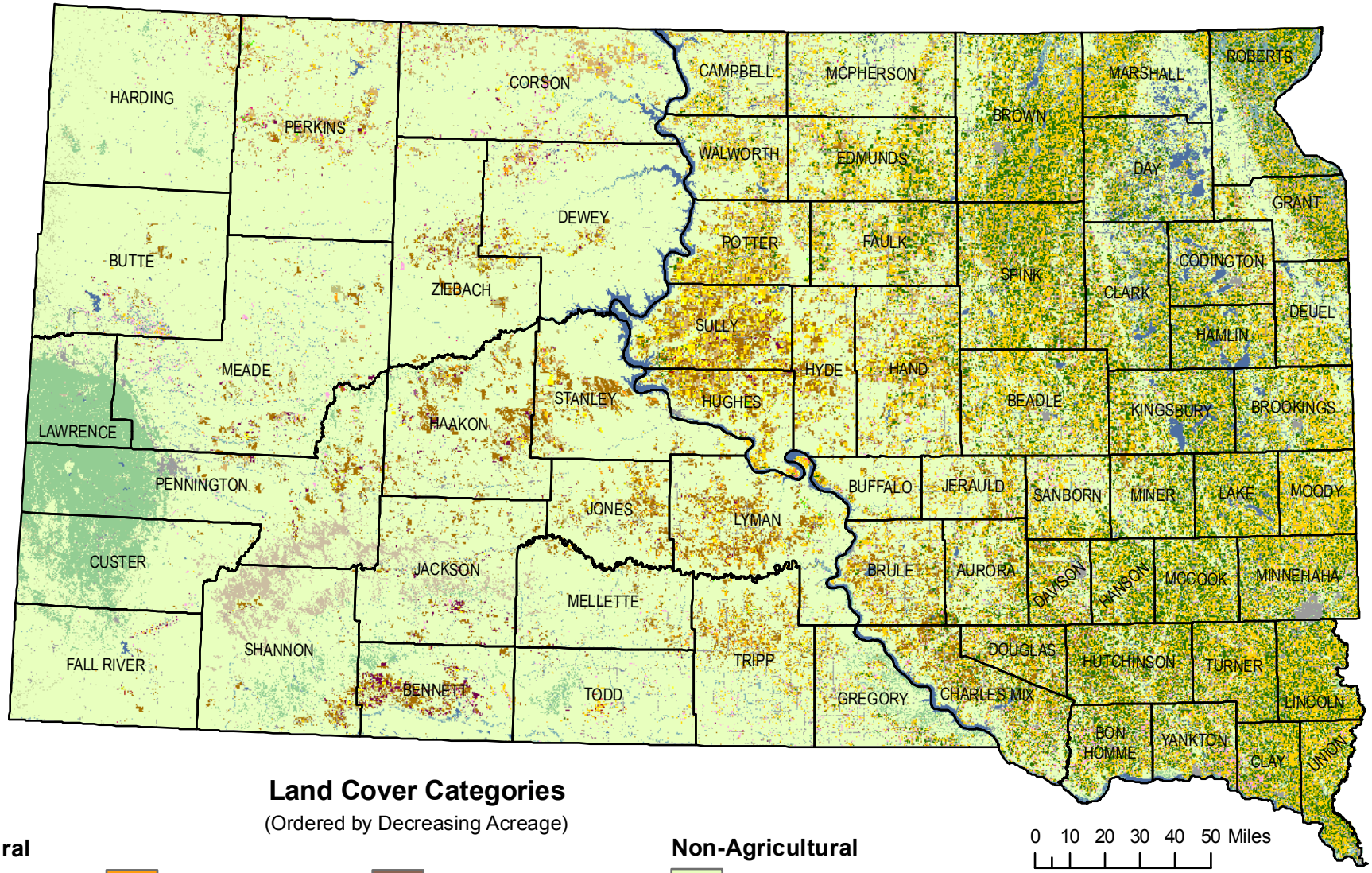
2007 South Dakota Cropland Data Layer



Land Cover Categories

(Ordered by Decreasing Acreage)

Agricultural

- Corn
- Soybeans
- Winter Wheat
- Spring Wheat
- Alfalfa
- Sunflowers
- Millet
- Oats
- Sorghum
- Peas
- Barley
- Safflower
- Dry Beans
- Misc. Vegs. & Fruits
- Rye
- Other Small Grains
- Durum Wheat
- Flaxseed
- Clover/Wildflowers
- W. Wht./Soy. Dbl. Crop.
- Other Crops
- Sugarbeets

Non-Agricultural

- Grass/Pasture/Non-Ag
- Urban/Developed
- Woodland
- Water
- Wetlands
- Barren
- Fallow/Idle Cropland
- Shrubland

0 10 20 30 40 50 Miles

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Data Source: Resourcesat-1 AWiFS courtesy of USDA Foreign Agricultural Service.
Image Processing: See5 decision tree software classifier.
Ground Truth: The Farm Service Agency Common Land Unit for crops classes, and 2001 National Land Cover Dataset (NLCD) for non-agricultural classes.
Ancillary Data: NLCD Impervious Surface, NLCD Forest Canopy, National Elevation Dataset, and Moderate Resolution Imagery Spectroradiometer (MODIS) 16 day Normalized Difference Vegetation Index (NDVI) composite.
Projection: UTM zone 14, WGS84 datum.
Map Production: ArcGIS 9.2.