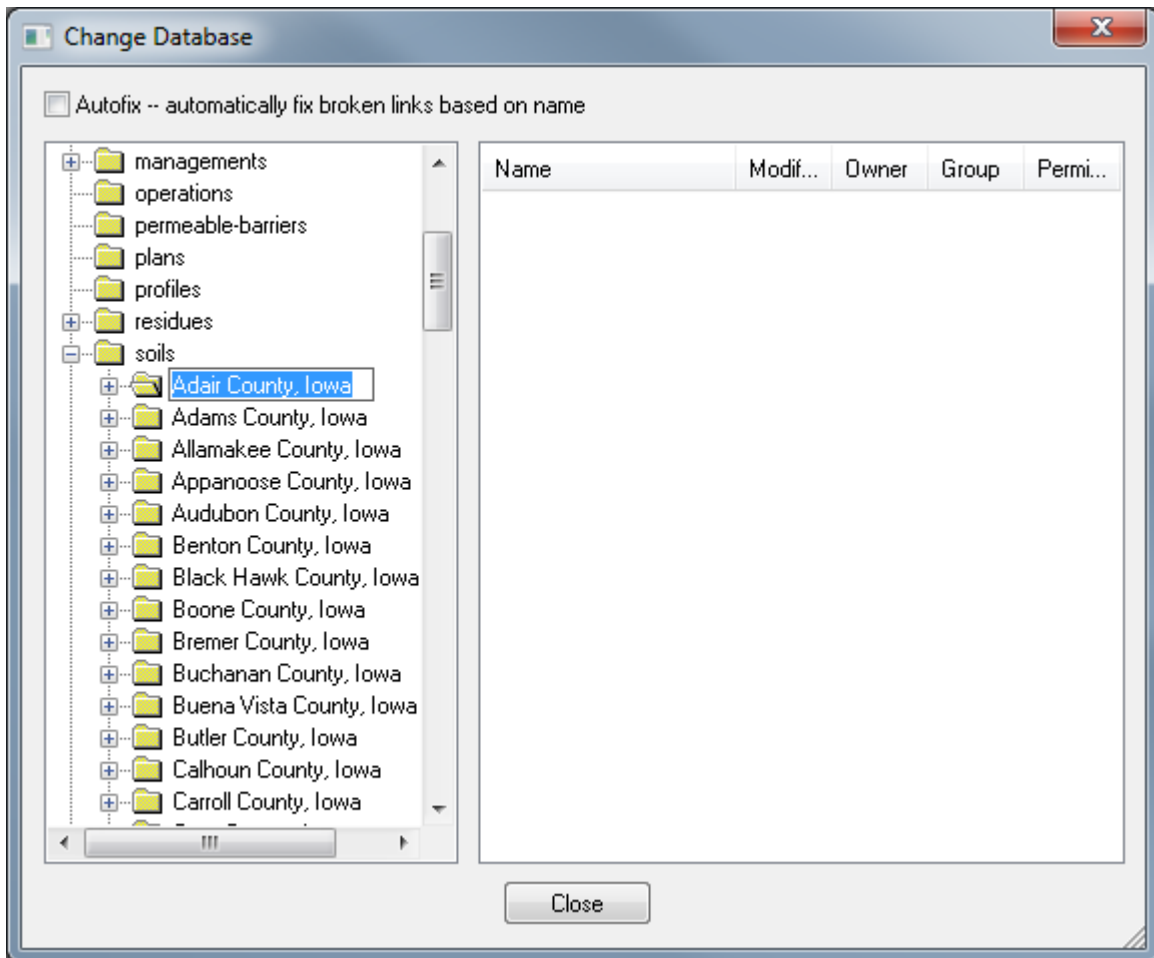


**Step 2a:** Delete the old soils from your current local working database “Area X March 2017 moses.gdb.”

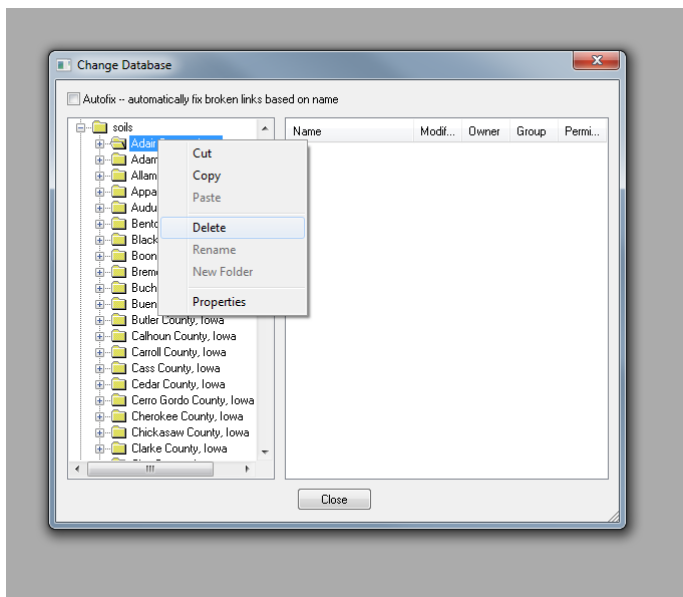
1. Open RUSLE2.
2. Click on Database in the top toolbar and select Rearrange.



