

# 2005 Iowa Cropland Data Layer Atlas

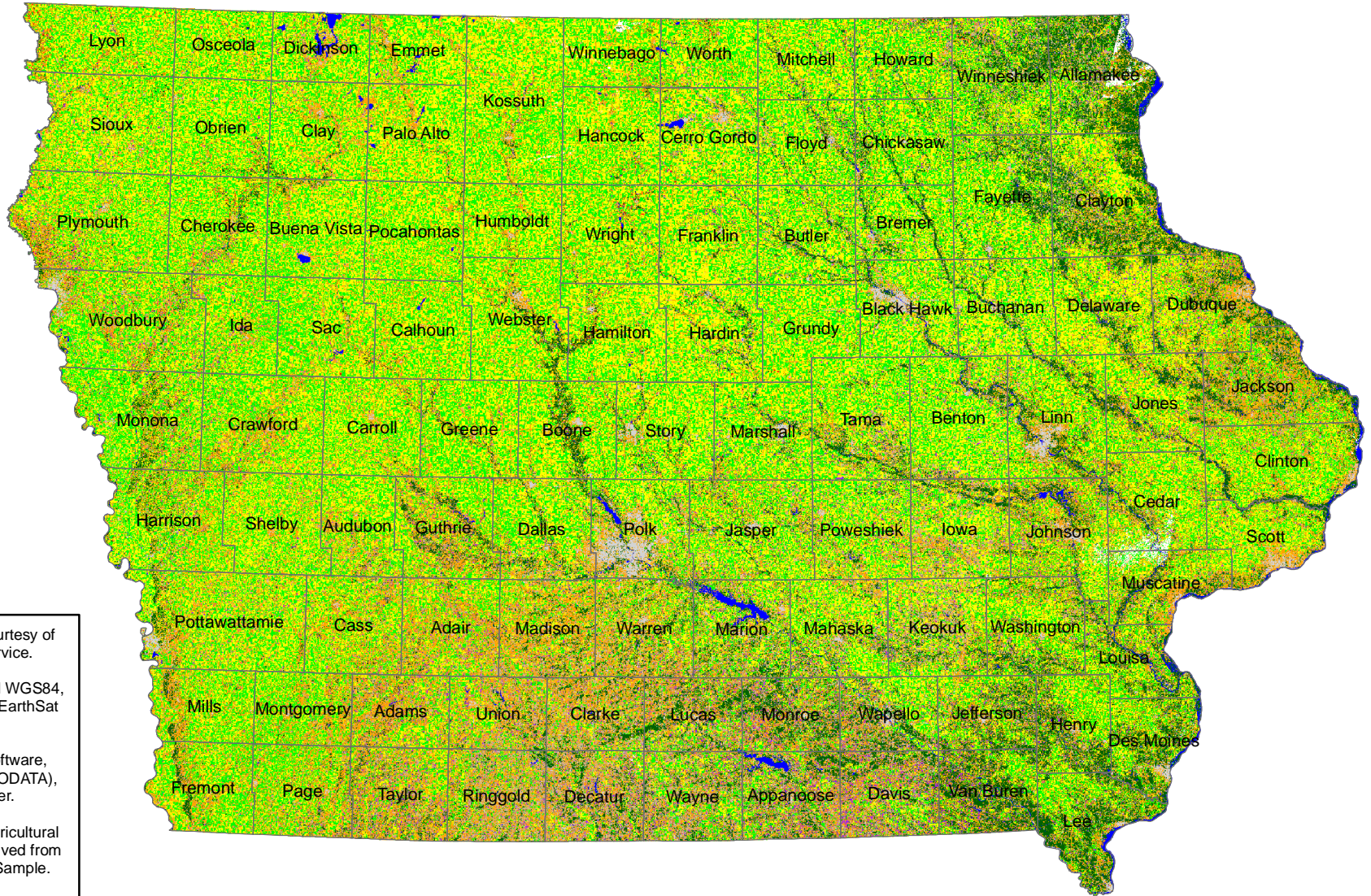
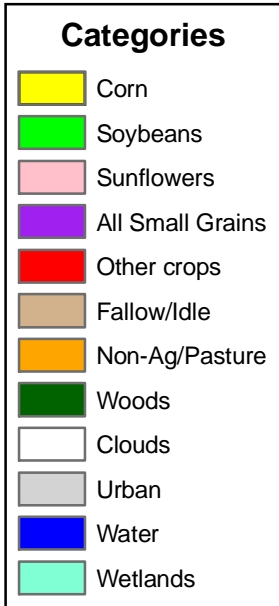
This is a one of a kind product, constructed from 2005 categorized Landsat 5 Thematic Mapper imagery. This product is derived from the NASS June Agricultural Survey, which is a probability based survey that uses over 444 square mile samples over Iowa. The Cropland Data Layer (CDL) is produced with Peditor, a public domain software application. Peditor uses a modified supervised clustering approach and classifies the sample data to derive spectral signatures of the various commodities that are captured during the survey. The spectral signatures are then used to identify other "like" land use types across the state, producing a categorized mosaic of agriculture across the State of Iowa.

The CDL of Iowa has been created annually since crop year 2000 and this product makes temporal analysis between years possible to determine such trends as crop rotation, urban expansion and crop acreage variability. The CDL Atlas was created using ArcGIS software from the Environmental Systems Research Institute, with each page containing a separate Iowa county.

For more details see [http://www.nass.usda.gov/research/Cropland/metadata/metadata\\_ia05.htm](http://www.nass.usda.gov/research/Cropland/metadata/metadata_ia05.htm)



# 2005 Iowa Cropland Data Layer



Data Source: LANDSAT 5 TM courtesy of USDA Foreign Agricultural Service.

Projection: UTM zone 15, spheroid WGS84, datum WGS84. Georegistered to EarthSat Inc., GeoCover LC.

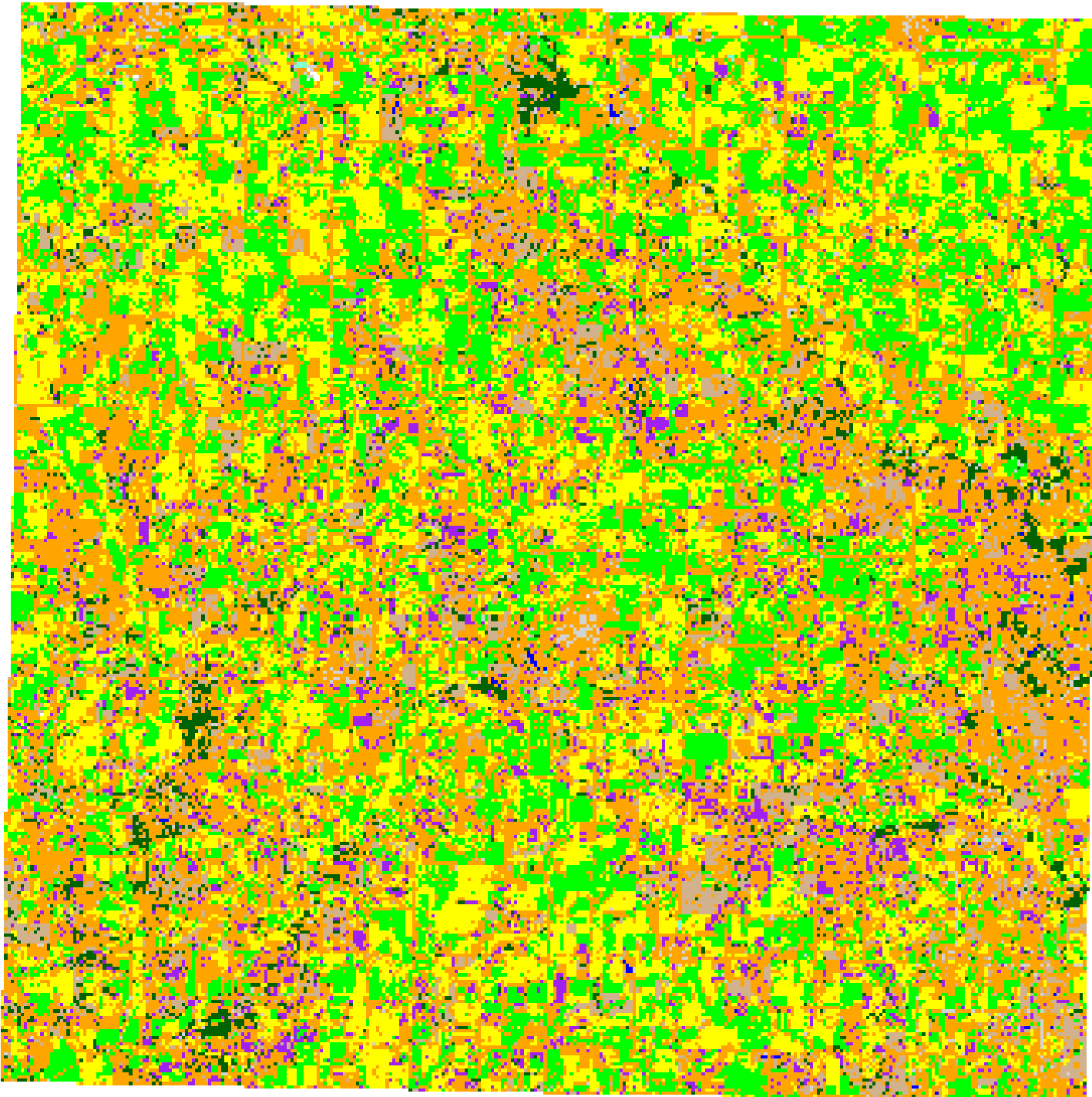
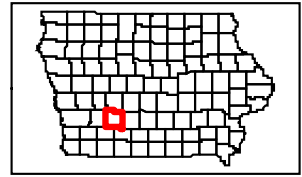
Image Processing: PEDITOR software, modified supervised clustering (ISODATA), maximum likelihood classifier.

Ground Truth: The NASS June Agricultural Survey (approx. 448 sq. miles) derived from a stratified random Area Frame Sample.













Map Production: ArcGIS 9.1.



# 2005 Adair County, Iowa



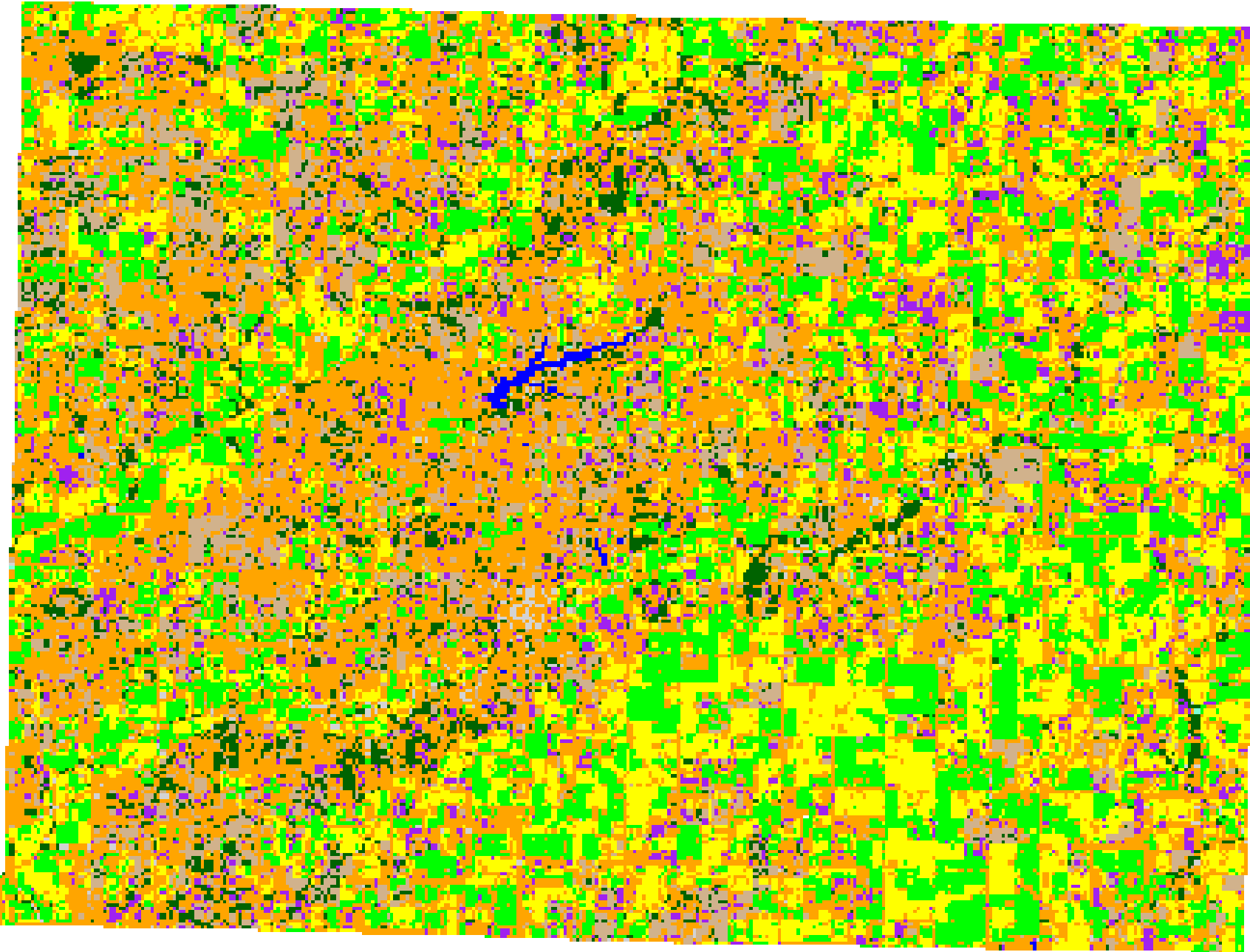
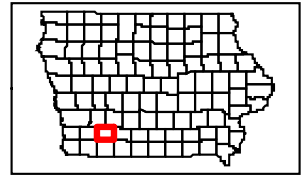
## Categories

-  Corn
-  Soybeans
-  Sunflowers
-  All Small Grains
-  Other crops
-  Fallow/Idle
-  Non-Ag/Pasture
-  Woods
-  Clouds
-  Urban
-  Water
-  Wetlands













0 2 4 Miles



# 2005 Adams County, Iowa



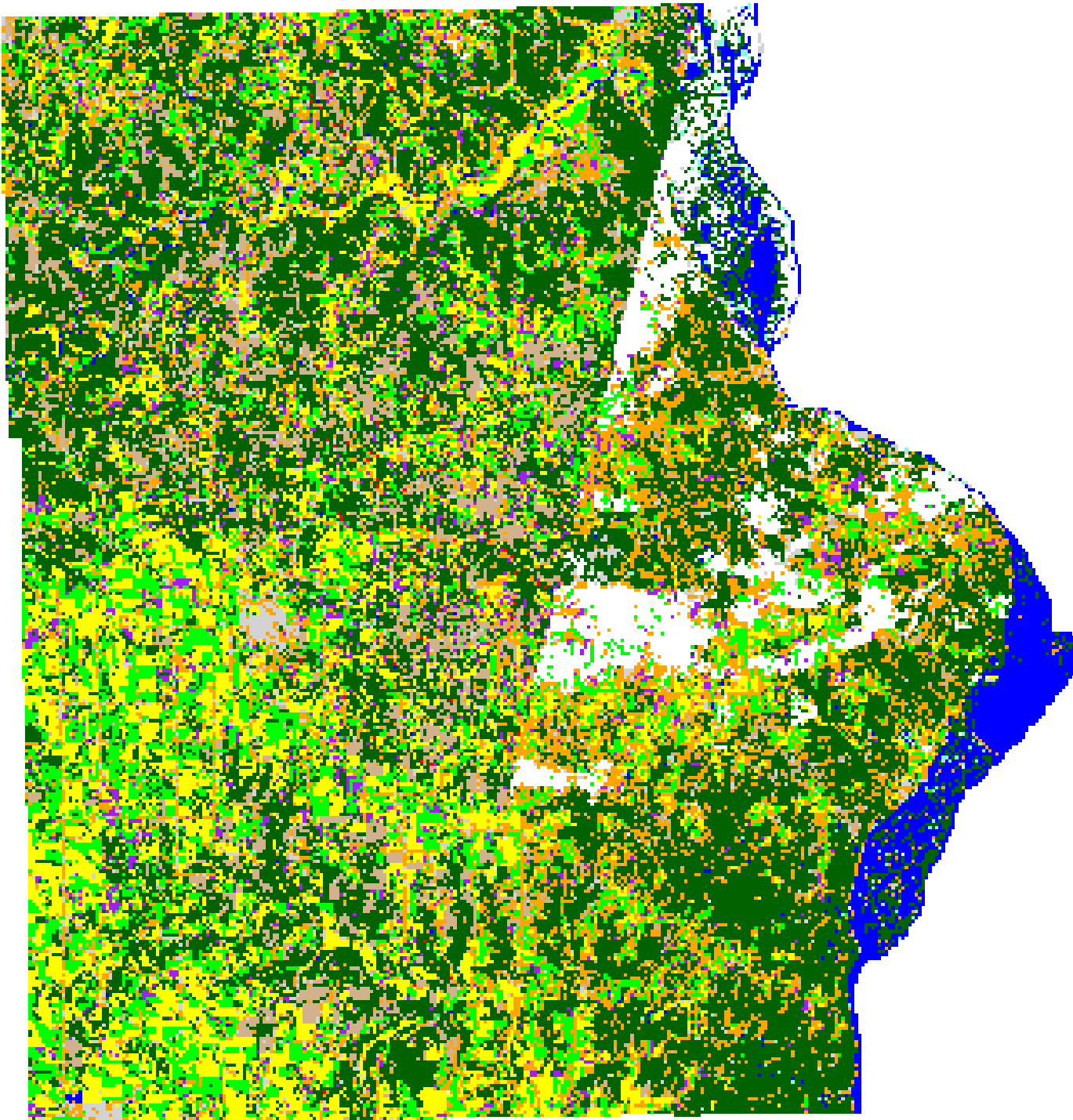
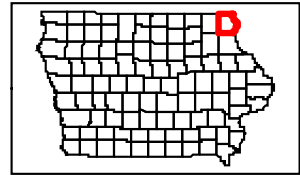
## Categories

-  Corn
-  Soybeans
-  Sunflowers
-  All Small Grains
-  Other crops
-  Fallow/Idle
-  Non-Ag/Pasture
-  Woods
-  Clouds
-  Urban
-  Water
-  Wetlands

0 1 2 Miles

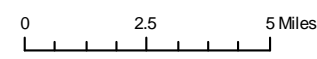


# 2005 Allamakee County, Iowa

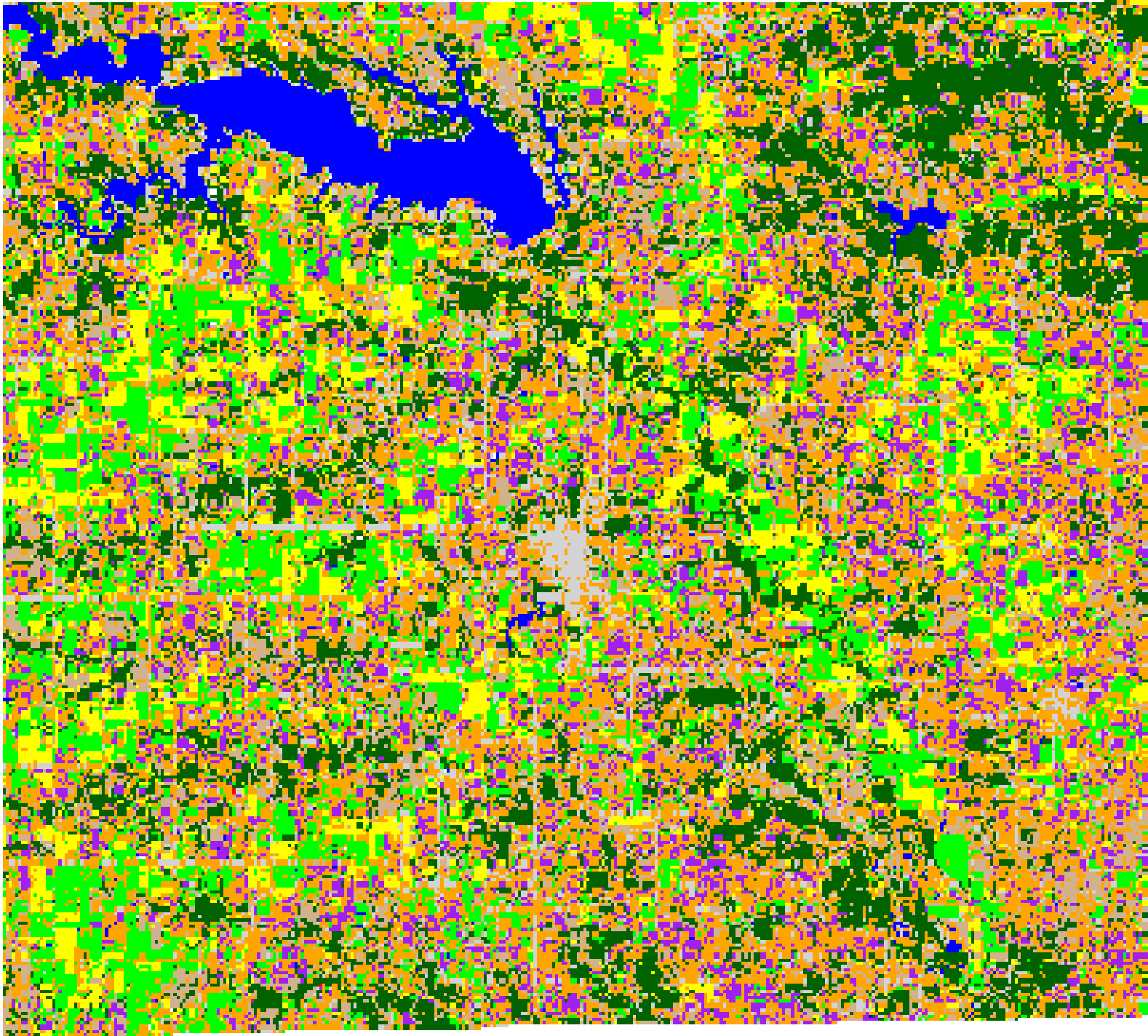
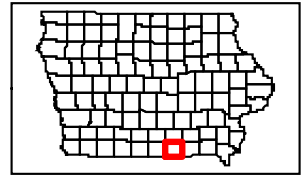


**Categories**













- Corn
- Soybeans
- Sunflowers
- All Small Grains
- Other crops
- Fallow/Idle
- Non-Ag/Pasture
- Woods
- Clouds
- Urban
- Water
- Wetlands

