

2013 CROPLAND DATA LAYER

COUNTIES OF BERRIEN, CASS & VAN BUREN



Land Cover	Acres	Percent
Corn	209,086	19.1%
Developed	145,792	13.3%
Grains	12,606	1.2%
Grape	17,536	1.6%
Orchards	35,689	3.3%
Pasture/Hay	51,330	4.7%
Soybean	111,544	10.2%
Undeveloped	339,718	31.0%
Vegetables	11,056	1.0%
Water	18,821	1.7%
Wetlands	141,242	12.9%

Land Cover/Use	Percent
Cropland	41.0%
Developed	13.3%
Undeveloped	31.0%
Wetland	12.9%
Water	1.7%

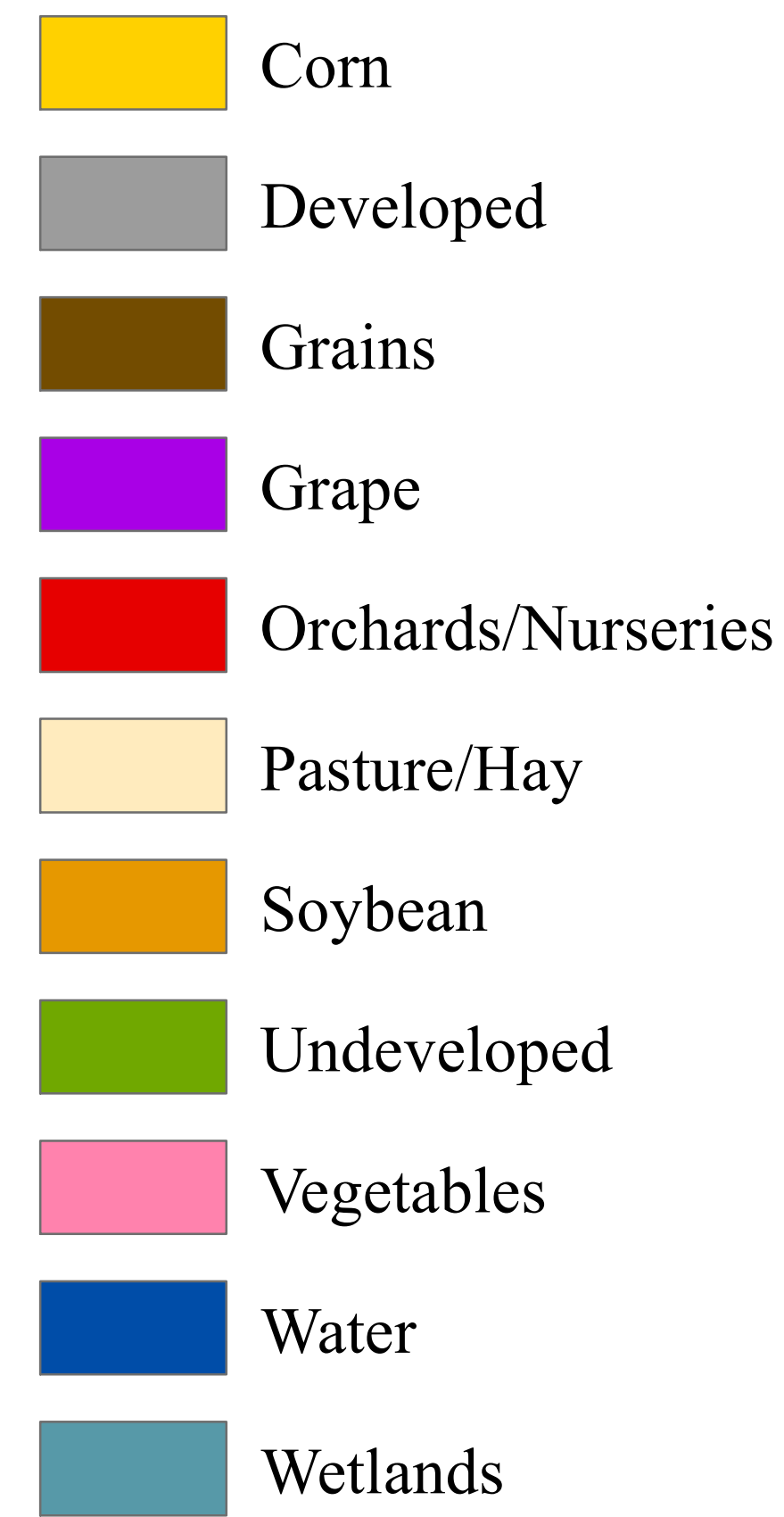
SIGNIFICANT AGRICULTURAL STATISTICS
 MICHIGAN NATIONAL RANKINGS
 1st: Cucumbers, Tart Cherries, Blueberries, Grapes (juice) and Flowering Bedding Plants
 2nd: Celery, Carrots and Vegetable Bedding Plants
 3rd: Apples and Asparagus
 4th: Perennials, Sweet Cherries, Sugar Beets, and Tomatoes
 Source: National Agriculture Statistics Service (NASS) 2011.