3. Select the soils folder and the county you wish to delete.



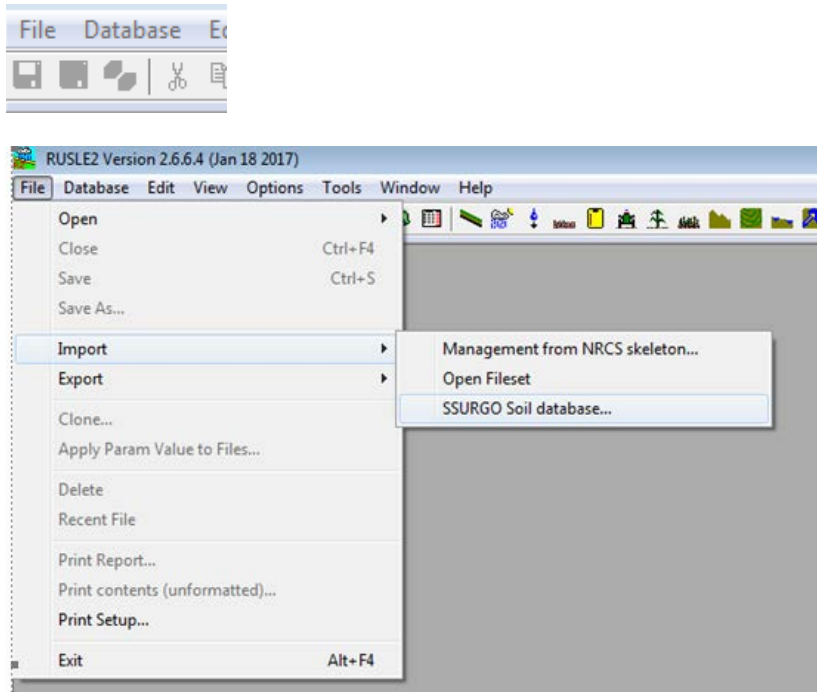
4. Do a right click and select Delete.



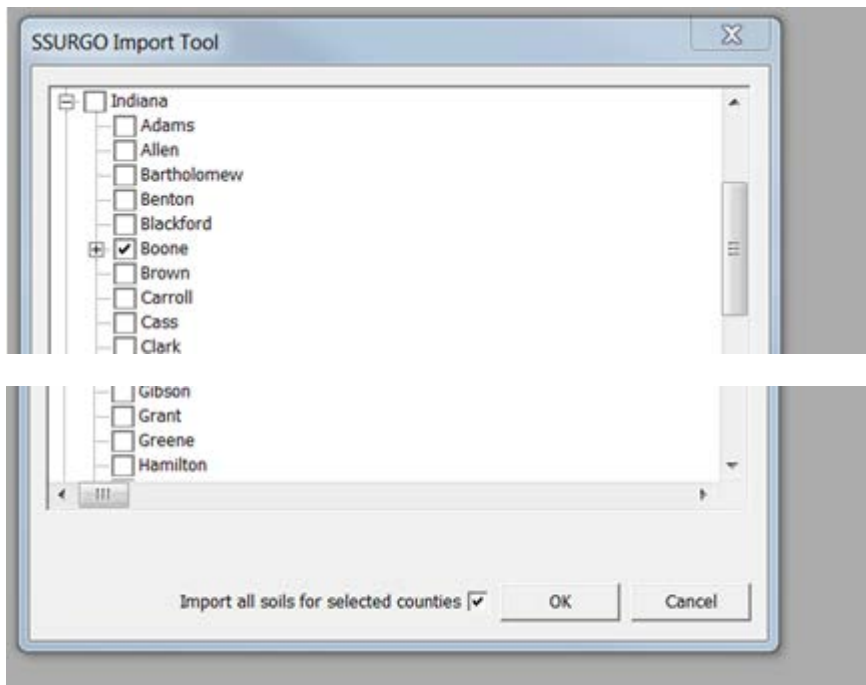
5. Continue to delete all of the current counties than click close. If the program starts a check consistency just stop consistency check.