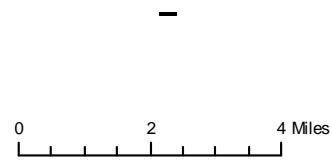


# 2005 Appanoose County, Iowa

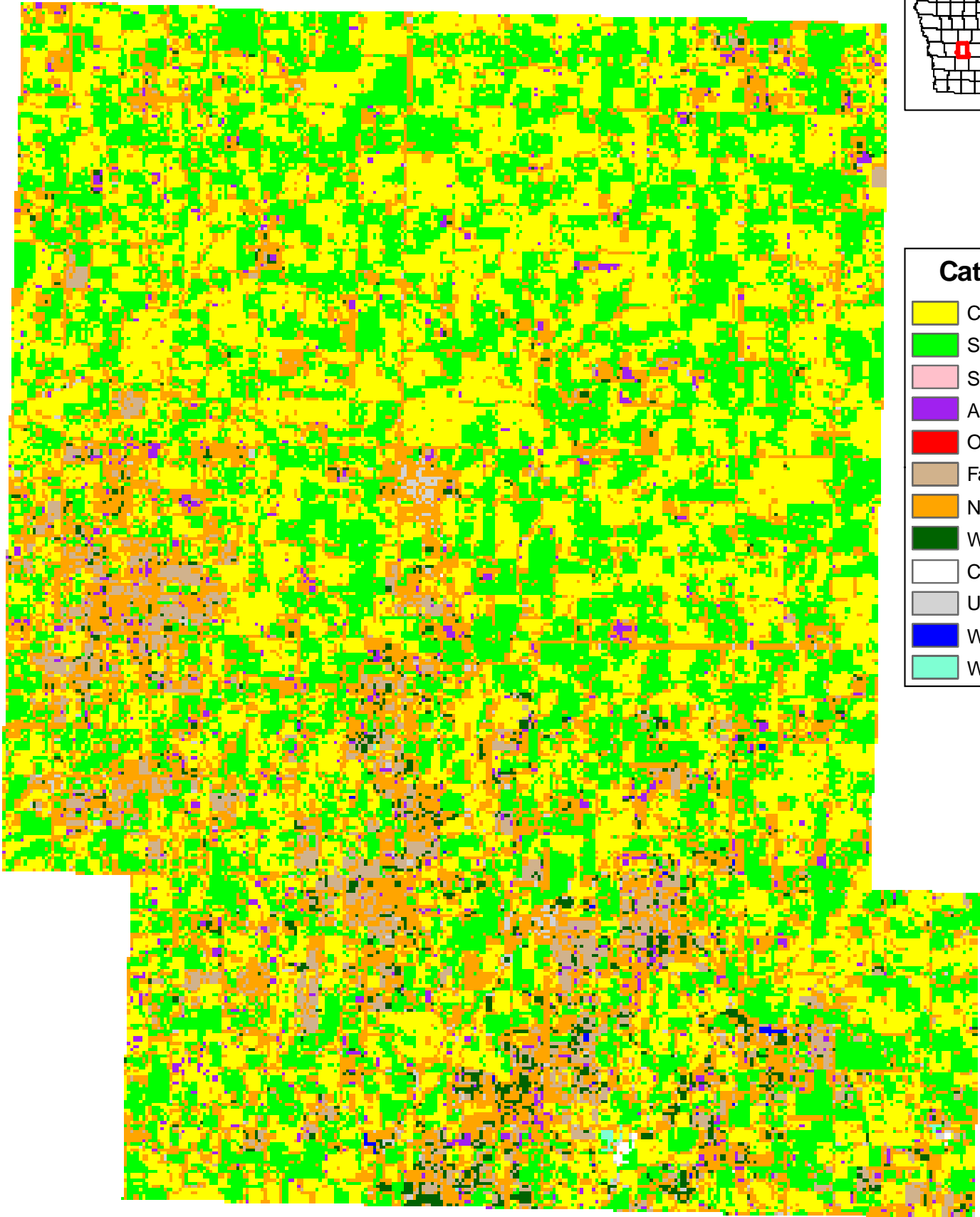
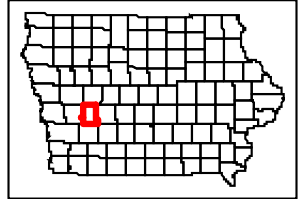


**Categories**













-  Corn
-  Soybeans
-  Sunflowers
-  All Small Grains
-  Other crops
-  Fallow/Idle
-  Non-Ag/Pasture
-  Woods
-  Clouds
-  Urban
-  Water
-  Wetlands



# 2005 Audubon County, Iowa



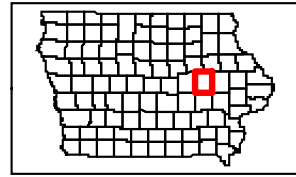
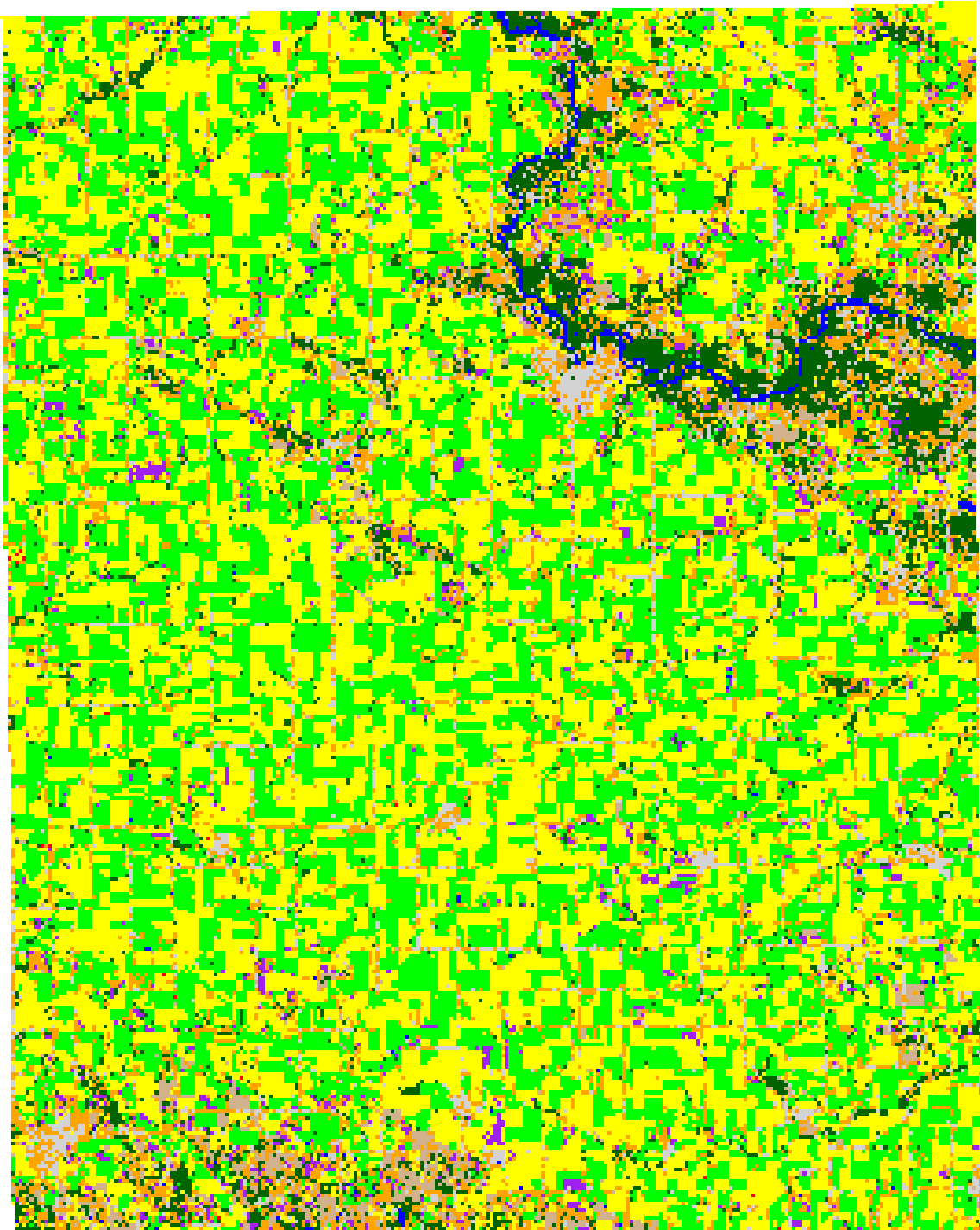
## Categories

-  Corn
-  Soybeans
-  Sunflowers
-  All Small Grains
-  Other crops
-  Fallow/Idle
-  Non-Ag/Pasture
-  Woods
-  Clouds
-  Urban
-  Water
-  Wetlands













0 2 4 Miles



# 2005 Benton County, Iowa



## Categories

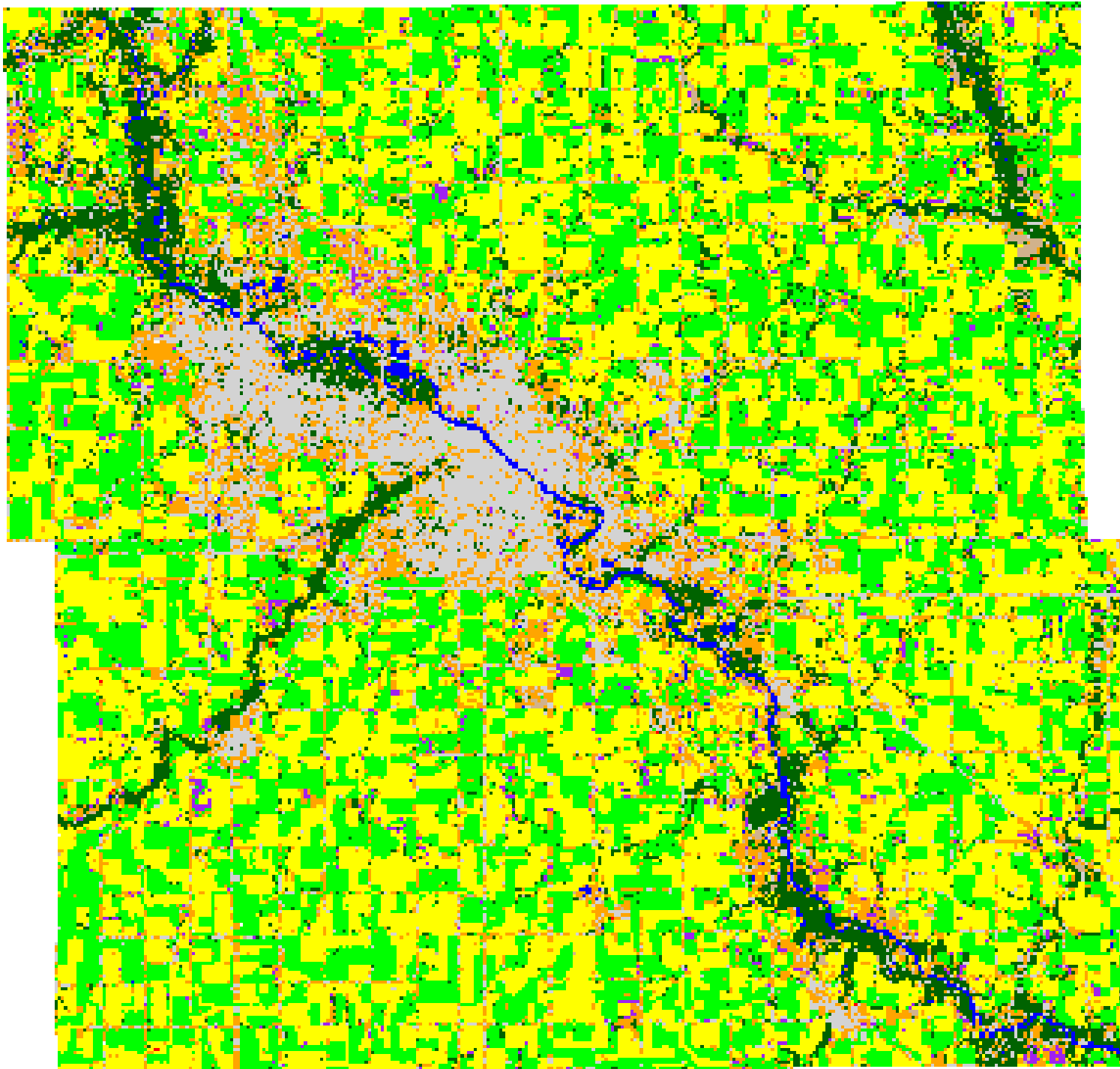
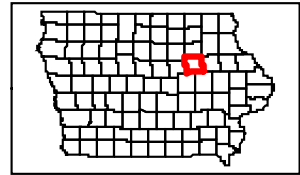
-  Corn
-  Soybeans
-  Sunflowers
-  All Small Grains
-  Other crops
-  Fallow/Idle
-  Non-Ag/Pasture
-  Woods
-  Clouds
-  Urban
-  Water
-  Wetlands

0 2 4 Miles















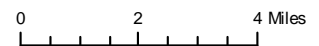


# 2005 Black Hawk County, Iowa

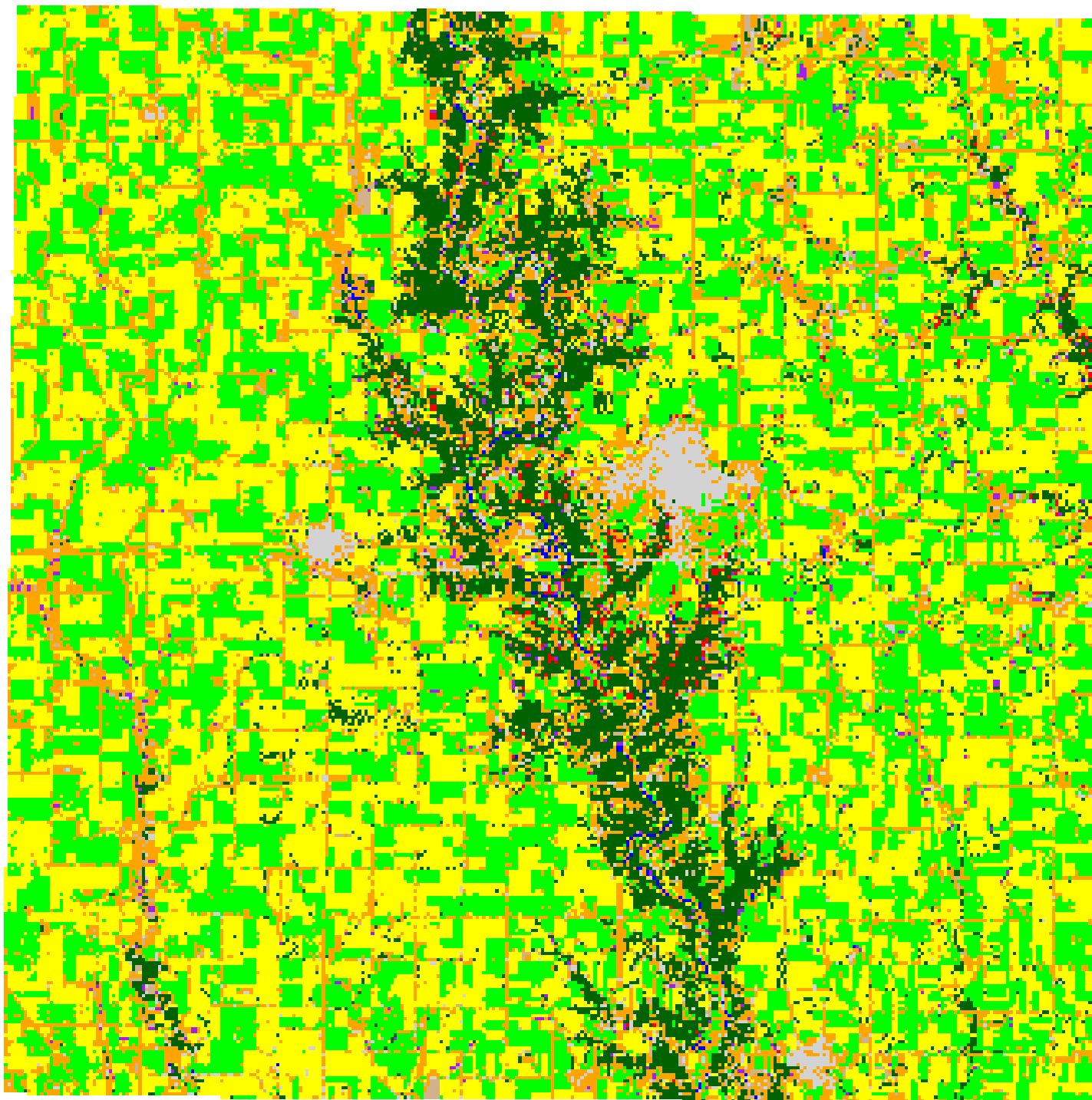
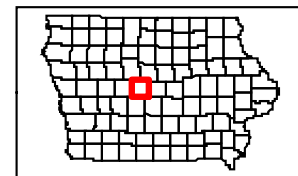


## Categories













-  Corn
-  Soybeans
-  Sunflowers
-  All Small Grains
-  Other crops
-  Fallow/Idle
-  Non-Ag/Pasture
-  Woods
-  Clouds
-  Urban
-  Water
-  Wetlands



# 2005 Boone County, Iowa



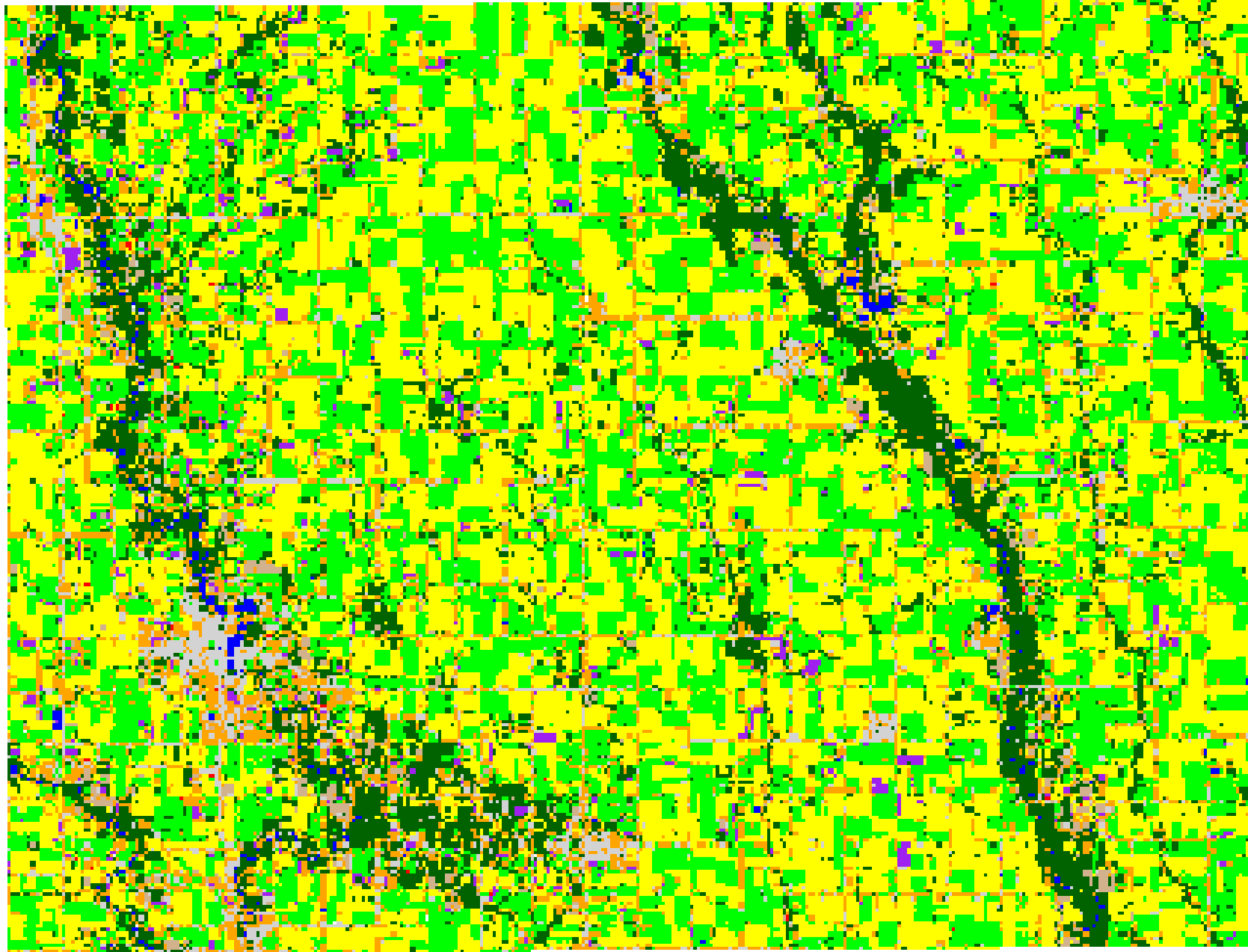
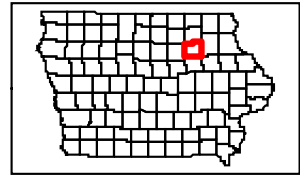
## Categories

-  Corn
-  Soybeans
-  Sunflowers
-  All Small Grains
-  Other crops
-  Fallow/Idle
-  Non-Ag/Pasture
-  Woods
-  Clouds
-  Urban
-  Water
-  Wetlands













0 2 4 Miles



# 2005 Bremer County, Iowa



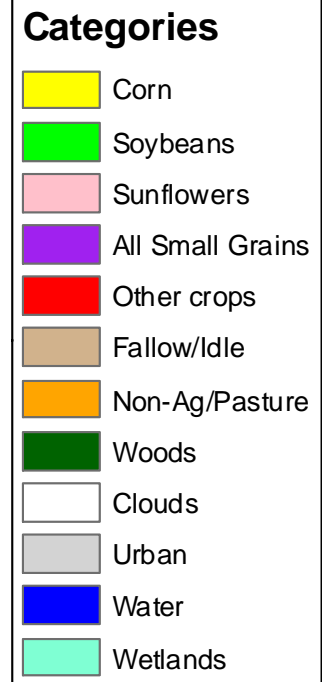
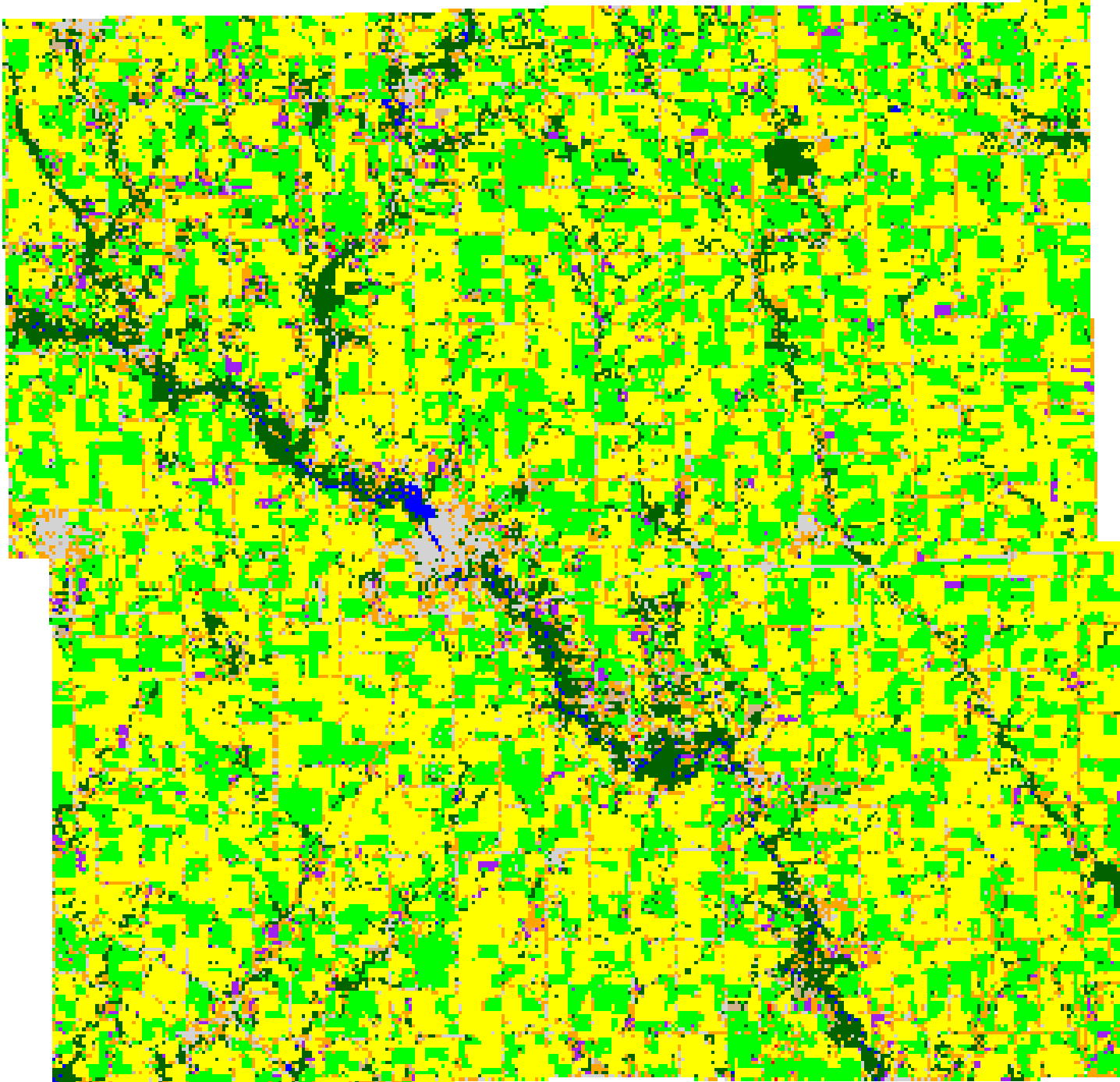
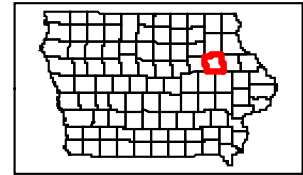
## Categories