COUNTY RANKINGS IN MICHIGAN
BERRIEN COUNTY
 #1 Direct-to-consumer sales of agricultural products (\$8,492,000)
 #2 Acres of fruit, tree nuts, and berries (18,267 acres)
 #2 Revenue from vegetables (\$33,849,000)
 #4 Number of controlled atmosphere storage facilities (3)
 #5 Colonies of bees (4,639)
 #5 Number of farms using organic production methods (22)
 #8 Total crop sales (\$123,319,000)

CASS COUNTY
 #1 Acres of snap beans (3,730 acres)
 #2 Revenue from hogs and pigs (\$42,676,000)
 #10 Hog operations (69)
 #10 Acres of corn for grain (77,636)

VAN BUREN COUNTY
 #1 Acres of berries (8,800)
 #1 Revenue from fruit and tree nuts (\$81,485,000)
 #3 Revenue from vegetables (\$20,119,000)
 #4 Controlled atmosphere storage facilities (3)
 #4 Value of direct-to-consumer sales (\$2,829,000)
 #9 Value of agricultural production (\$173,472,000)
 Source: Michigan Department of Agriculture - July 2009

Crop Land Data Layer



Crop Land Data Layer (CDL) Reclassification

Corn: Corn
 Developed: Developed: Open Space, Low Intensity, Medium Intensity, High Intensity & Barren
 Grains: Barley, Oats, Rye, Sorghum, Winter/Spring Wheat
 Grape: Grape
 Orchards/Nurseries: Apple, Asparagus, Blueberry, Cranberry, Caneberries, Cherry, Christmas Tree, Herbs, Peach, Pear, Plum, Sod/Grass Seed, Strawberry, & Walnut
 Pasture/Hay: Alfalfa, Clover/Wildflowers, Fallow/Idle
 Soybean: Soybean
 Undeveloped: Forests, Grassland & Shrubland
 Vegetables: Carrot, Celery, Cucumber, Dry Bean, Onion, Pepper, Pop or Ornamental Corn, Potato, Pumpkin, Radish, Squash, Sugar Beets, Sunflower, Sweet Corn, Tomato & Watermelon
 Water: Open Water
 Wetlands: Herbaceous & Woody

The USDA, NASS Cropland Data Layer (CDL) is a raster, geo-referenced, crop-specific land cover data layer. The 2013 CDL has a ground resolution of 30 meters. The CDL is produced using satellite imagery from the Landsat 5 TM sensor, Landsat 7 ETM+ sensor, and other satellite systems collected during the growing season. Some States use additional satellite imagery and ancillary inputs to supplement and improve the classification. These additional sources can include the National Elevation Dataset, the imperviousness and canopy data layers from the National Land Cover Database 2006 (NLCD 2006), Moderate Resolution Imaging Spectroradiometer (MODIS) 250 meter 16 day Normalized Difference Vegetation Index (NDVI) composites. Agricultural training and validation data are derived from the Farm Service Agency Common Land Unit (CLU) Program. The NLCD 2006 is used as non-agricultural training and validation data.

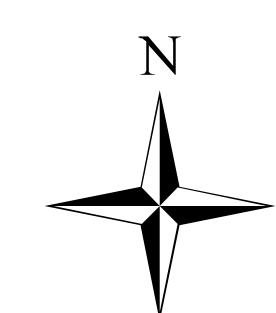
Cropland Data Layer (Metadata)
www.nass.usda.gov/research/Cropland/metadata/metadata_mi12.htm
 CropScape Geospatial Data Service
<http://nassgeodata.gmu.edu/CropScape/>

Data Sources
 Michigan Cropland Data Layer: National Agricultural Statistics Service, 2013
 Base Layers: Michigan Geographic Framework, V10a

The use of this map is for general reference purposes. It is not a legal document.

Southwest Michigan Planning Commission (SWMPC)
www.swmpc.org

February 25, 2015



0 1 2 4 6 8 10 Miles