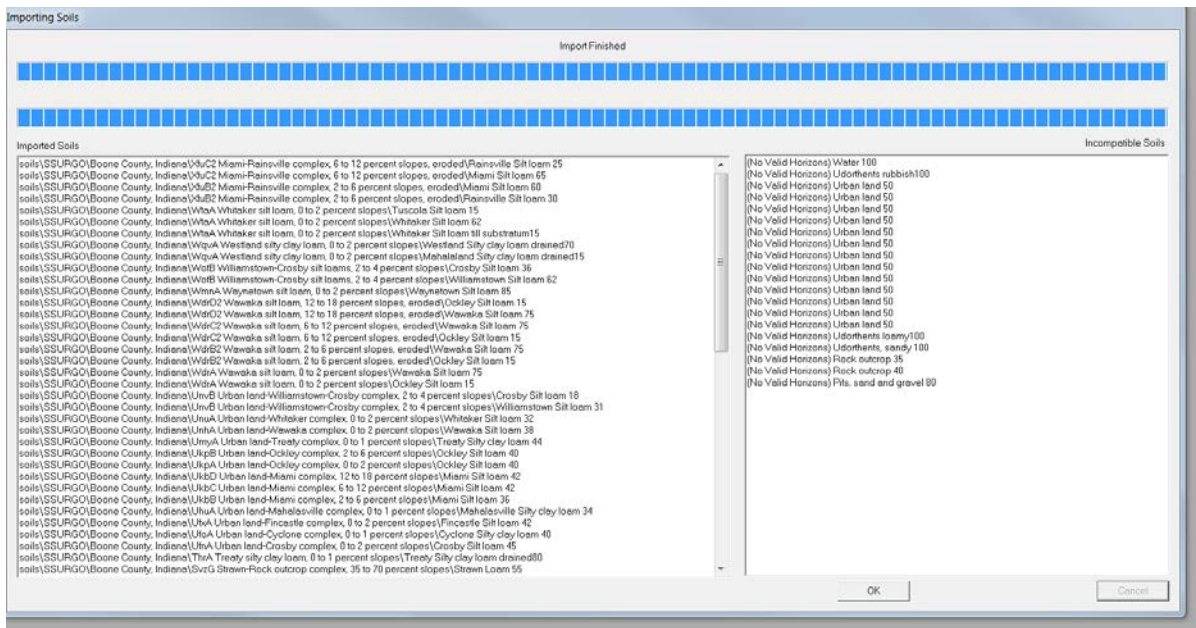
**Step 2b:** Importing Soils Data into your current local working database “Area X March 2017 moses.gdb.”

1. Open RUSLE2.
2. Click on **File** in top toolbar, than “Import”, then “SSURGO Soil database.”



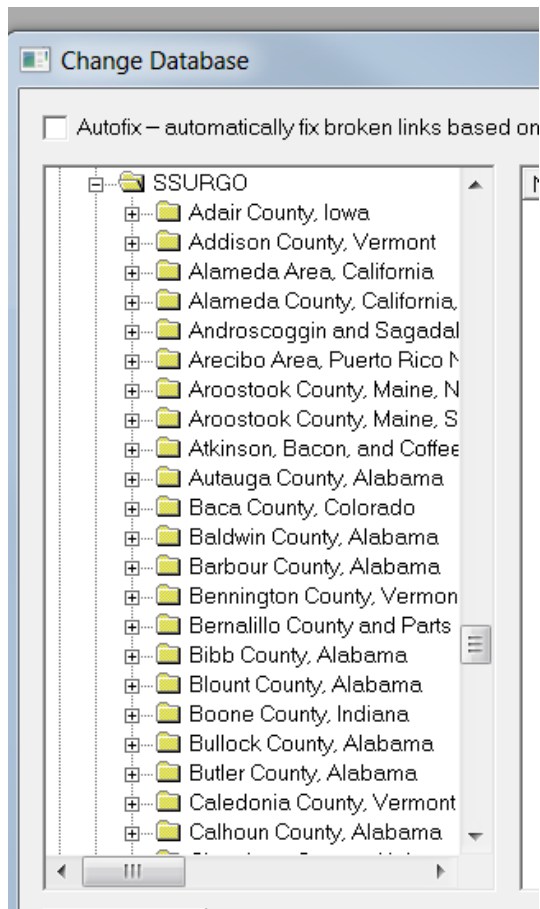
3. Select your State, County to import, click “OK”.