-  Corn
-  Soybeans
-  Sunflowers
-  All Small Grains
-  Other crops
-  Fallow/Idle
-  Non-Ag/Pasture
-  Woods
-  Clouds
-  Urban
-  Water
-  Wetlands

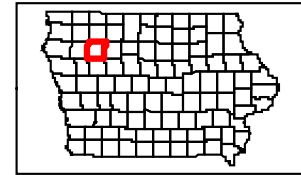
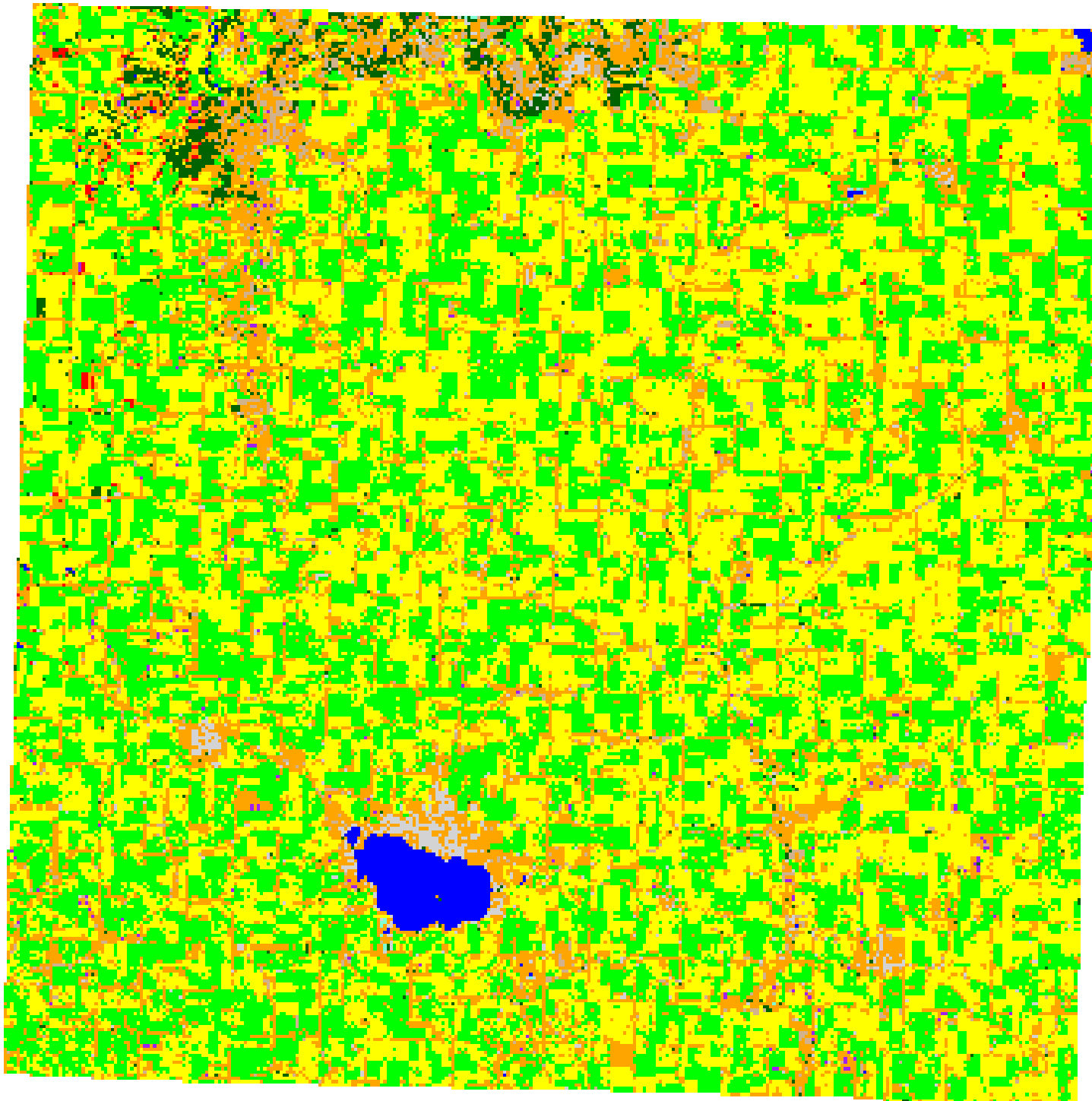
0 1 2 Miles



# 2005 Buchanan County, Iowa

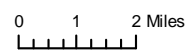


# 2005 Buena Vista County, Iowa

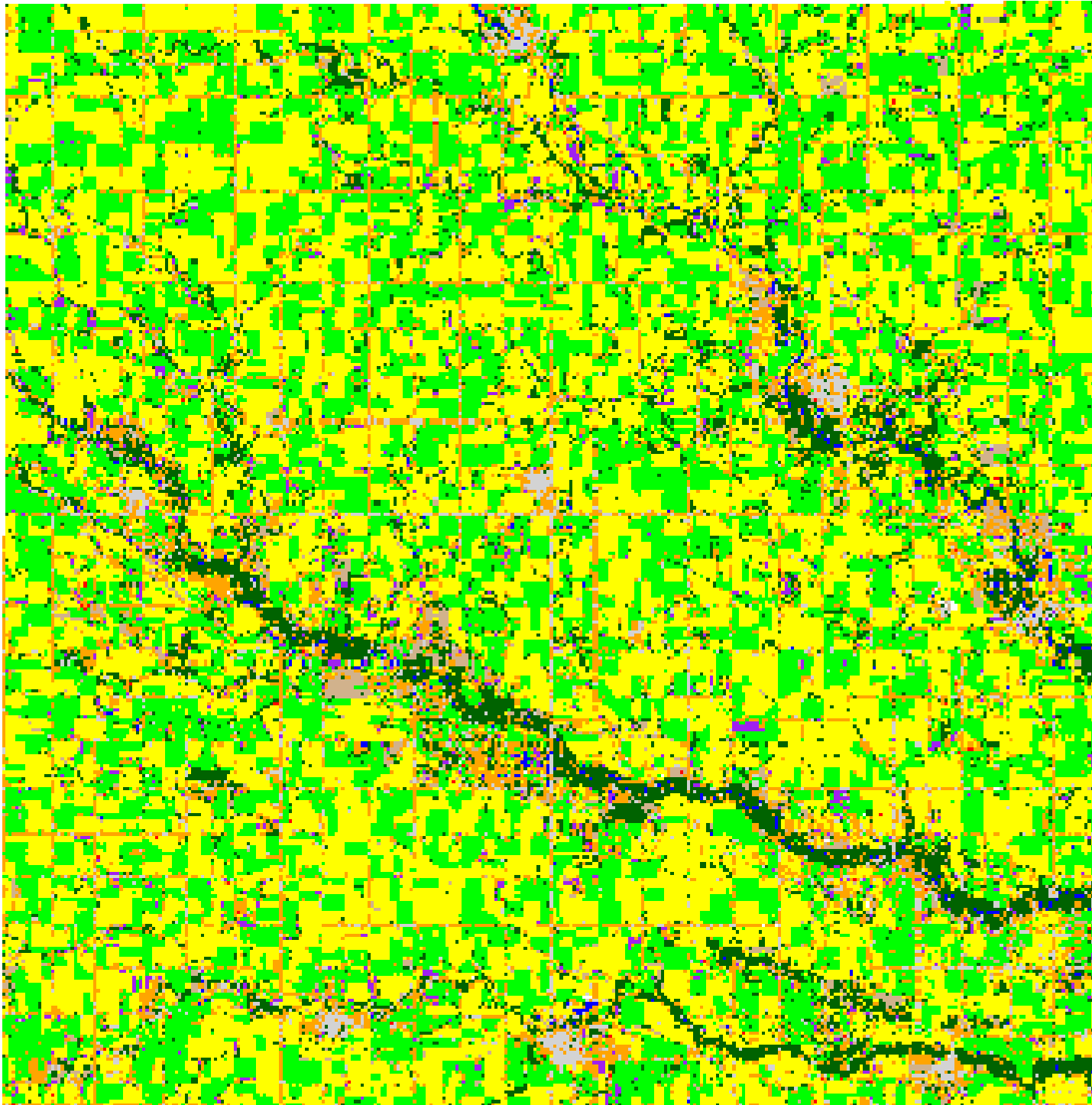
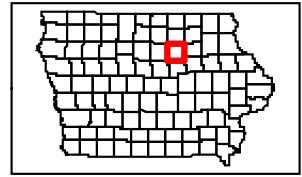


**Categories**













- Corn
- Soybeans
- Sunflowers
- All Small Grains
- Other crops
- Fallow/Idle
- Non-Ag/Pasture
- Woods
- Clouds
- Urban
- Water
- Wetlands



# 2005 Butler County, Iowa



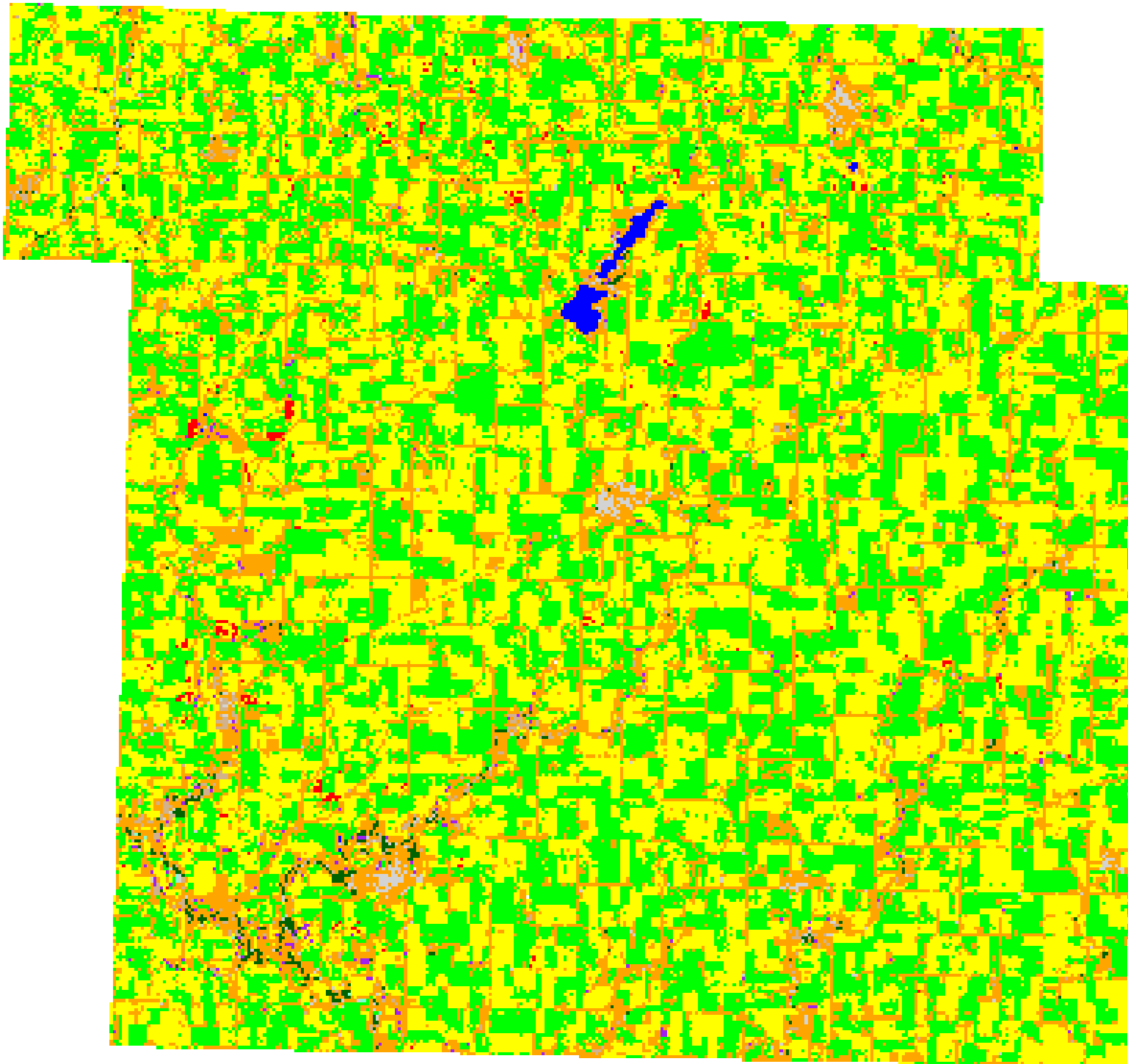
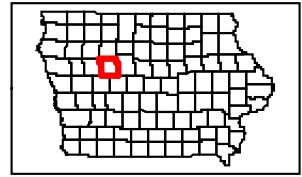
## Categories

-  Corn
-  Soybeans
-  Sunflowers
-  All Small Grains
-  Other crops
-  Fallow/Idle
-  Non-Ag/Pasture
-  Woods
-  Clouds
-  Urban
-  Water
-  Wetlands













0 1 2 Miles



# 2005 Calhoun County, Iowa



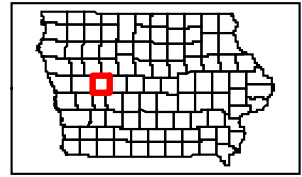
## Categories

-  Corn
-  Soybeans
-  Sunflowers
-  All Small Grains
-  Other crops
-  Fallow/Idle
-  Non-Ag/Pasture
-  Woods
-  Clouds
-  Urban
-  Water
-  Wetlands

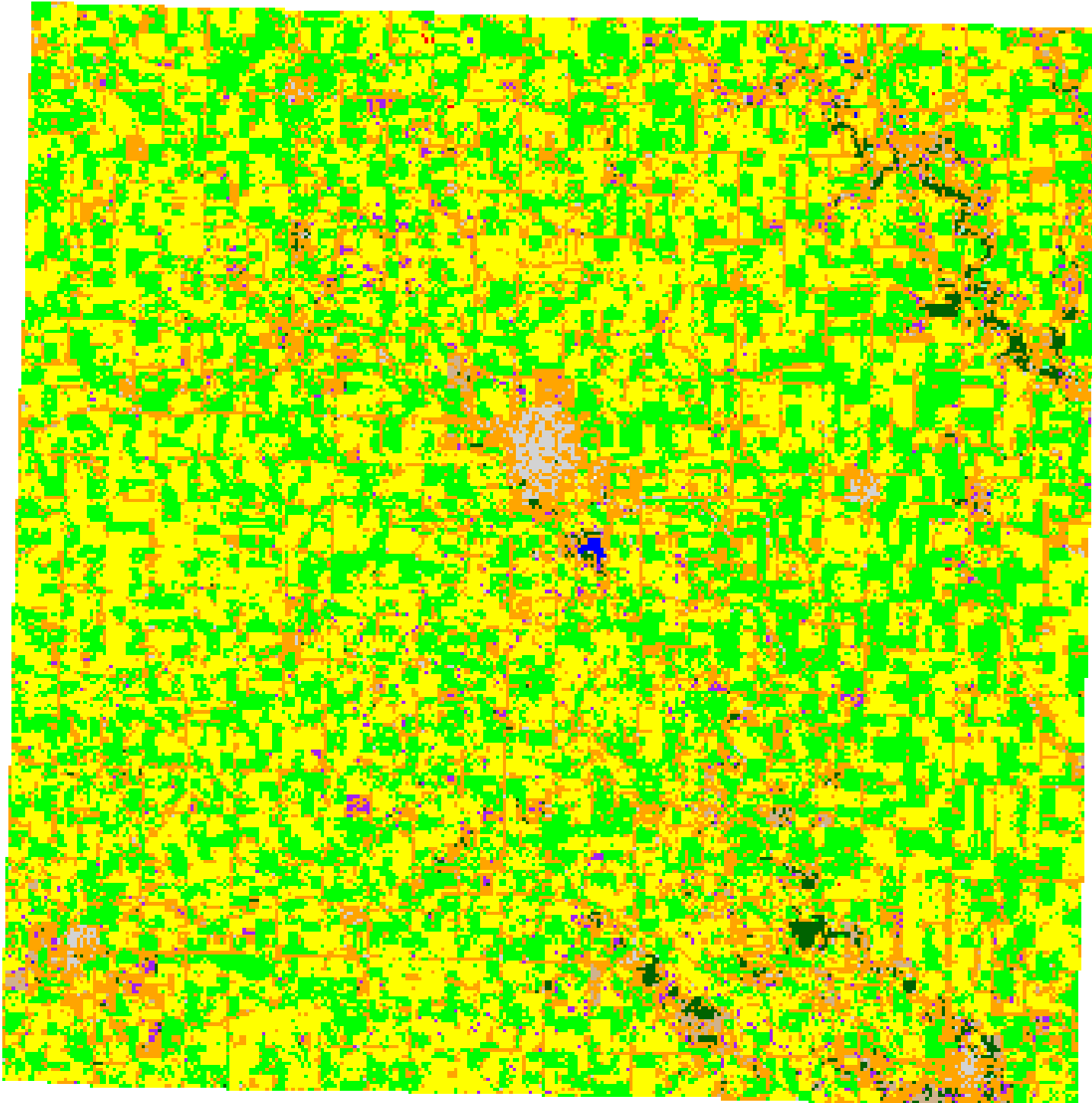
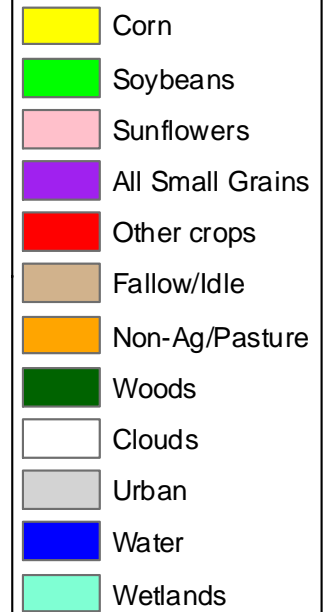
0 1 2 Miles



