

Suitable Soils for Drainage Water Management

Missouri



Missouri 1,844,238 Ac

Geoprocessing Procedure

Soils Spatial and Tabular data obtained from the Soil Data Mart 8/28/2011

Selection Criteria:

1. Major Components, Percent Composition > 40%
 2. Representative slope <= 1 percent
 3. Representative value of the Hydric Definition Growing Season Minimum Depth of Water Table < 18 inches depth.
- Extent of Cultivated Crops obtained from the 2006 National Land Cover Dataset (NLCD), USGS.
- The soil map units selected were converted to 30 meter raster data and intersected with the reclassified Cultivated Cropland extracted from the NLCD.
- Coincident areas less than 15 acres were deleted.

1:2,200,000