

Suitable Soils for Drainage Water Management

Ohio



Ohio 2,146,231 Ac

Geoprocessing Procedure

Soils Spatial and Tabular data obtained from the Soil Data Mart 8/24/2011

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.

Coordinate System: USGS Contiguous States Equal Area Conic (NAD83) version

Projection: NAD83

Datum: North American 1983

False Easting: 0.0000

False Northing: 0.0000

Central Meridian: -89.0000

Standard Parallel 1: 39.5000

Standard Parallel 2: 41.5000

Latitude of Origin: 40.0000

Units: Meter

1:1,500,000