# 2005 Carroll County, Iowa

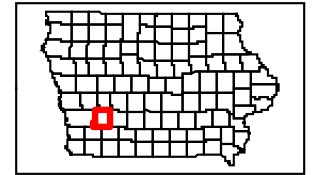


## Categories

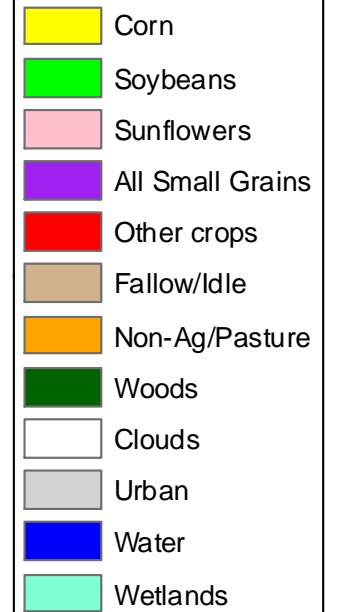




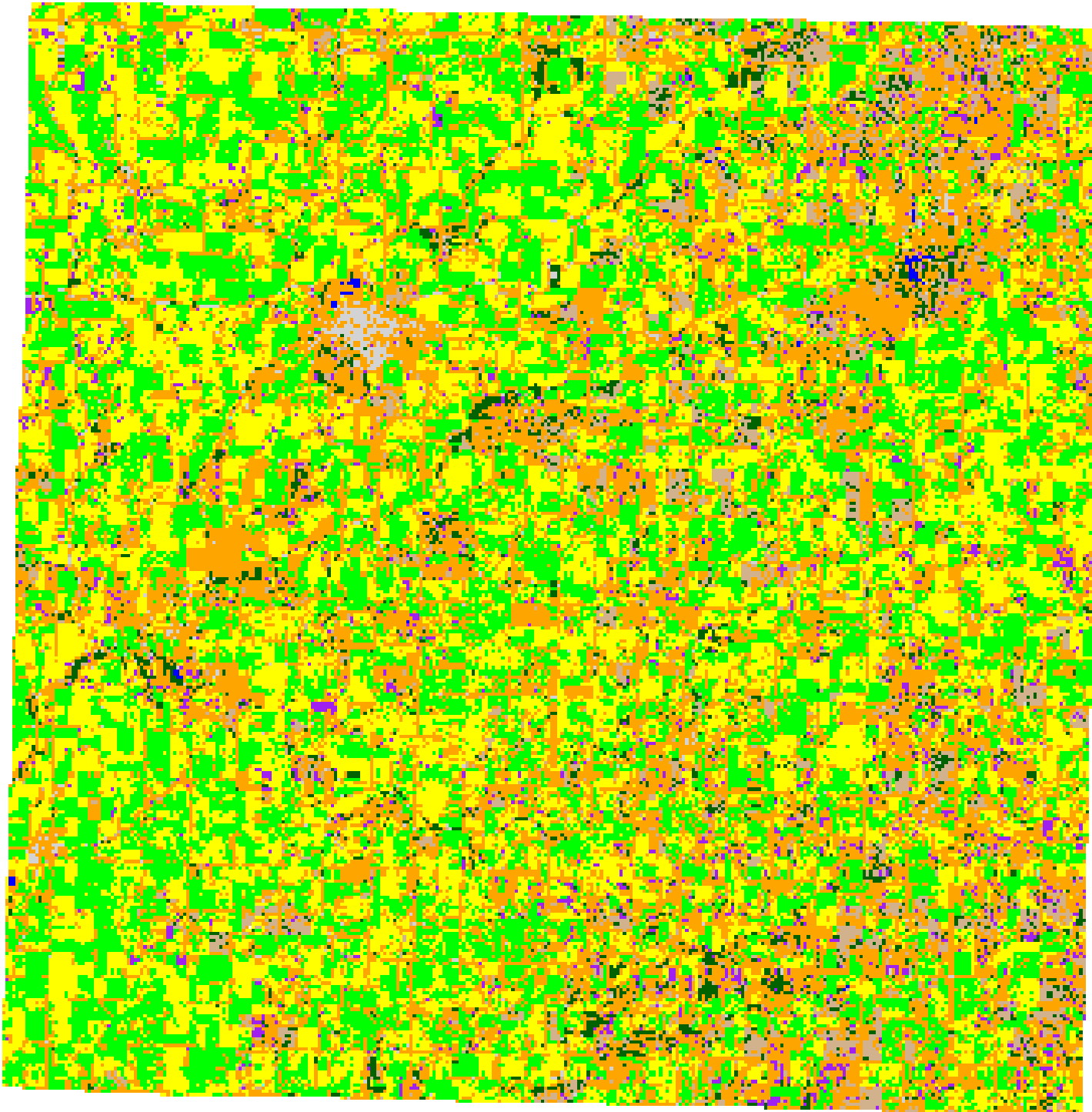
# 2005 Cass County, Iowa



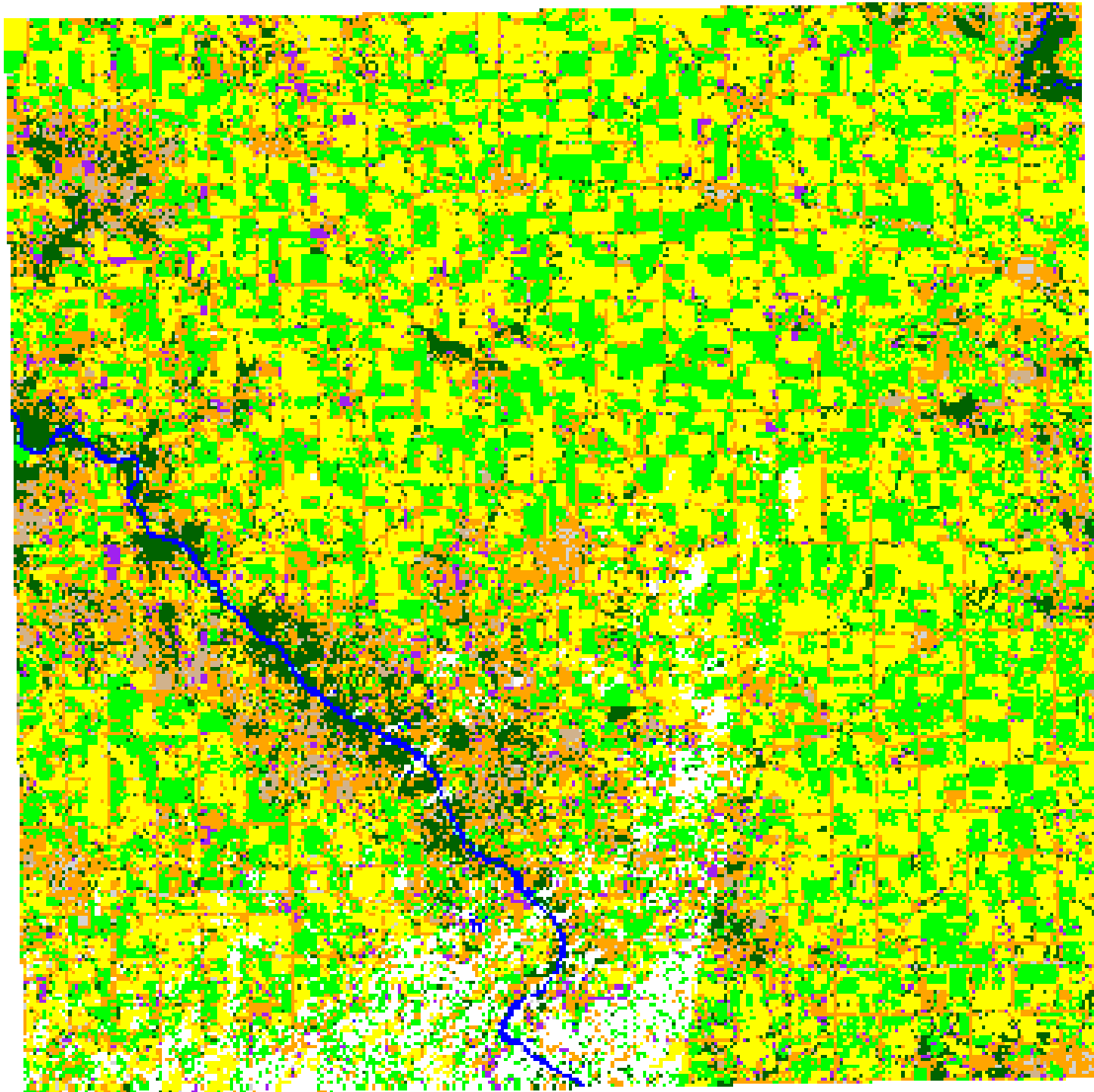
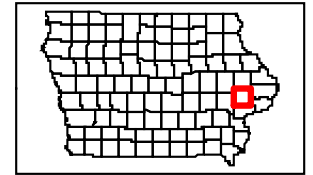
## Categories















0 1 2 Miles



# 2005 Cedar County, Iowa



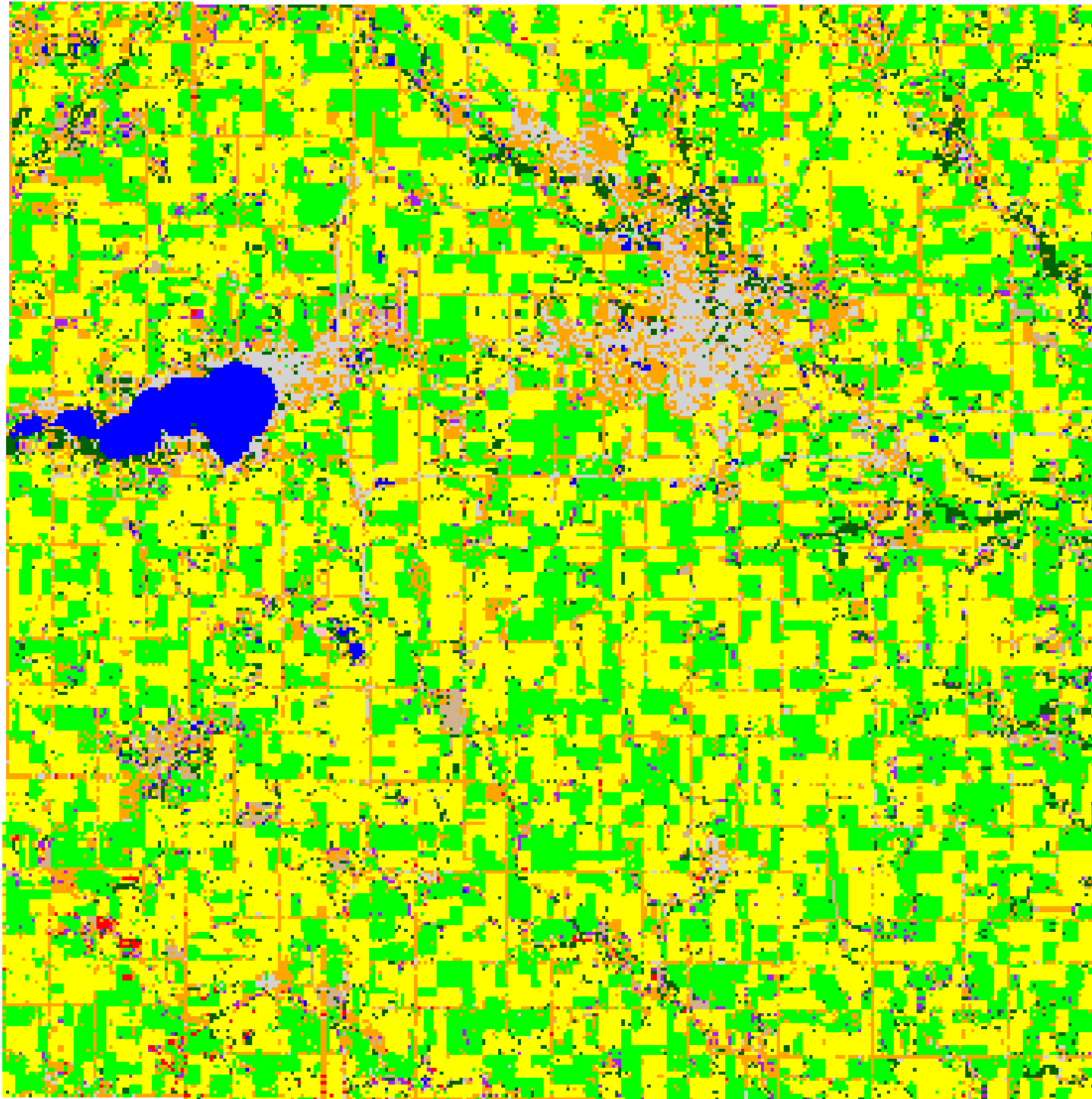
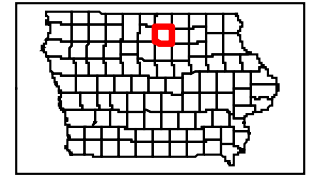
## Categories

-  Corn
-  Soybeans
-  Sunflowers
-  All Small Grains
-  Other crops
-  Fallow/Idle
-  Non-Ag/Pasture
-  Woods
-  Clouds
-  Urban
-  Water
-  Wetlands













0 1 2 Miles



# 2005 Cerro Gordo County, Iowa



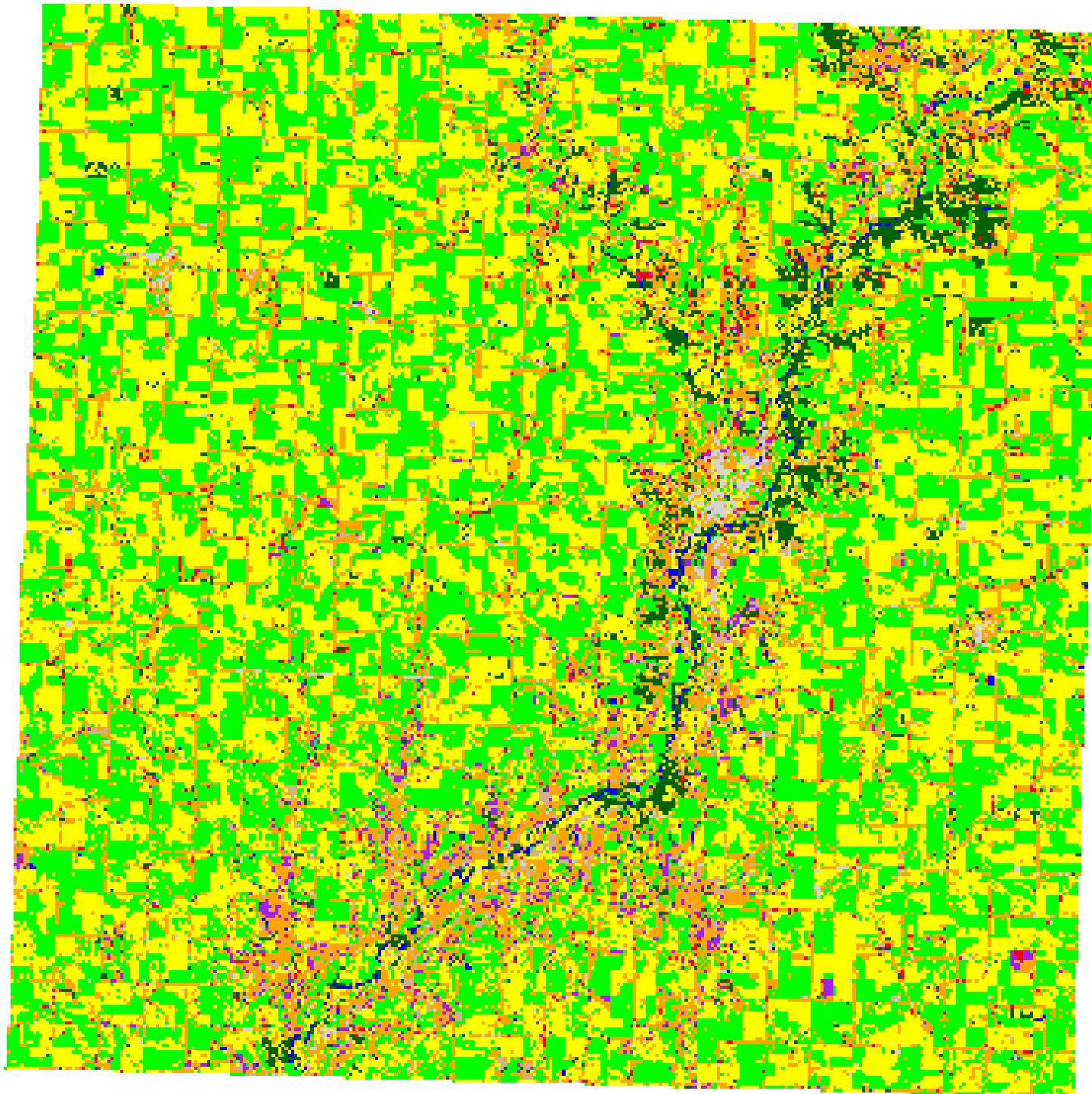
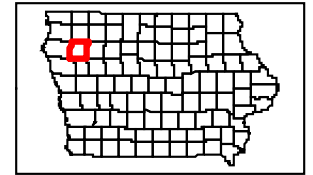
## Categories

-  Corn
-  Soybeans
-  Sunflowers
-  All Small Grains
-  Other crops
-  Fallow/Idle
-  Non-Ag/Pasture
-  Woods
-  Clouds
-  Urban
-  Water
-  Wetlands













0 1 2 Miles



# 2005 Cherokee County, Iowa



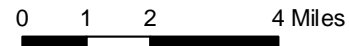
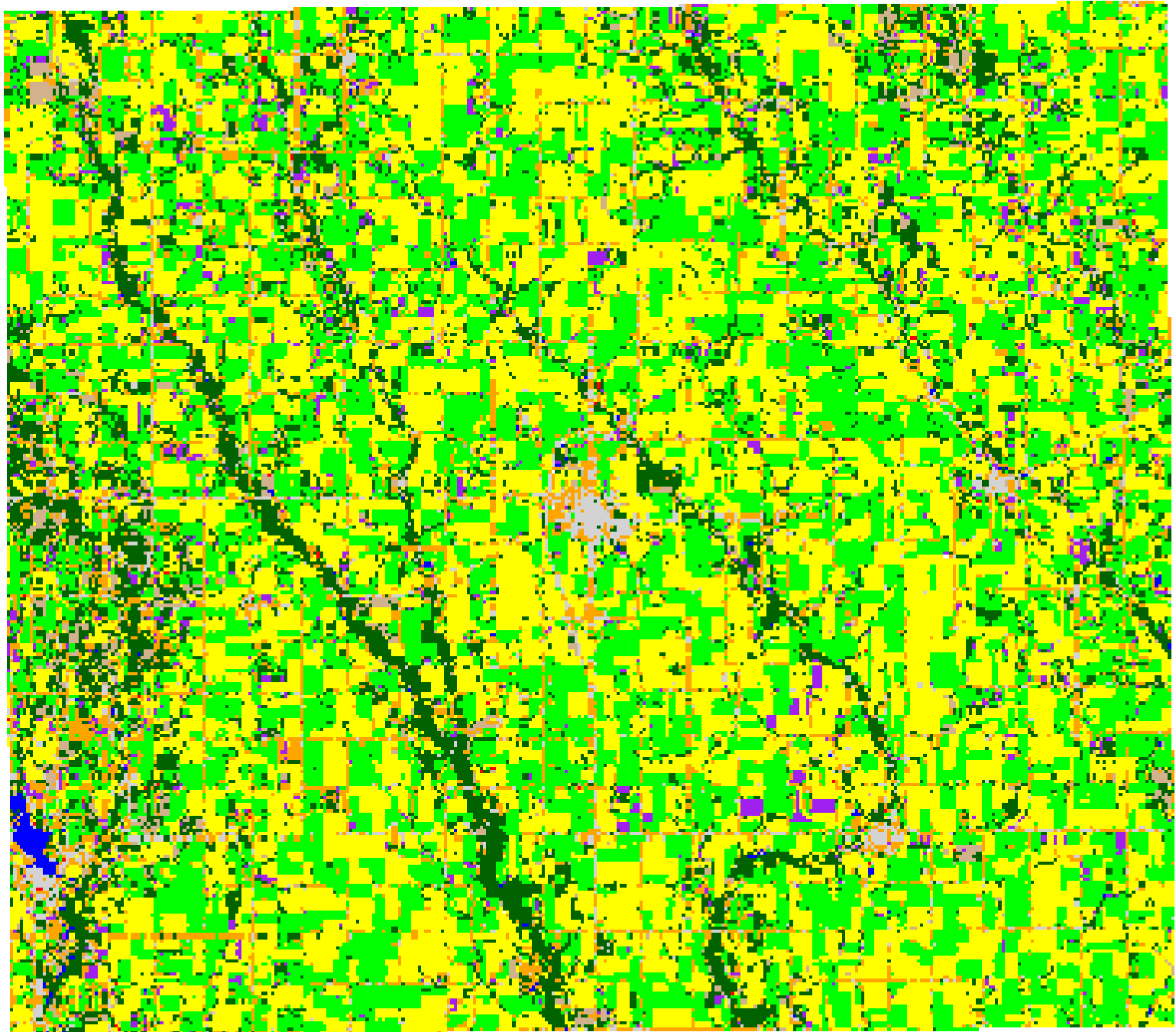
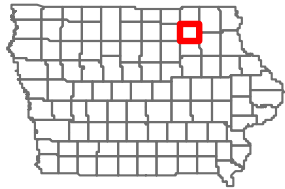
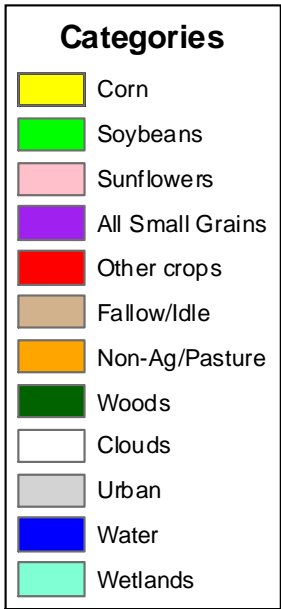
## Categories

-  Corn
-  Soybeans
-  Sunflowers
-  All Small Grains
-  Other crops
-  Fallow/Idle
-  Non-Ag/Pasture
-  Woods
-  Clouds
-  Urban
-  Water
-  Wetlands

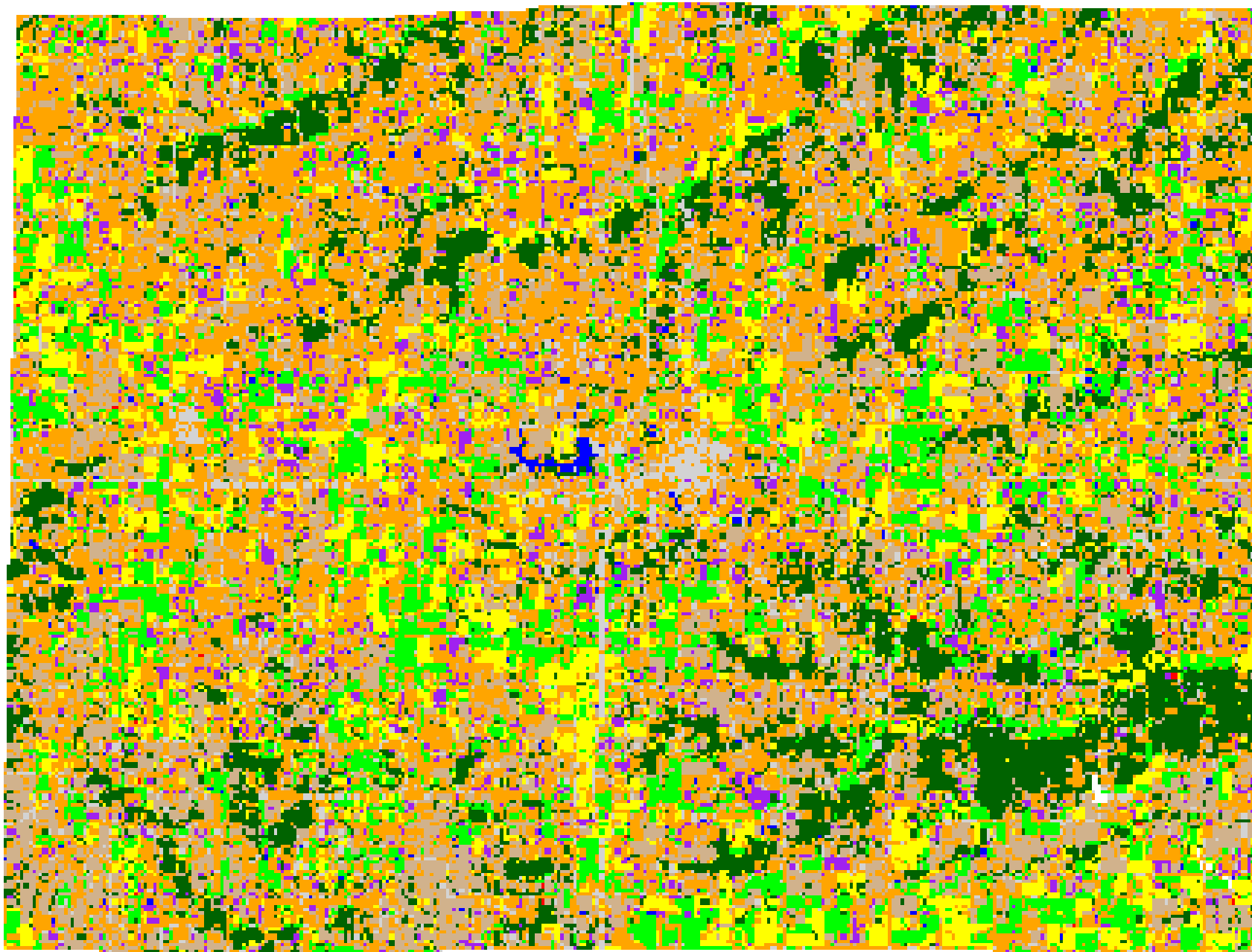
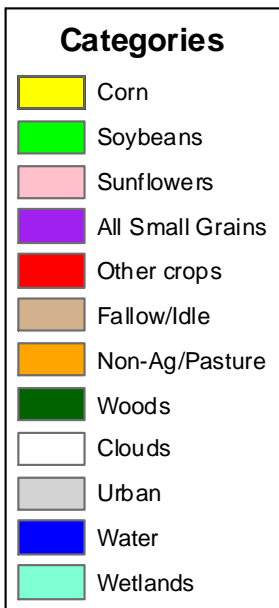
0 1 2 Miles



