# Instructions

ArcGIS 10 is required.

1. Double click on W:\ARO\GIS\PlantDemo\PlantPickerAddIn.esriAddIn
   1. Click **Install Addin** and then **OK**.
2. Start ArcMap.
3. Select a plant species from the Plant Species Selector toolbar and that layer will be added to your map.
   1. If you do not have this toolbar, check that it is turned on in the **Customize->Toolbars** menu in the ArcMap main menu.

# Comments

* This tool is just a demo of functionality, actual picklist(s), symbology and database attributes can and should be refined.
* Layers that are created are just views into the database. Rely on connection to central database.

# Topics for Discussion

* Lots of these questions are inter-related. I’ve thrown them out here for discussion purposes
* Optimize for performance or dynamic data?
* Allow editing or readonly?
* Picklists – dynamic or static?
* Exporting to flat file format (shapefile)?
* Geodatabase format – single flat table or multi-tables?
* Attribute list and aliases
* Symbology
* Attributes for picklists

Various storage options – Personal/File Geodatabase vs. SDE vs. SQL server – lets figure out interface and editing policy, then we can test different storage scenarios to optimize performance. For comparison:

* FGDB – fast, simple, central copy is readonly. Needs periodic rebuild from edits
* PGDB – same comments as FGDB, just much slower.
* SDE – centralized, multiple editors, spatial tables must be edited in ArcMap, non-spatial tables could be edited in MS Access or web forms.
* SQL Server - centralized, multiple editors, all tables are maintained through MS Access or Web forms, spatially readonly - results are created on the fly from non-spatial tables (using lat/long attributes).