

INTRODUCTION

AgLeader's SMS AgGIS software package requires the use of 2-D formatted shapefiles. However, 3-D formatted shapefiles are possible making them incompatible with AgLeader SMS software. These 3-D formats can be common to more advanced GIS packages. Therefore, the following instructions outline the procedure required to convert a 3-D shapefile into 2-D using ESRI's ArcGIS. The converted 2-D file can then be successfully uploaded into SMS or other AgGIS software that require this 2-D format.

PROCEDURE

1. Upload the existing 3-D shapefile into ArcMap.
2. Open **ArcToolbox** and navigate to **Data Management Tools / Feature Class / Create Feature Class**.
3. Specify the **Output Location** and **Output Feature Class Name**.
4. Specify the **Geometry Type**.
5. For Template Feature Class, select the existing 3-D shapefile. *This step pastes the feature over all attribute fields.*
6. Leave 'Has Z' and 'Has M' DISABLED.
7. Select the **Spatial Reference** import from the 3-D shapefile.
8. Click **OK** to create the shapefile.
9. Start editing on the new 2-D shapefile using the Editor feature.
10. Select all features by right-clicking on the 3D layer in the **Table of Contents / Selection / Select All**.
11. Navigate to **Edit / Copy**.
12. Navigate to **Edit / Paste**. *This pastes all features and attributes into the new 2D shapefile.*
13. Navigate to **Editor / Save edits**.
14. Then select **Stop editing**.

Once completed, the new shapefile will be in 2-D format.