# 2005 Chickasaw County, Iowa Cropland Data Layer

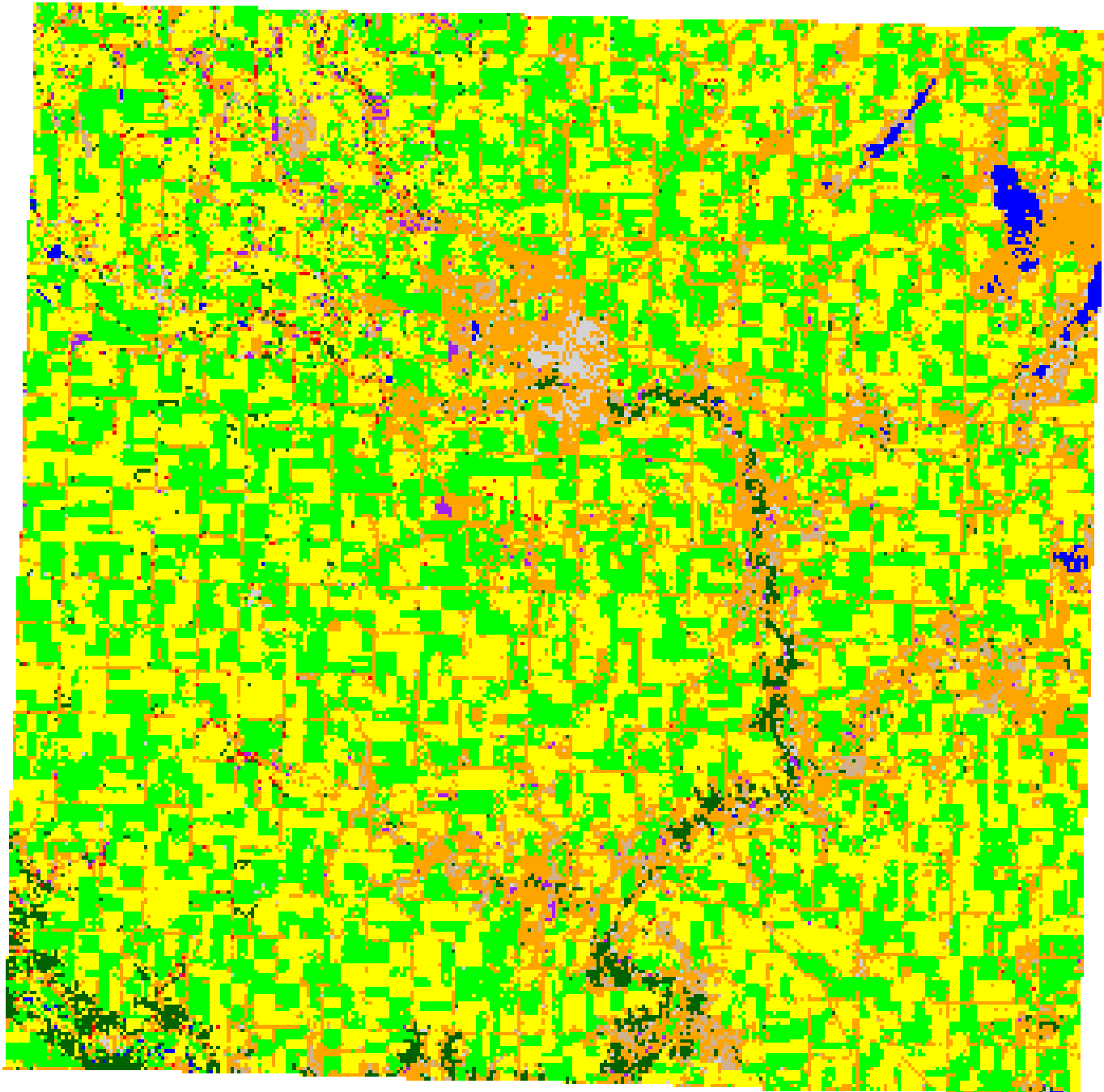
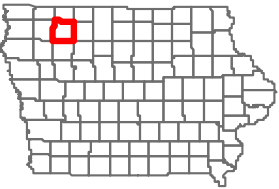
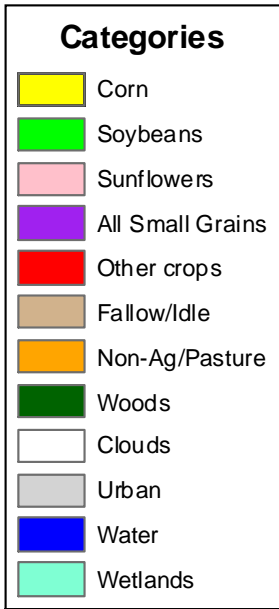


# 2005 Clarke County, Iowa Cropland Data Layer



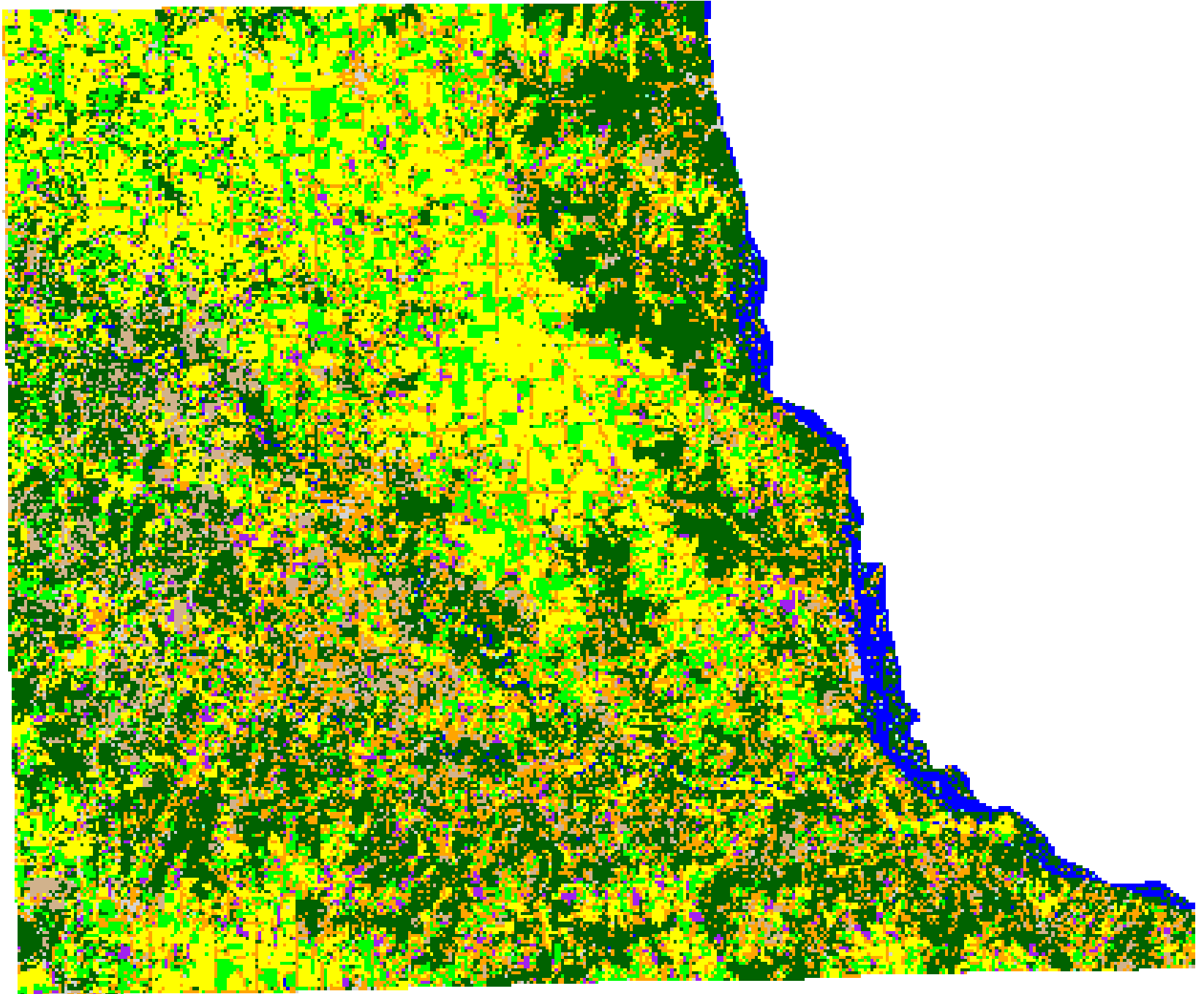
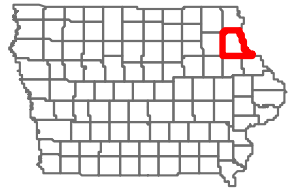
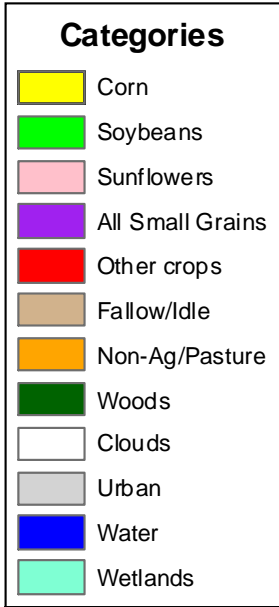
0 1 2 4 Miles

# 2005 Clay County, Iowa Cropland Data Layer



0 1 2 4 Miles

# 2005 Clayton County, Iowa Cropland Data Layer

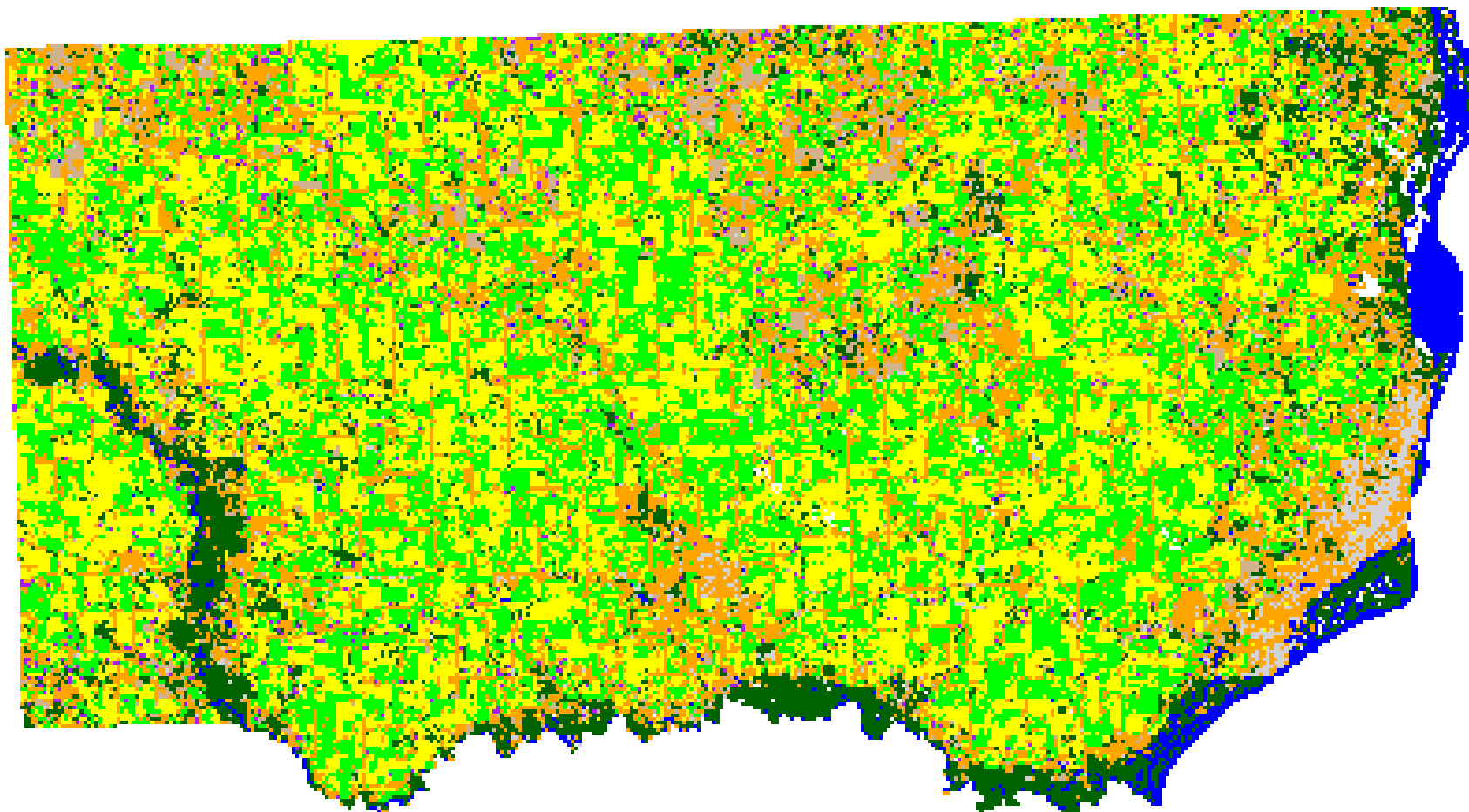
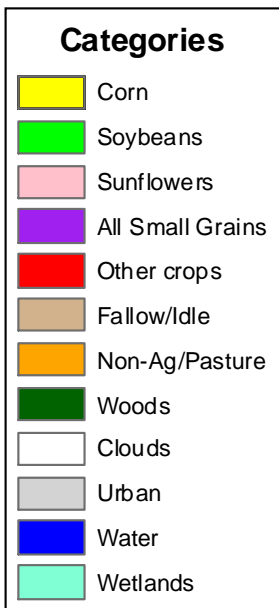


0 1 2 4 Miles

A horizontal scale bar with markings at 0, 1, 2, and 4 miles.

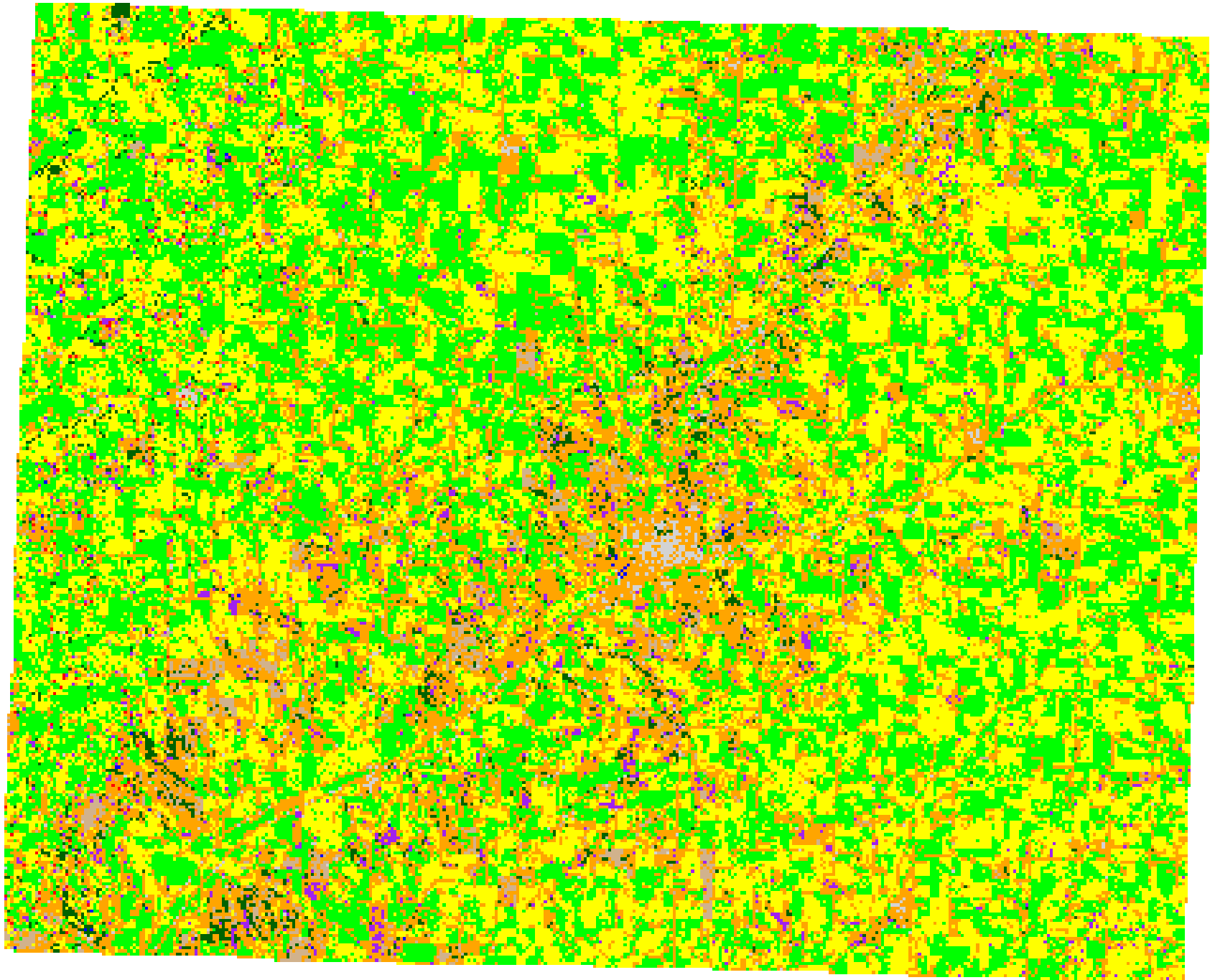
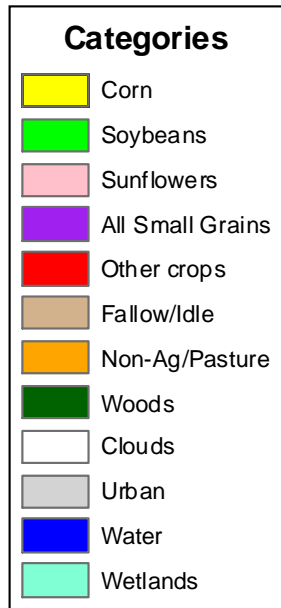


# 2005 Clinton County, Iowa Cropland Data Layer



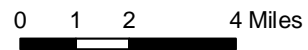
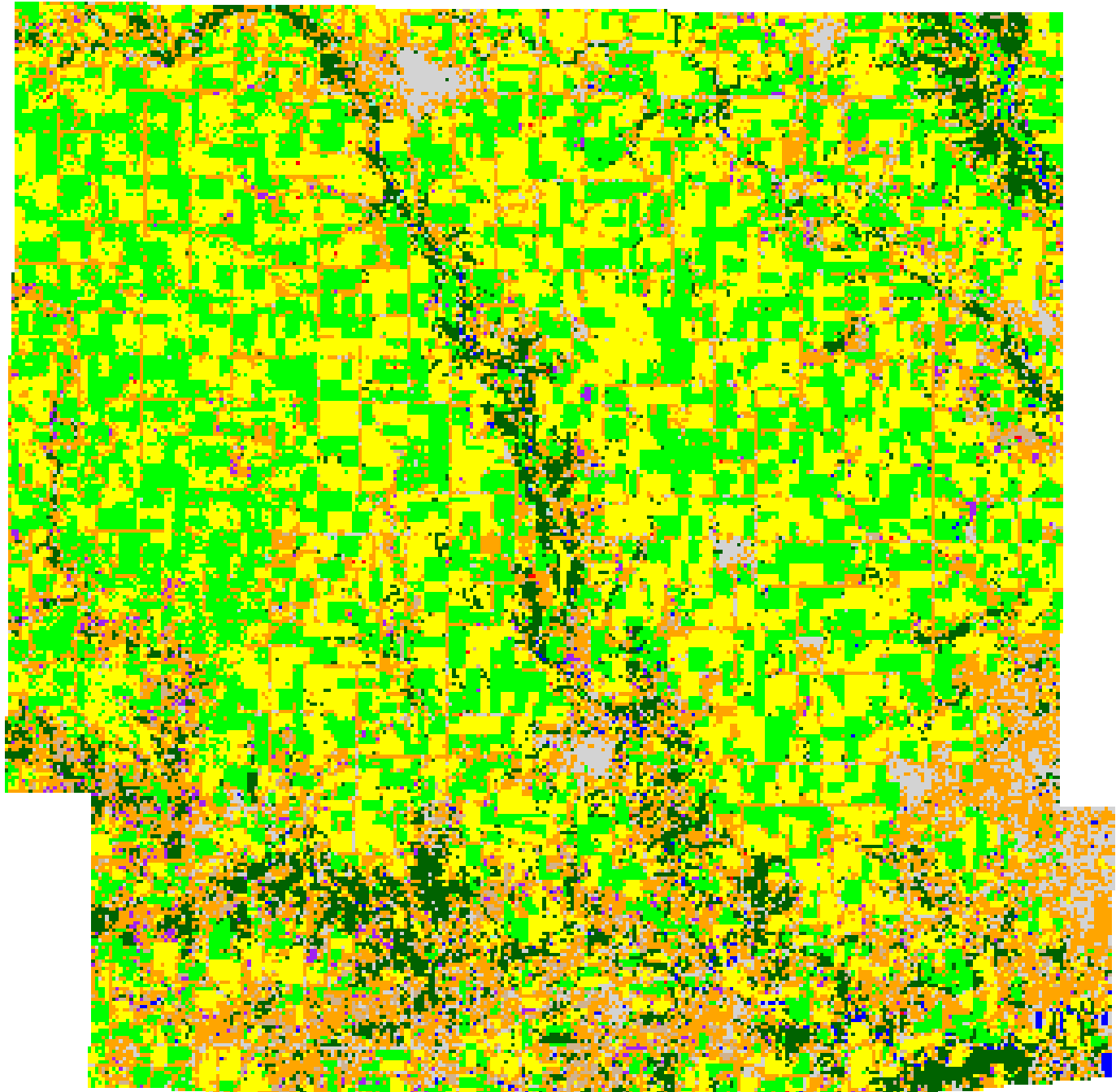
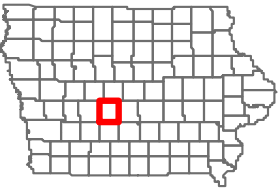
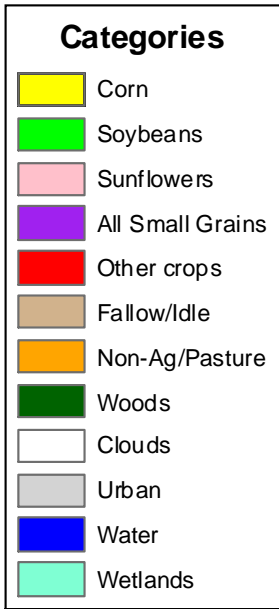
0 1 2 4 Miles

# 2005 Crawford County, Iowa Cropland Data Layer

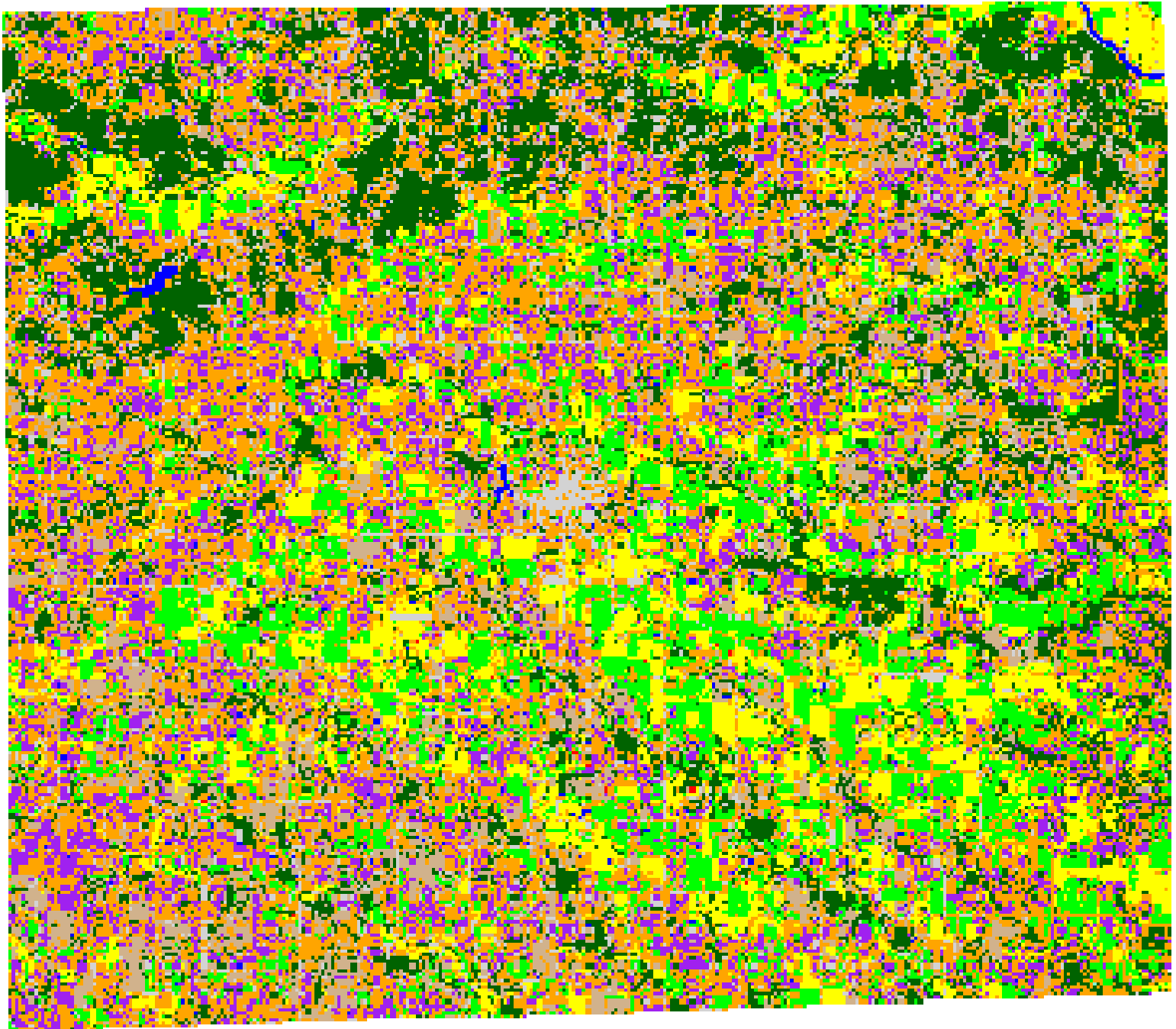
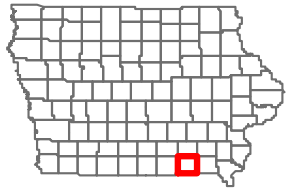
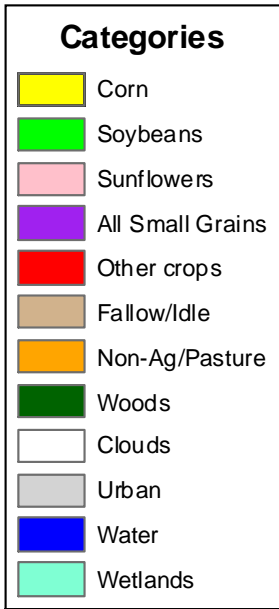