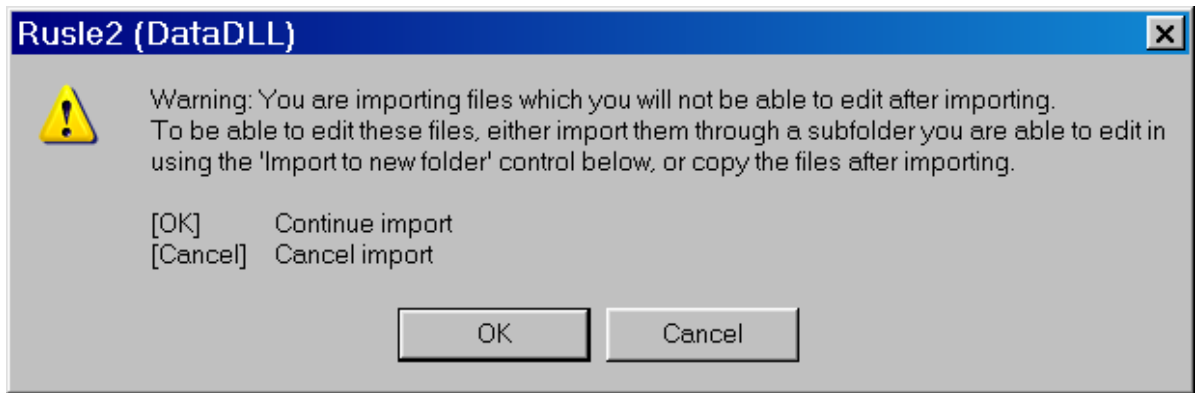


4. When import is complete, click “OK”. If there any issues with importing a given soil, let your state/regional agronomist know.

5. The soils will be imported into a SSURGO folder in your database under soils:

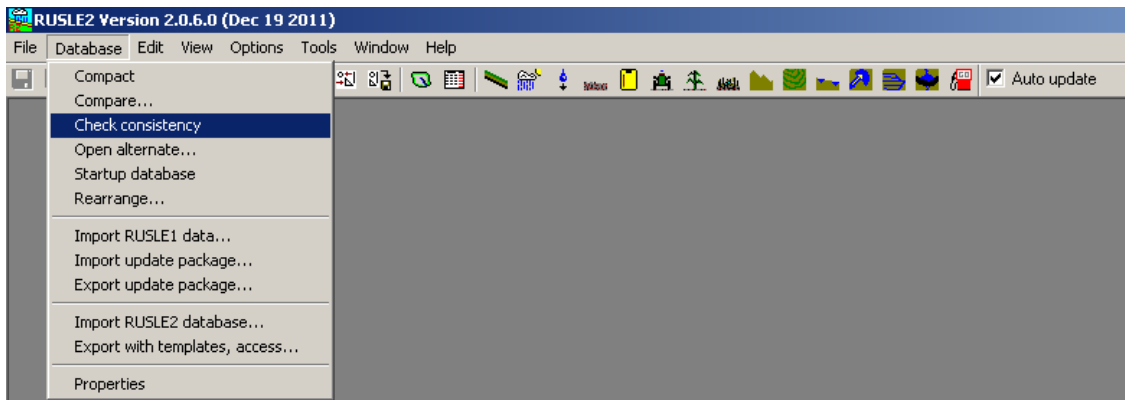


Click OK if you get the warning message while importing the files.



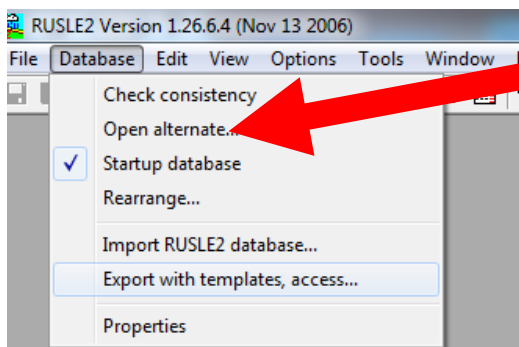
Click OK through the rest of the import questions. Import is completed.

Run a consistency check on the database. Go to "Database" on the top tool bar and select "Check consistency." If you have any broken links reconnected *correctly*.



You may need to connect the broken links since the RUSLE2 will be looking for the soils under the county name and not SSURGO soils. If you encounter broken links just connect to the appropriate file when directed.

Be sure to connect all computers in your office to the new Area X March 2017 moses database that is located on your shared drive by opening on each computer and click Database\Open alternate and go to the S drive and select the new Area X March 2017 moses database. Then reopen the Database\Startup database so that it will always open to this database in the future. **Contact your local Area Resource Conservationist with questions.**



Click on Database in the top toolbar and then "Open Alternate" to navigate to the new Area X March 2017 database on the shared drive. Click on Database and Startup database to lock this in for the one to open every time.