

SilvAssist Troubleshooting Tips

For SilvAssist Tools to Work Correctly there are several items that users should be aware of:

1. Species Group Names **and** Species Names in TCruise cannot contain commas or other delimiter characters (Example: Ash, White). Using these will usually result in an error while running Reports and Analytics - Error: Data could not be pulled fro Trees.
2. The TOOLS DO NOT OPERATE WITH SHAPE FILES, so users should load their shape files into a Personal Geodatabase. File geodatabases will not work.
3. ArcMap should be run as an administrator. To be sure, right lick on the ArcMap desktop shortcut and choose Properties > Compatibility tab and check Run as Administrator.
4. Features involved in area calculations, spatial overlay, or grid allocation plots **must be projected**, e.g. units are in feet or meters not decimal degrees.
5. Inventory data is processed in TCruise and output using the LandMark Export DLL. This output format is an Access database. The plot allocator can be used without having TCruise, but all reporting is dependent on database from TCruise.
6. If there are too many layers in the map, or layers with various projection systems, you may get errors. It is best to use a new map (mxd) with **only** the layers being used in analysis. Also, avoid aliases for the layer names.
7. If you are in an edit session, any changes must be saved before you use the SilvAssist Tools.
8. Stands and Plots layers must reside in the **SAME** personal geodatabase. Also, try to keep only **ONE** plots layer in the geodatabase.
9. **Your Stands (polygon) layers used with SilvAssist must contain the following fields** named exactly this way with the same type:

ObjectID* - this is automatically created by ArcMap and the asterisk denotes that it is the "active" ObjectID . Sometimes copying or importing layers into a geodatabase that already have an ObjectID may cause ArcMap to show another field such as ObjectID1* as the active one. This will cause errors to occur.

StandID - text (string) format. Do not use values with commas or other delimiter characters in this field as this can cause problems in the reporting module.

Acres - (double) format

10. **Plots layers must contain the following required fields.** This isn't a problem for most users since the plot allocator creates the Plots layer with all required fields. This is, however, useful info for troubleshooting purposes.

PlotID - text(string)

StandID - text (string) Do not use values with commas or other delimiter characters in this field as this can cause problems in the reporting module.

Date_ - date

Status - text (string)

LoadName - text (string)

TreeIndex - text (string)

F4PolyID -Long Integer

11. If you are importing Plots from another application, the plots must be a Point type and not a Multi-point.

12. For SilvAssist reporting to work properly there should be **no Alpha characters** in the PlotID field. Also, there should be **NO DUPLICATE** PlotID's; all should be unique.
13. If there are problems with the Crystal Reports not working properly, try removing the Company Logo. If the reports work afterward, try creating a lower resolution version of the logo and reloading it.