0 1 2 4 Miles

# 2005 Dallas County, Iowa Cropland Data Layer

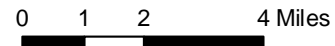
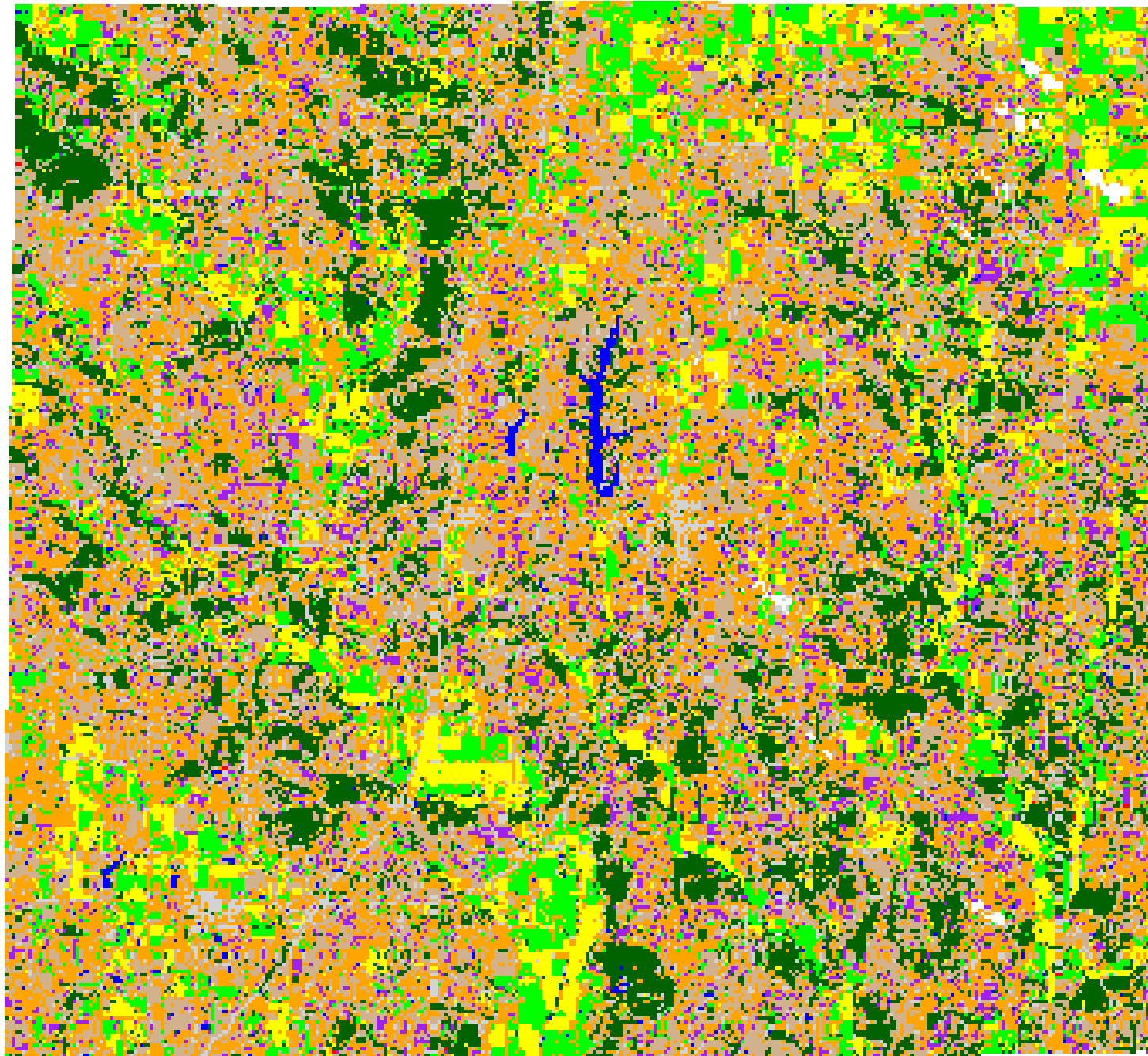
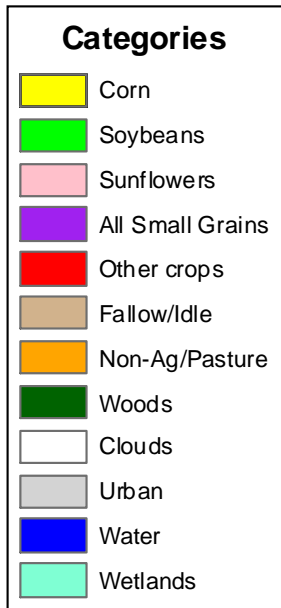


# 2005 Davis County, Iowa Cropland Data Layer

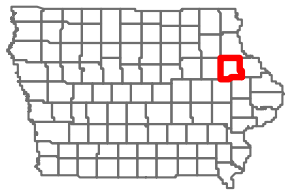
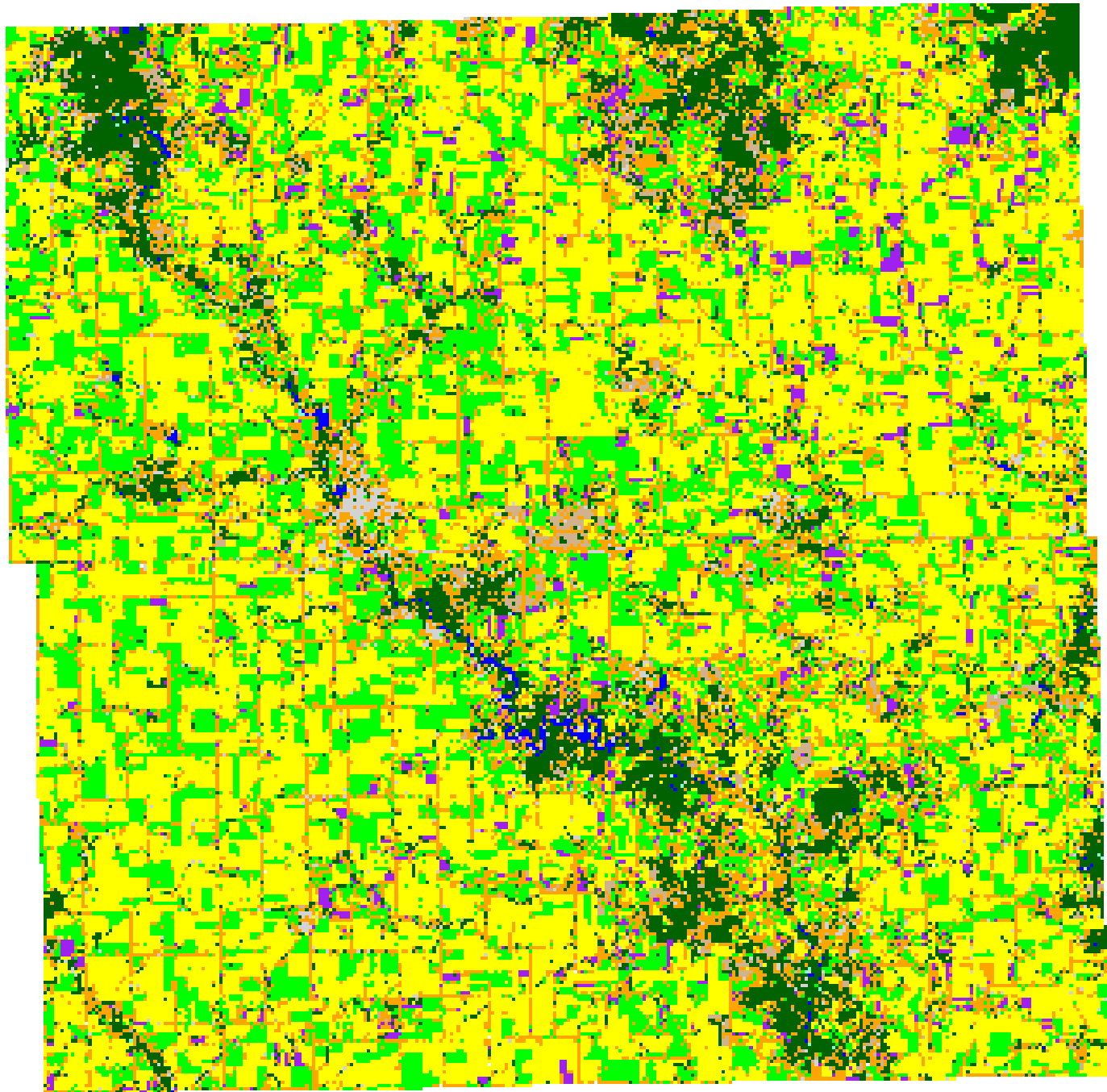
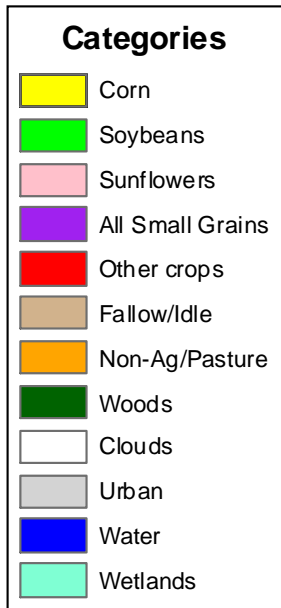


0 1 2 4 Miles

# 2005 Decatur County, Iowa Cropland Data Layer

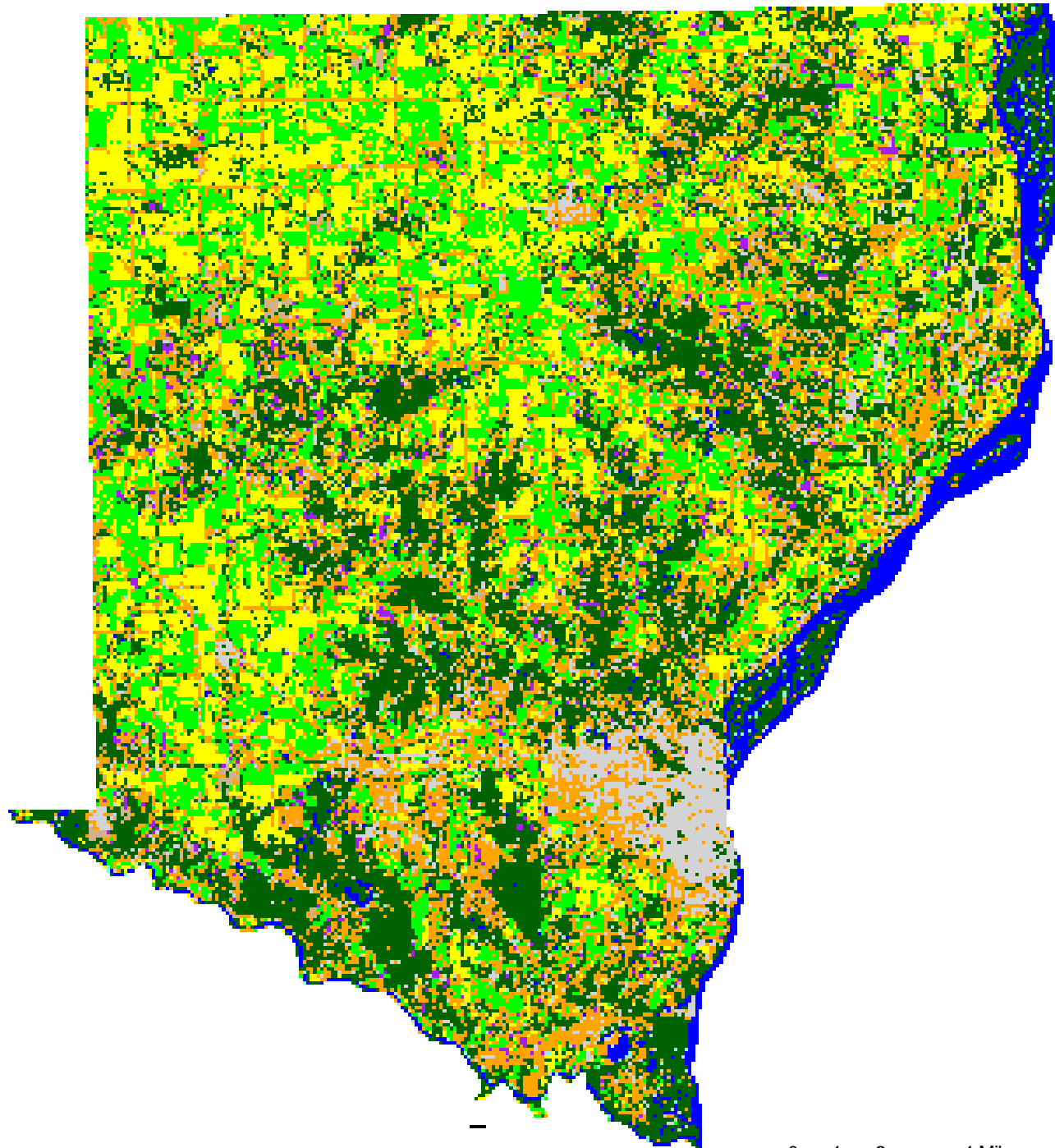
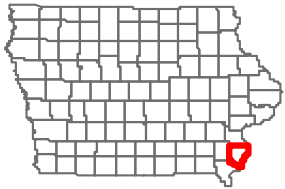
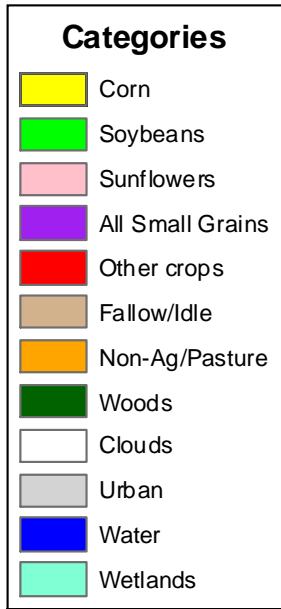


# 2005 Delaware County, Iowa Cropland Data Layer



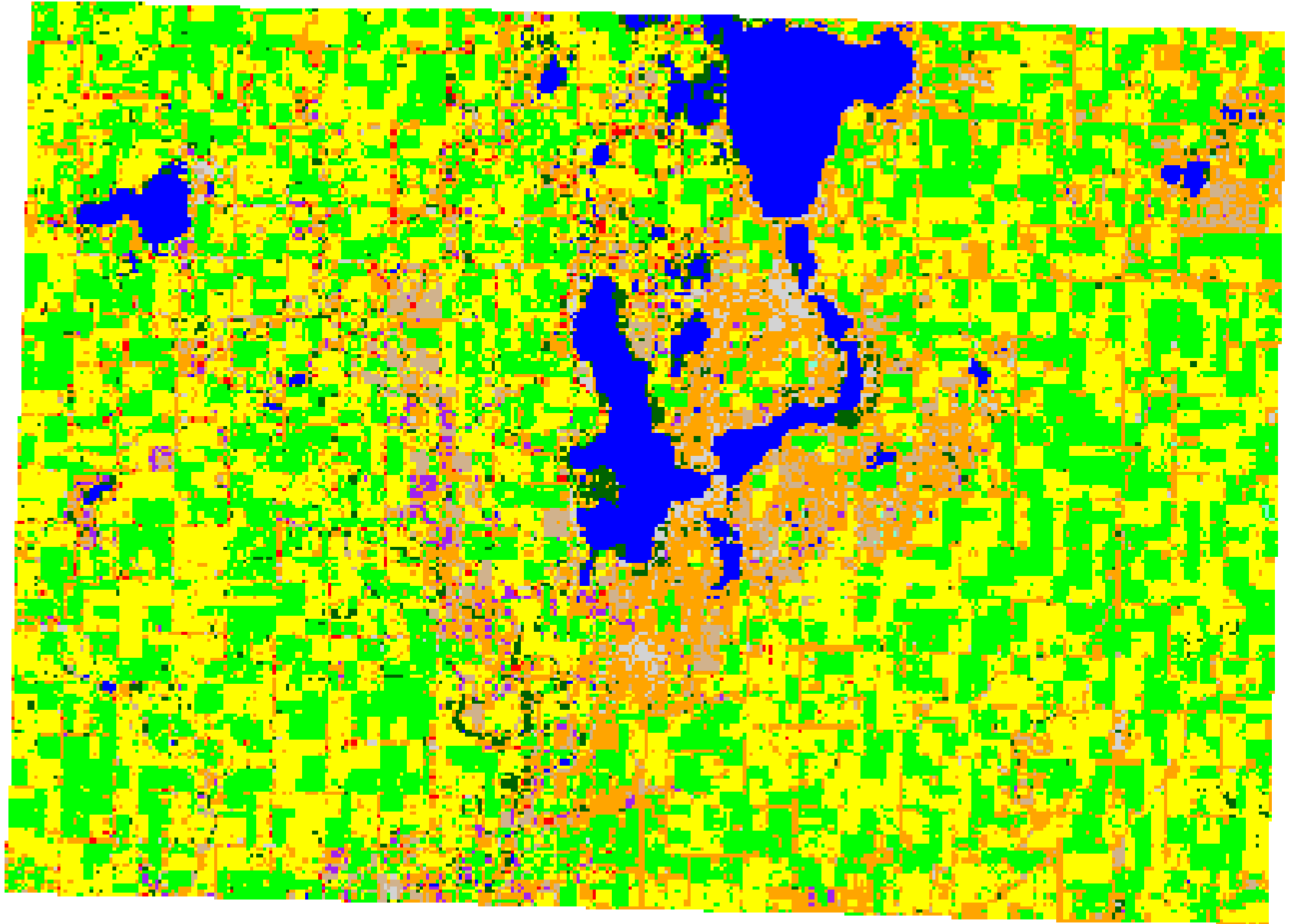
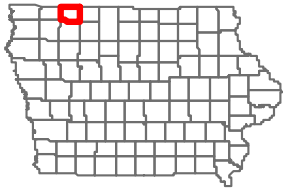
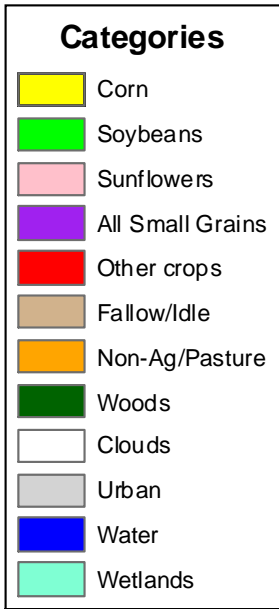
0 1 2 4 Miles

# 2005 Des Moines County, Iowa Cropland Data Layer



0 1 2 4 Miles

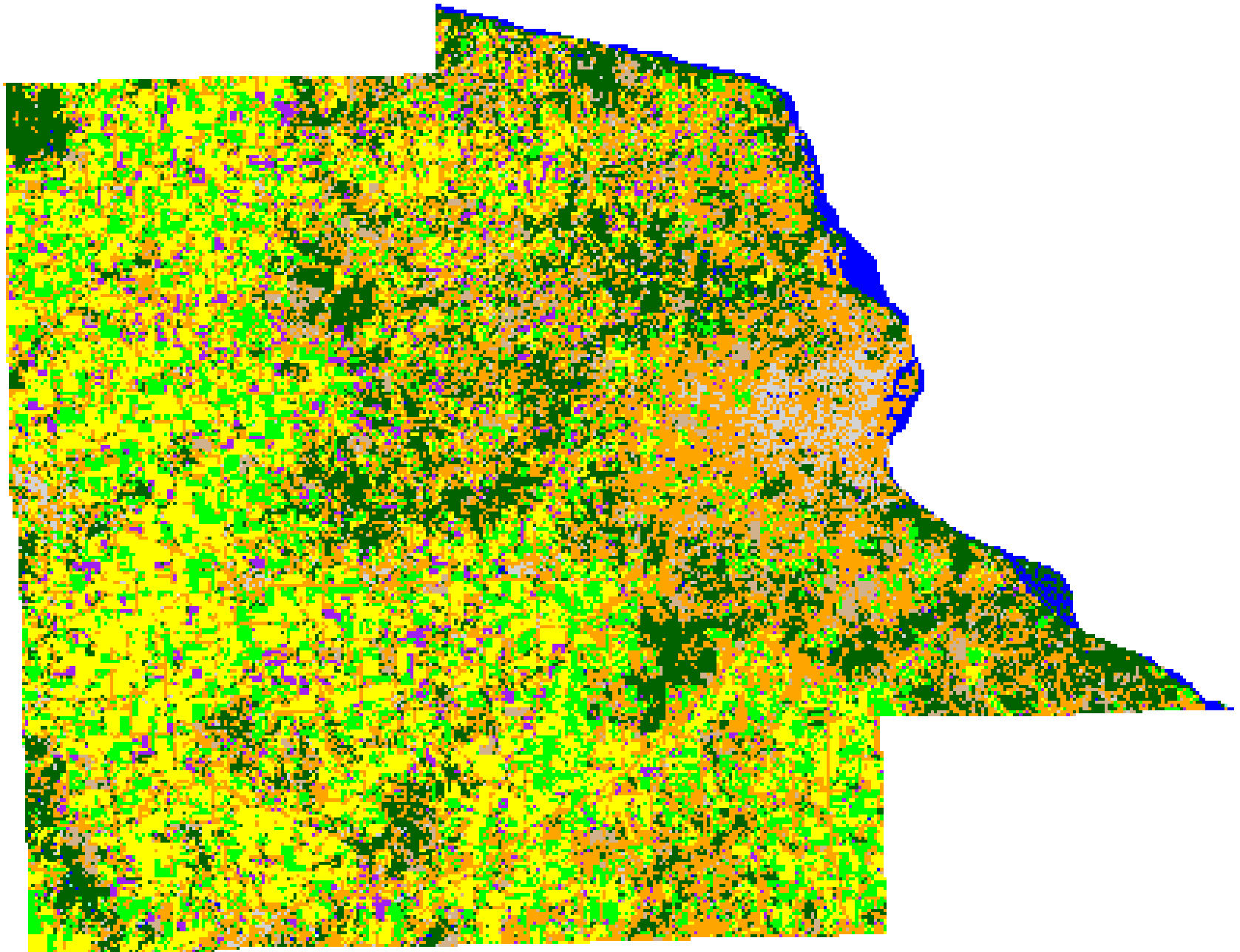
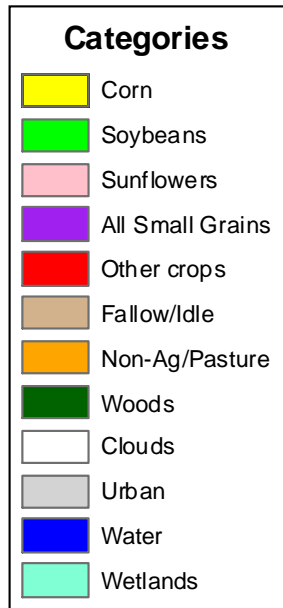
# 2005 Dickinson County, Iowa Cropland Data Layer



0 1 2 4 Miles

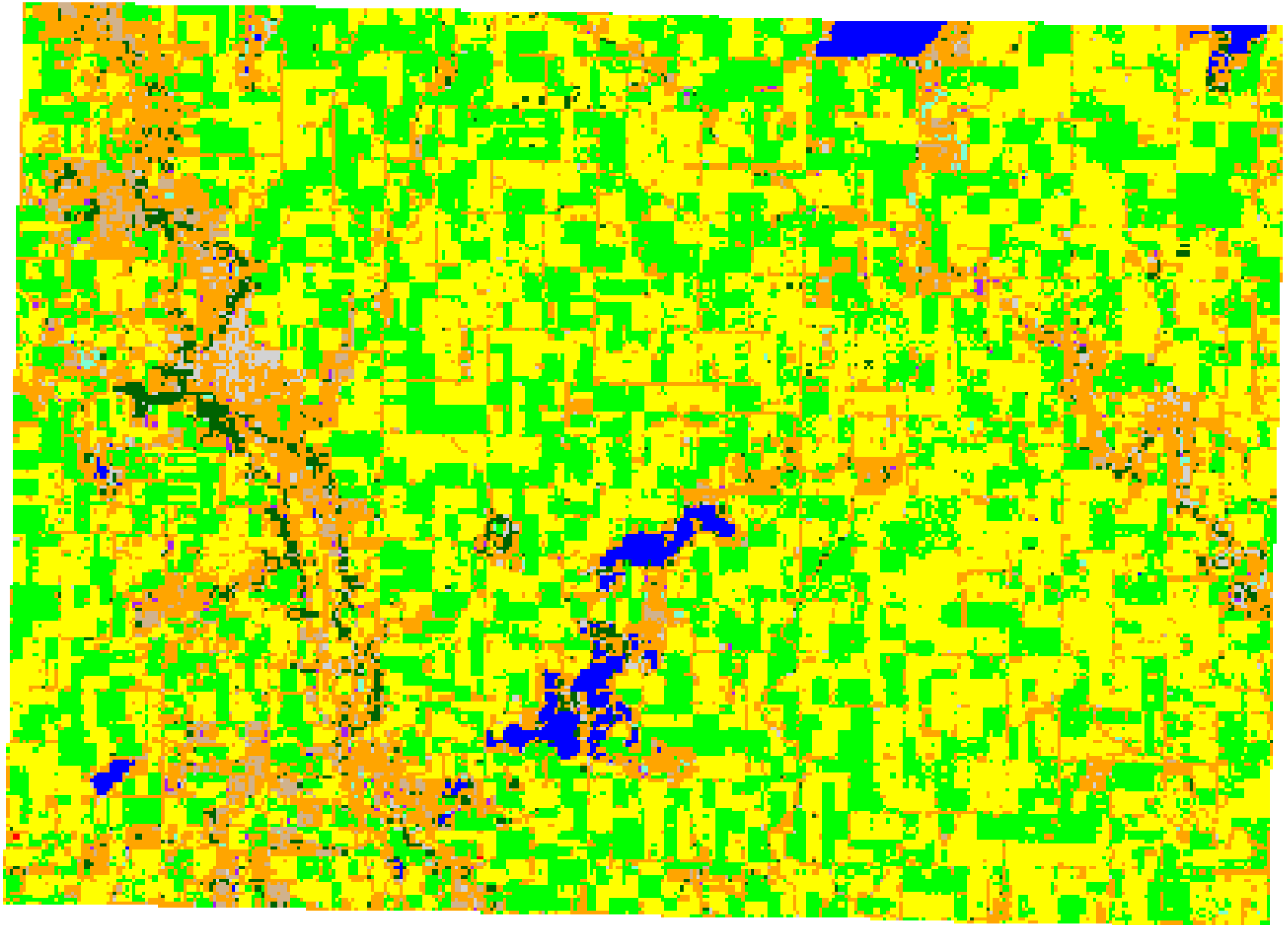
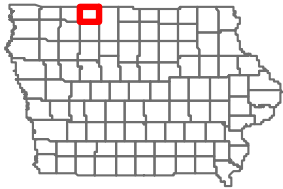
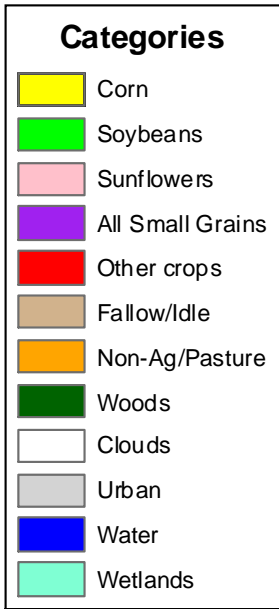


# 2005 Dubuque County, Iowa Cropland Data Layer



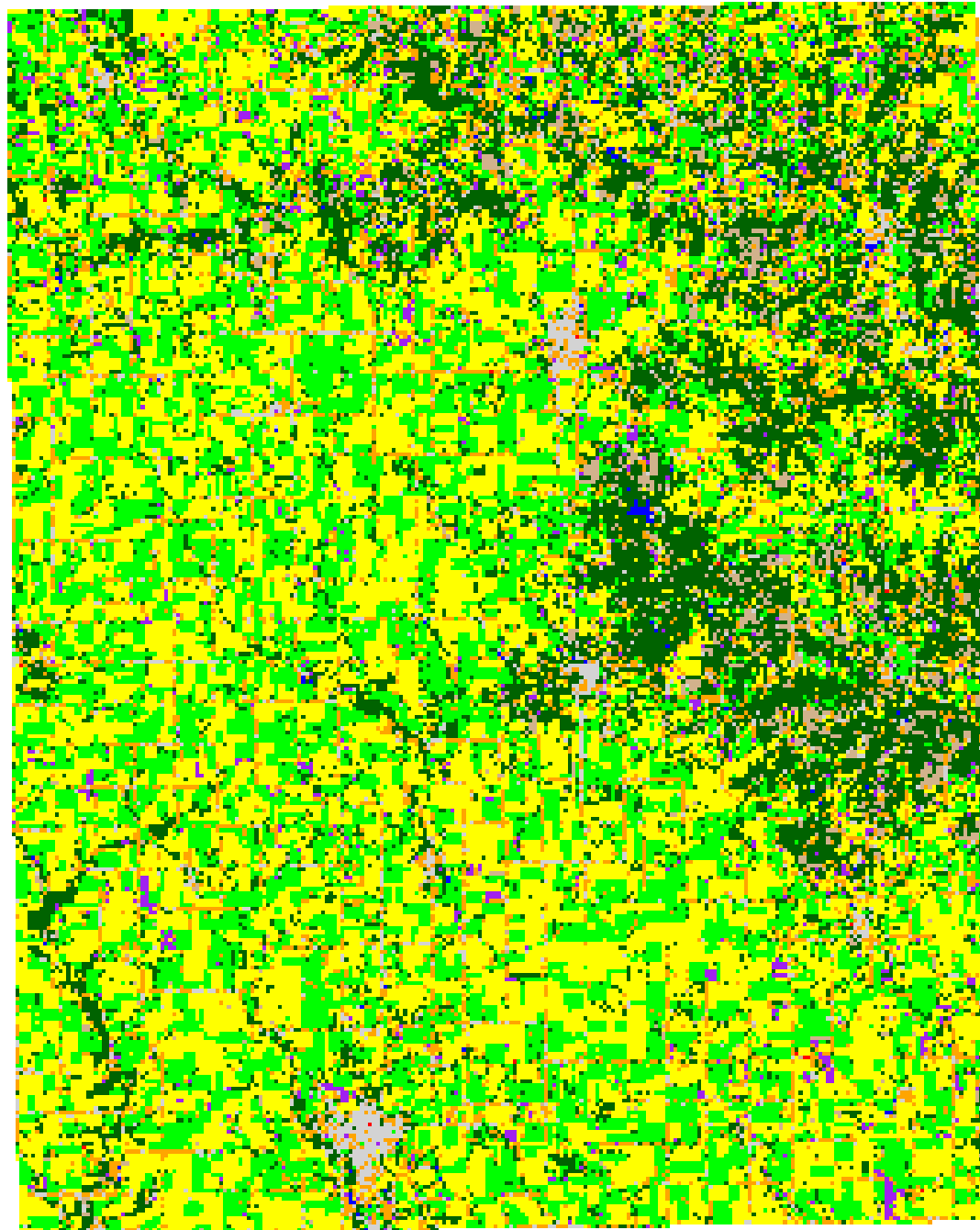
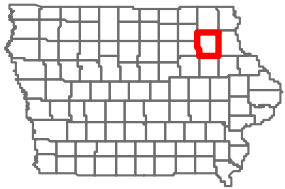
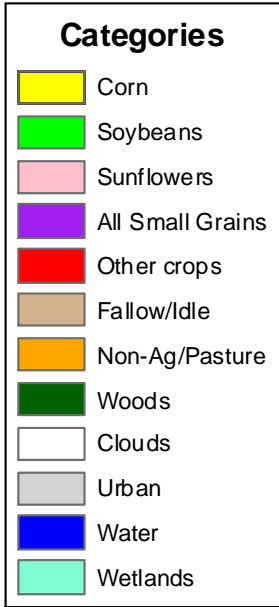
0 1 2 4 Miles

# 2005 Emmet County, Iowa Cropland Data Layer



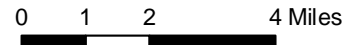
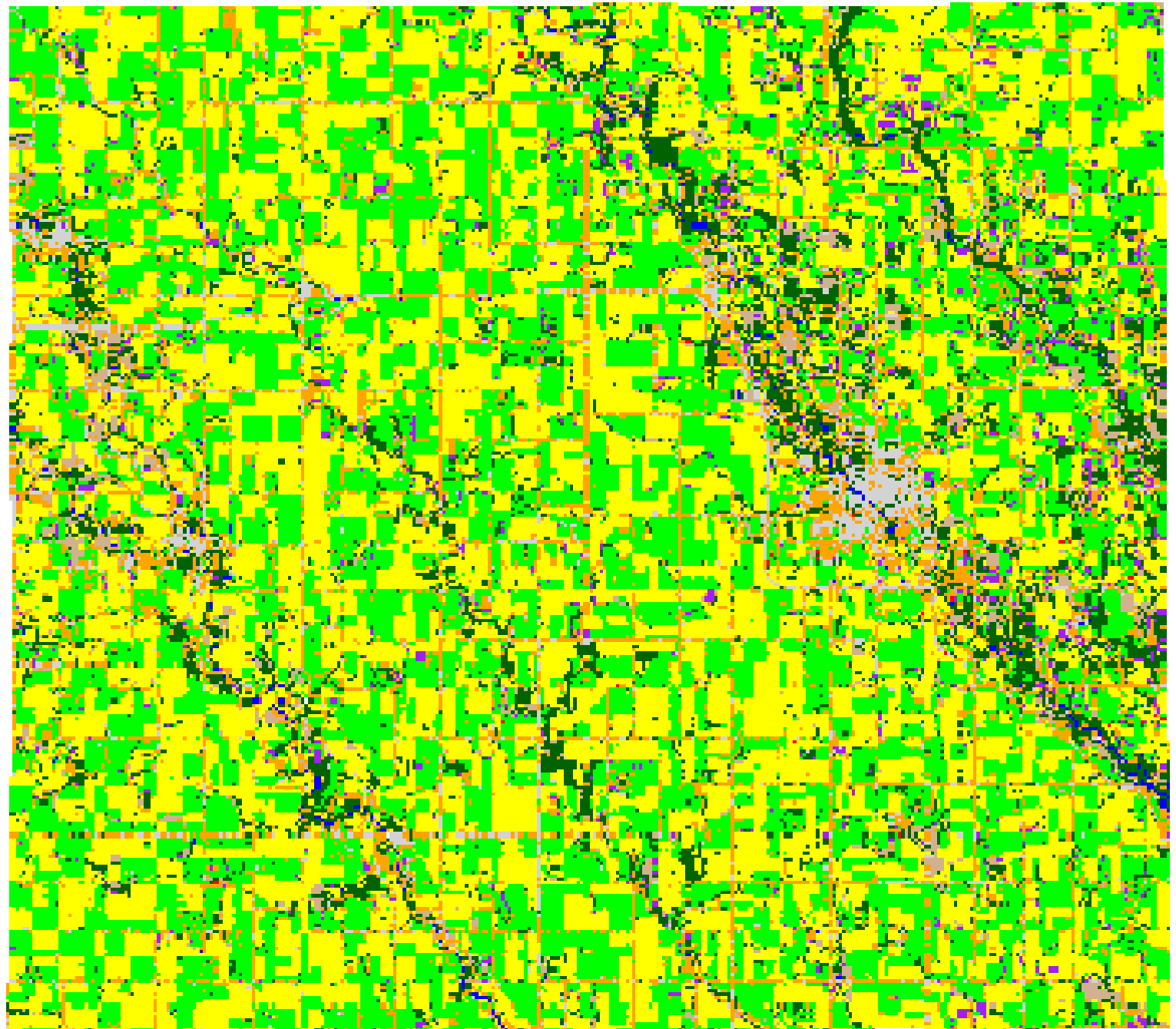
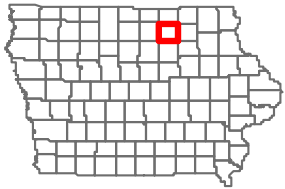
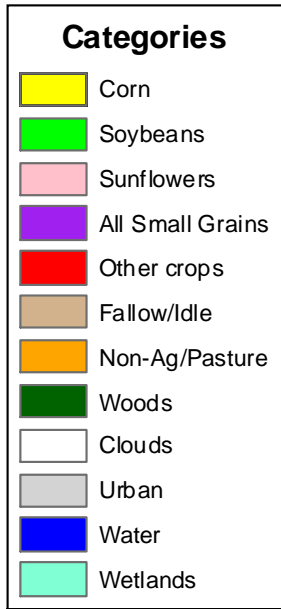
0 1 2 4 Miles

# 2005 Fayette County, Iowa Cropland Data Layer

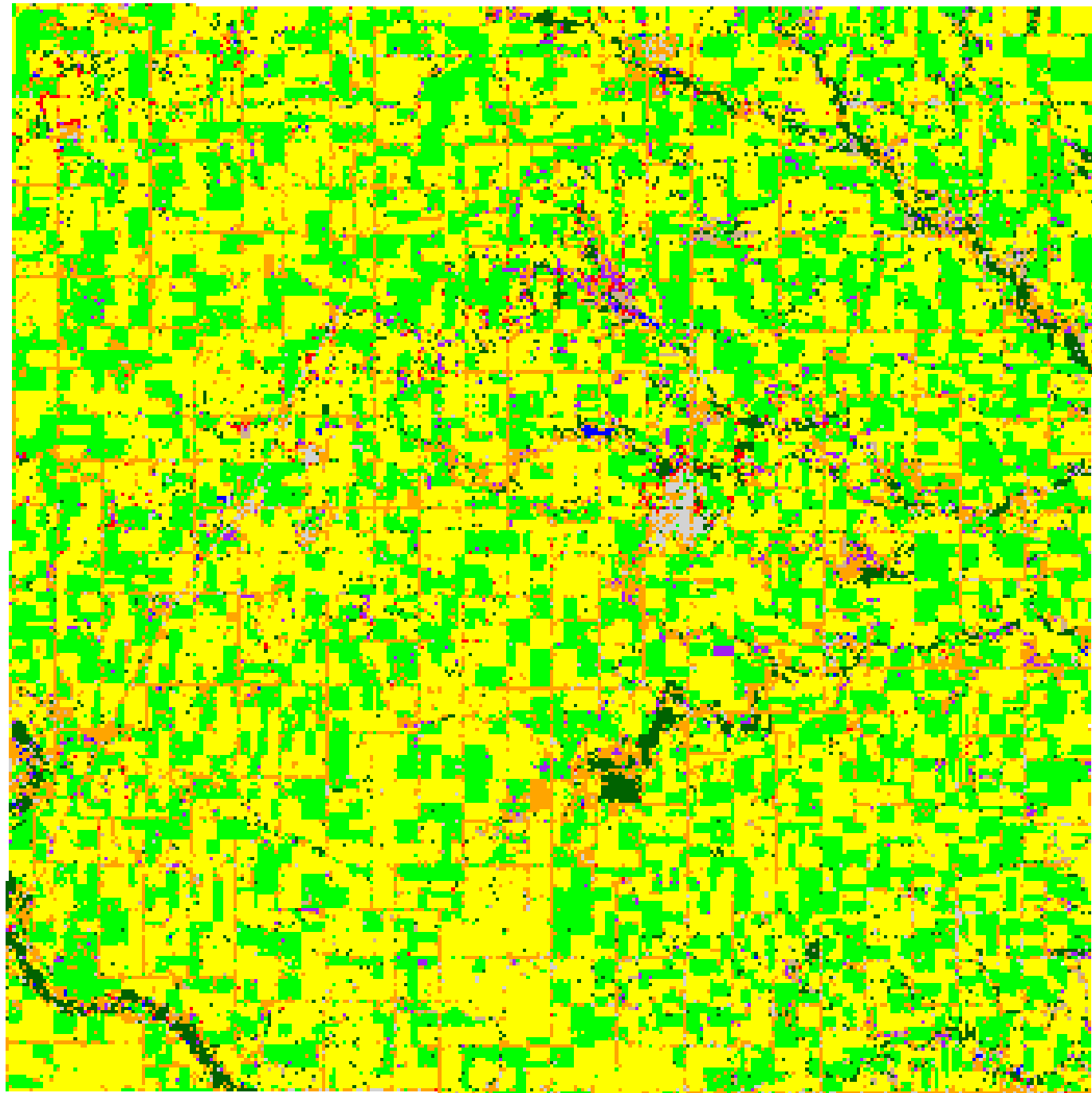
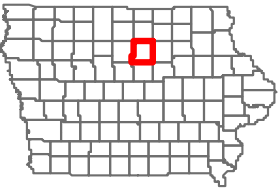
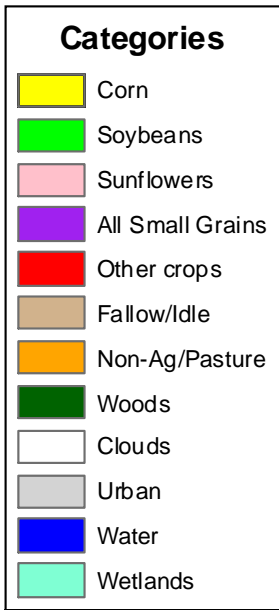


0 1 2 4 Miles

# 2005 Floyd County, Iowa Cropland Data Layer

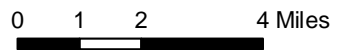
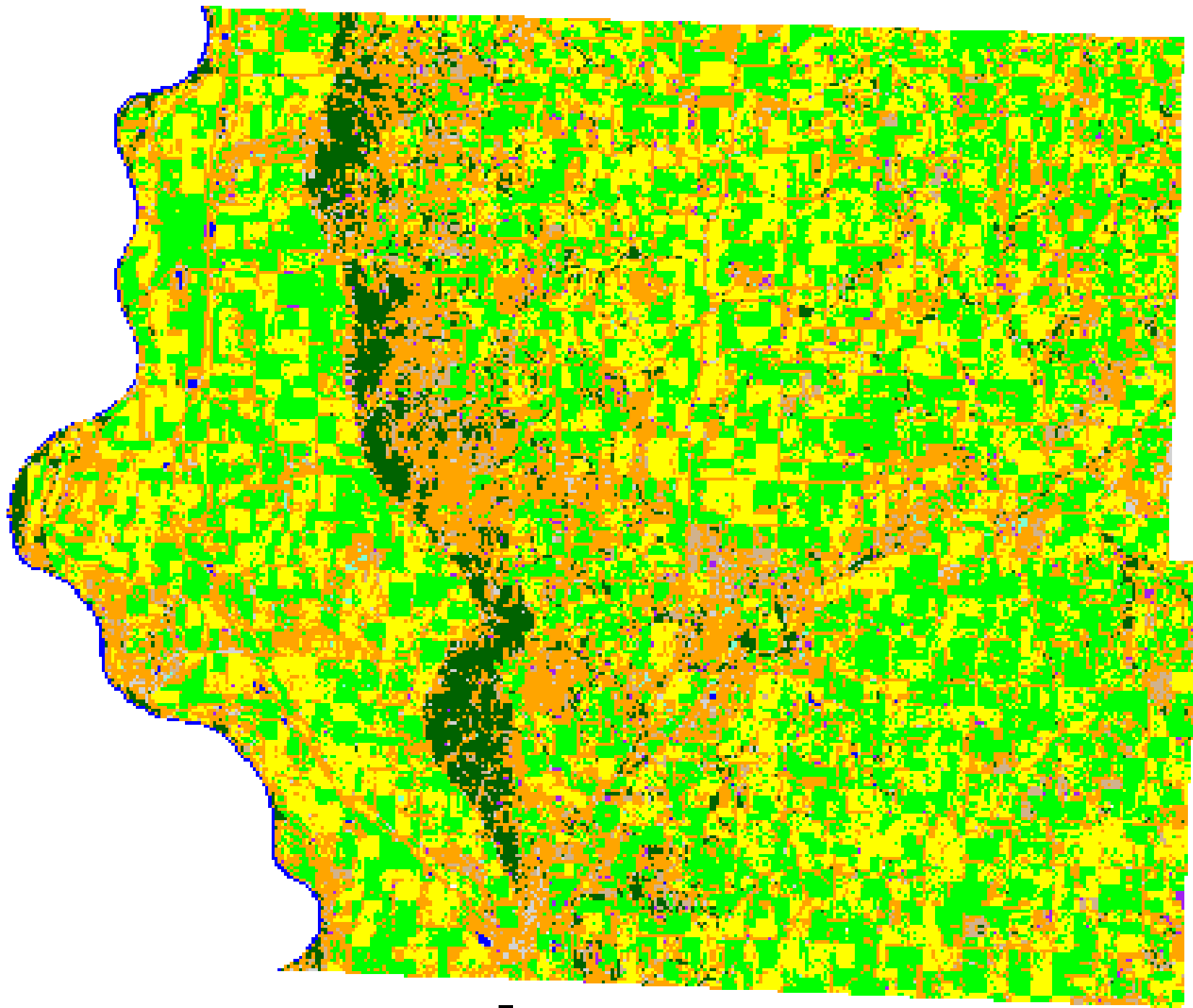
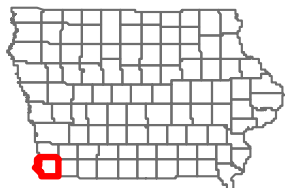
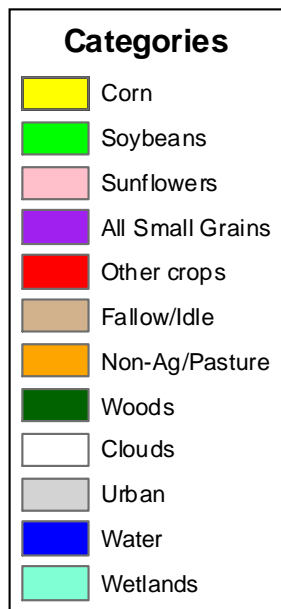


# 2005 Franklin County, Iowa Cropland Data Layer

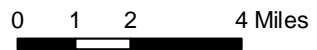
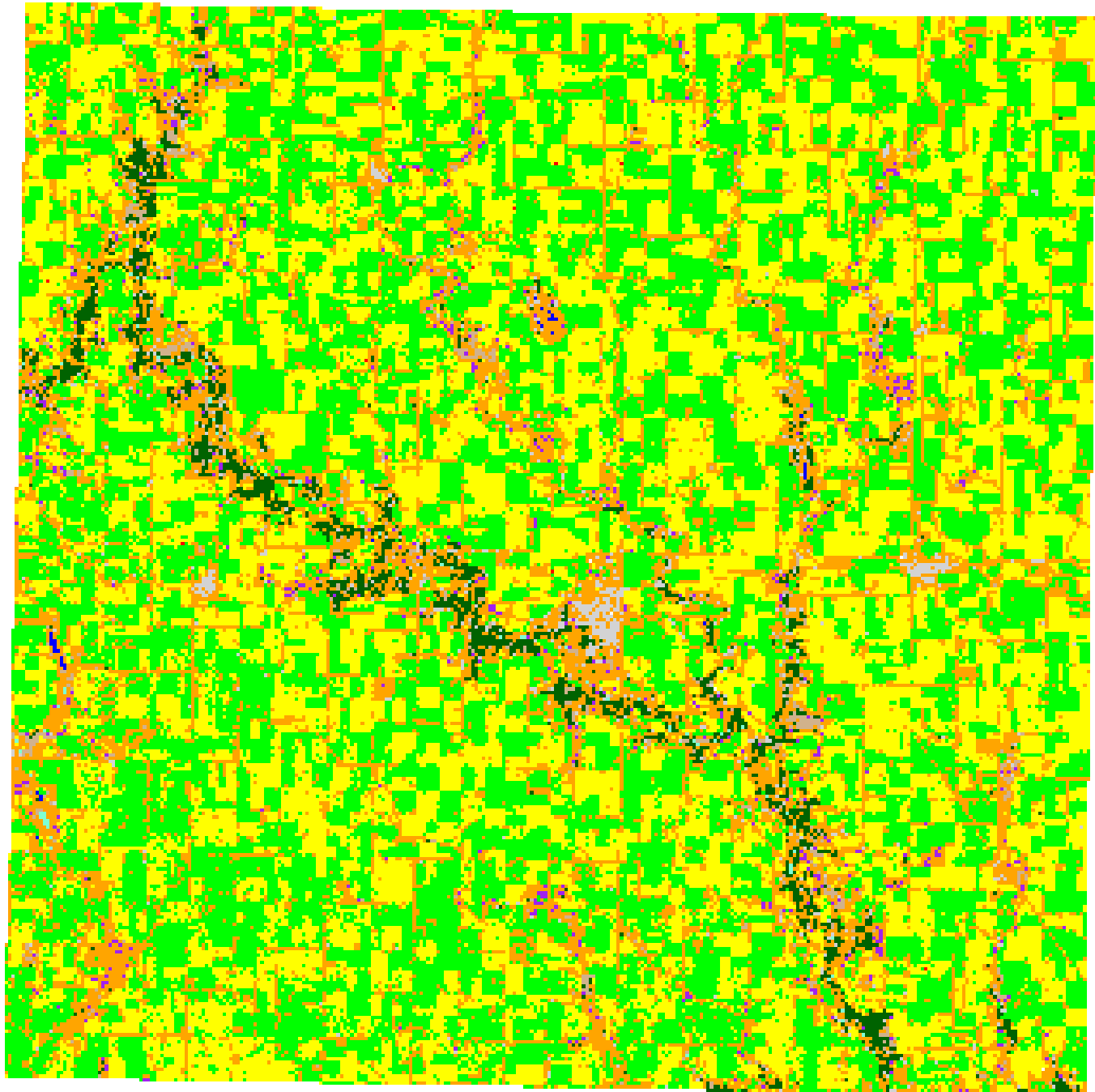
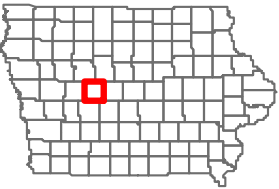
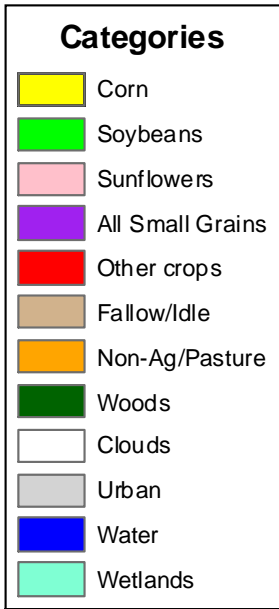


0 1 2 4 Miles

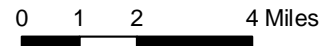
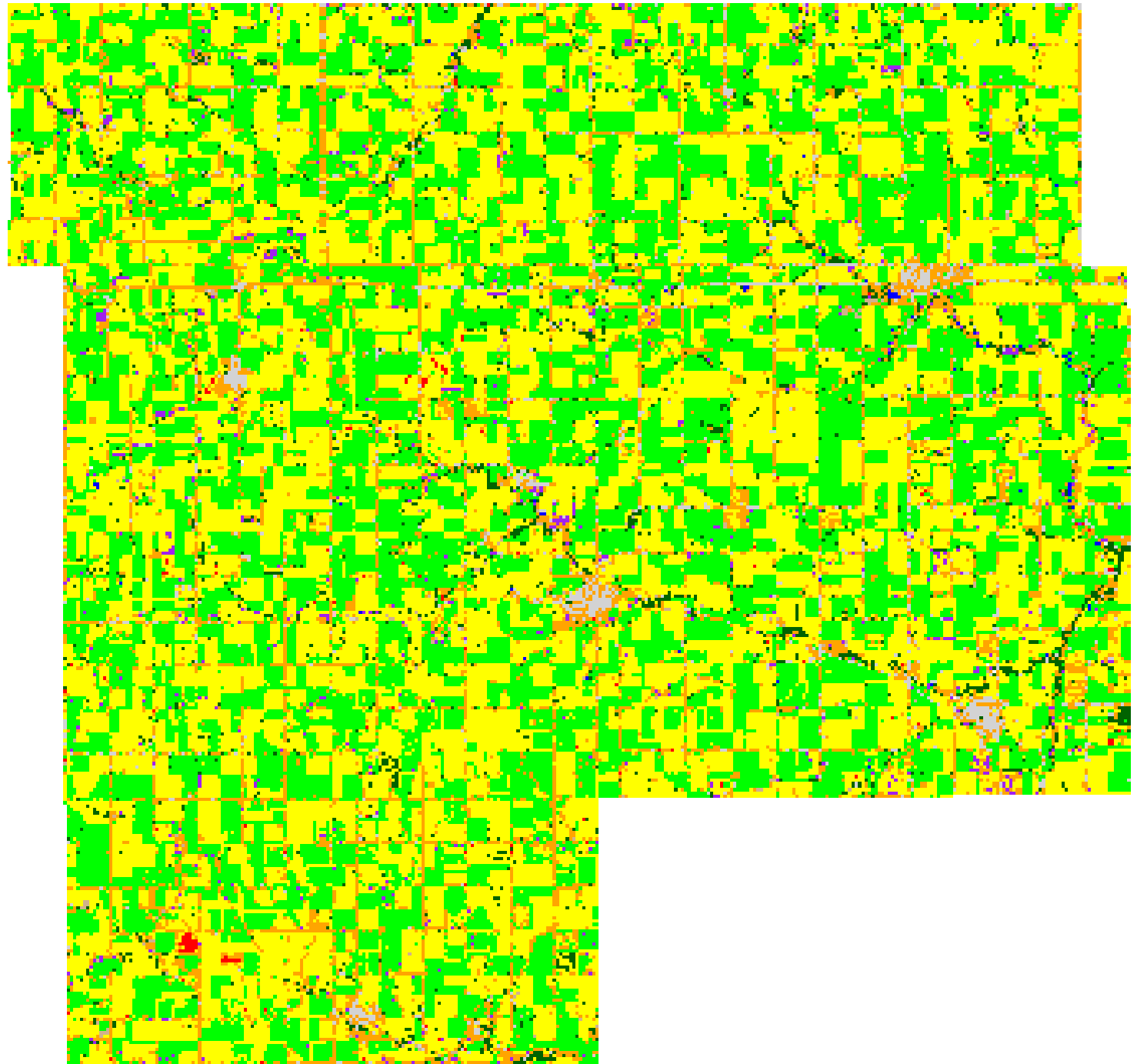
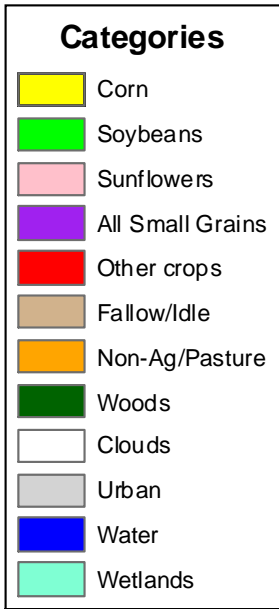
# 2005 Fremont County, Iowa Cropland Data Layer



# 2005 Greene County, Iowa Cropland Data Layer

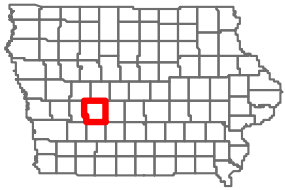
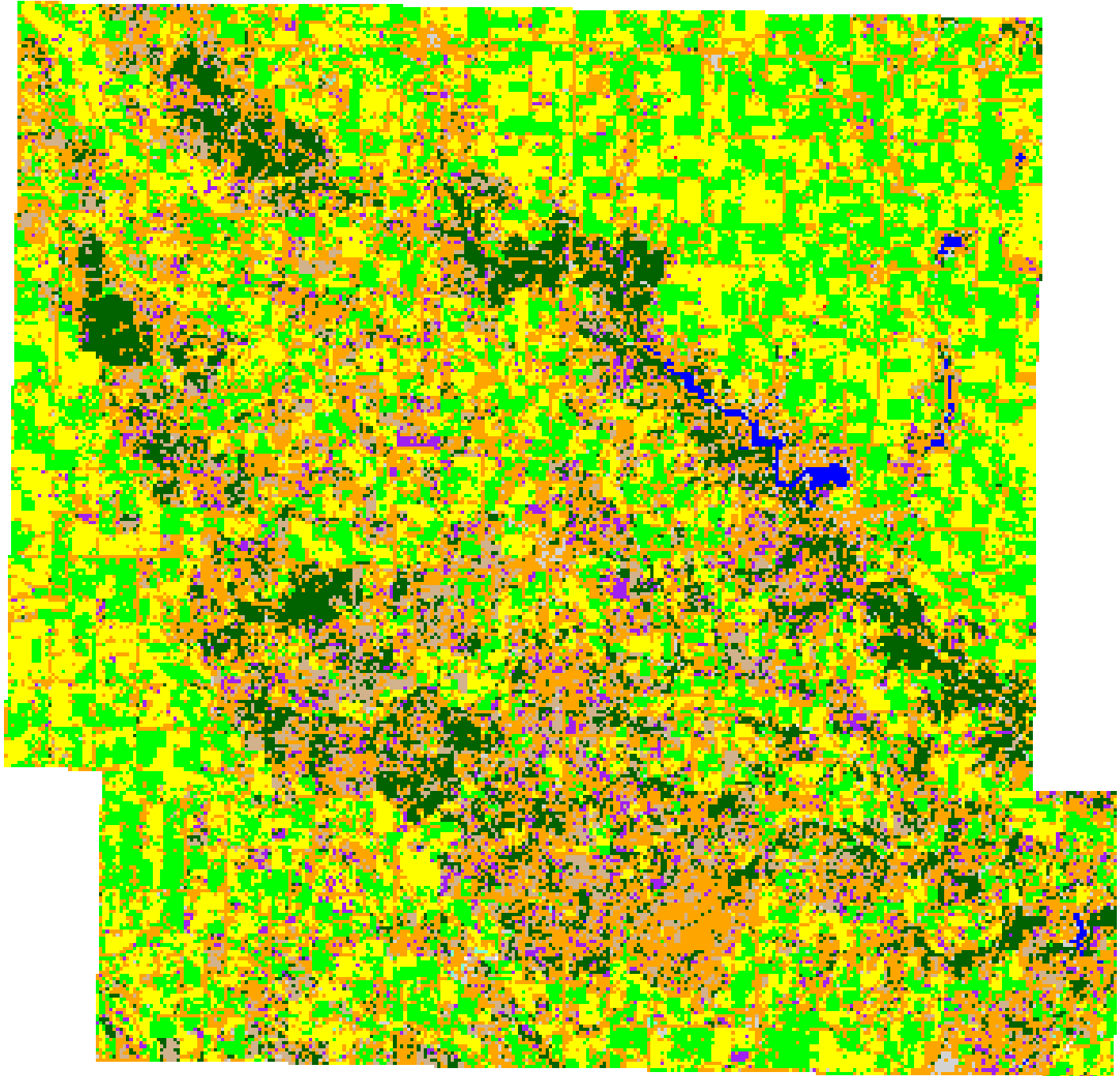
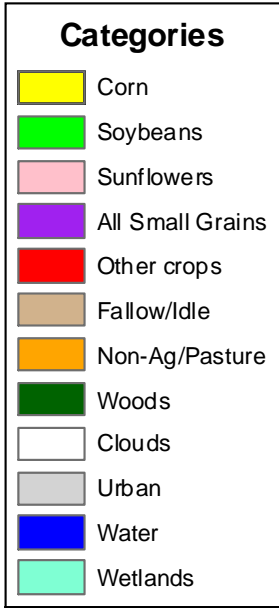


# 2005 Grundy County, Iowa Cropland Data Layer



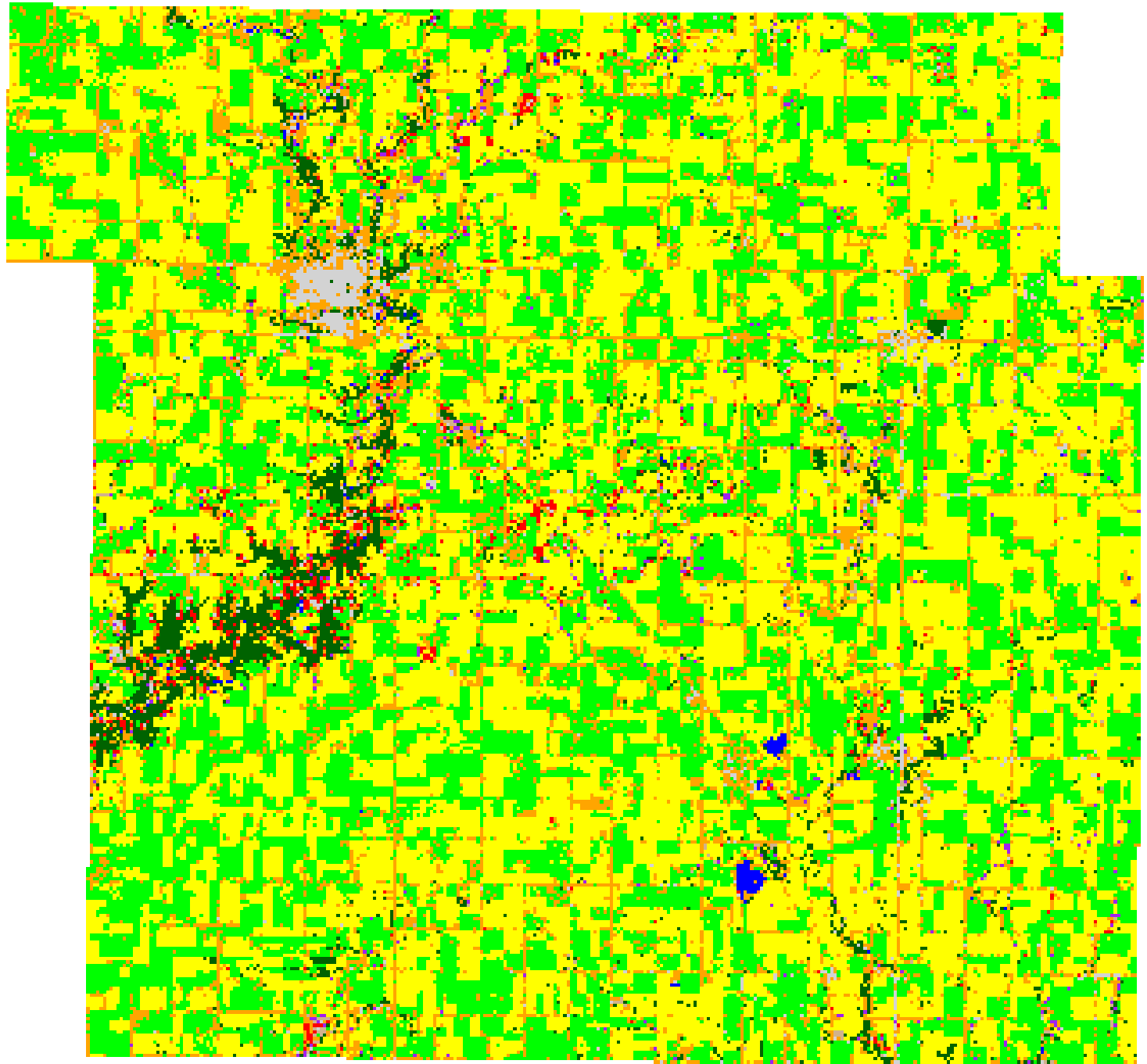
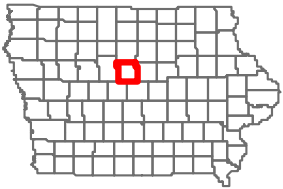
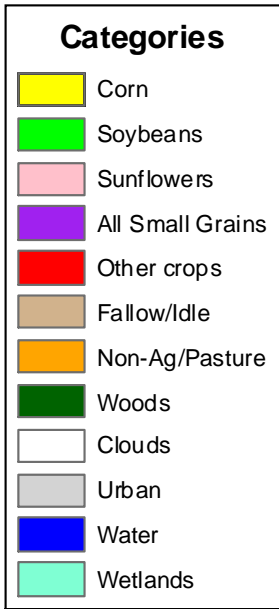


# 2005 Guthrie County, Iowa Cropland Data Layer



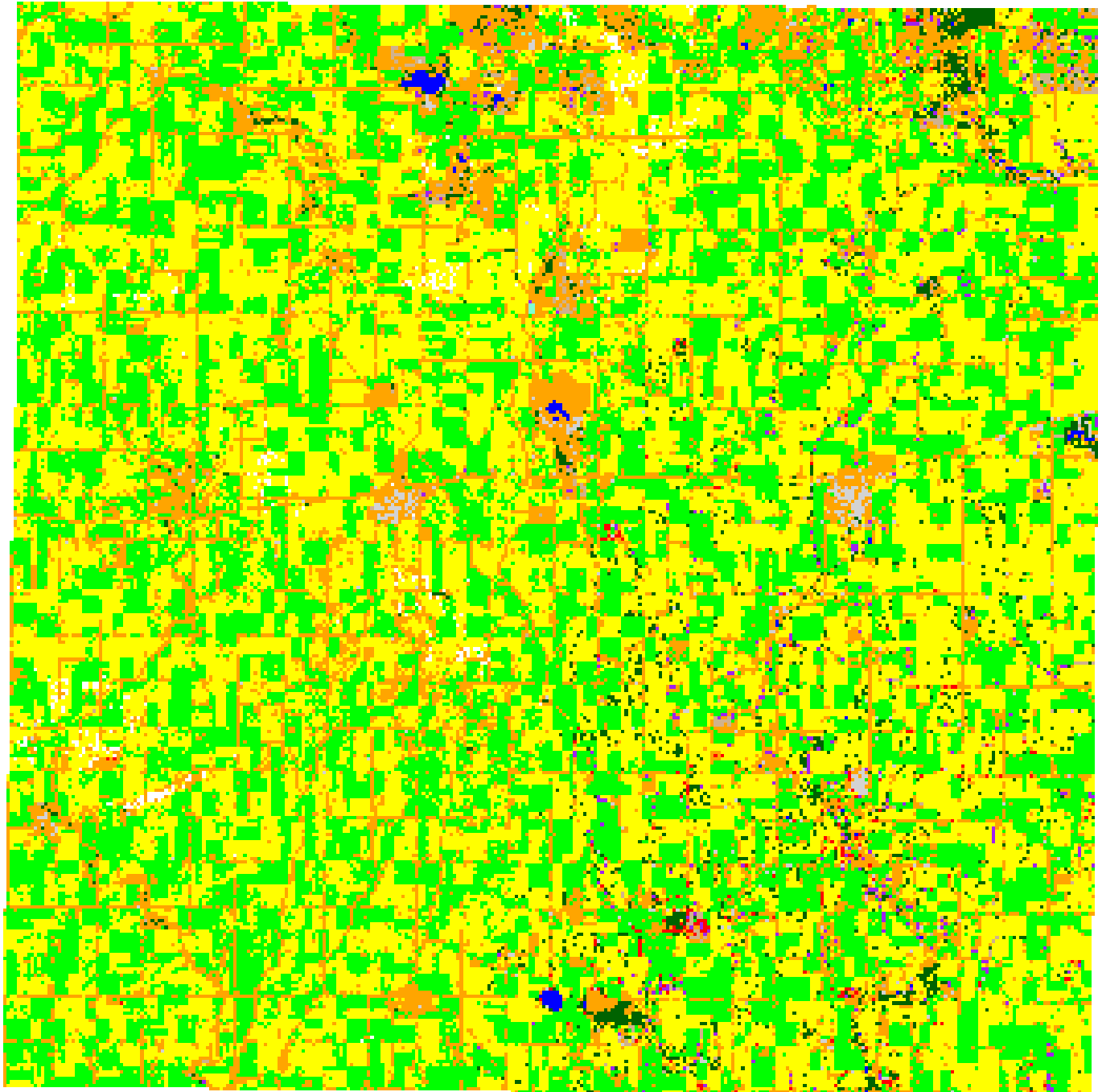
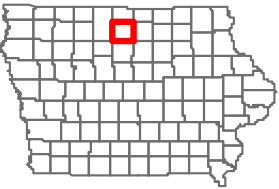
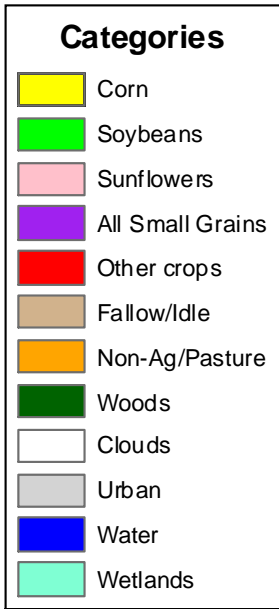
0 1 2 4 Miles

# 2005 Hamilton County, Iowa Cropland Data Layer



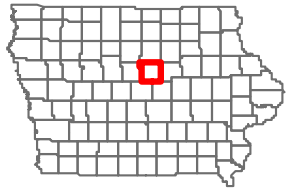
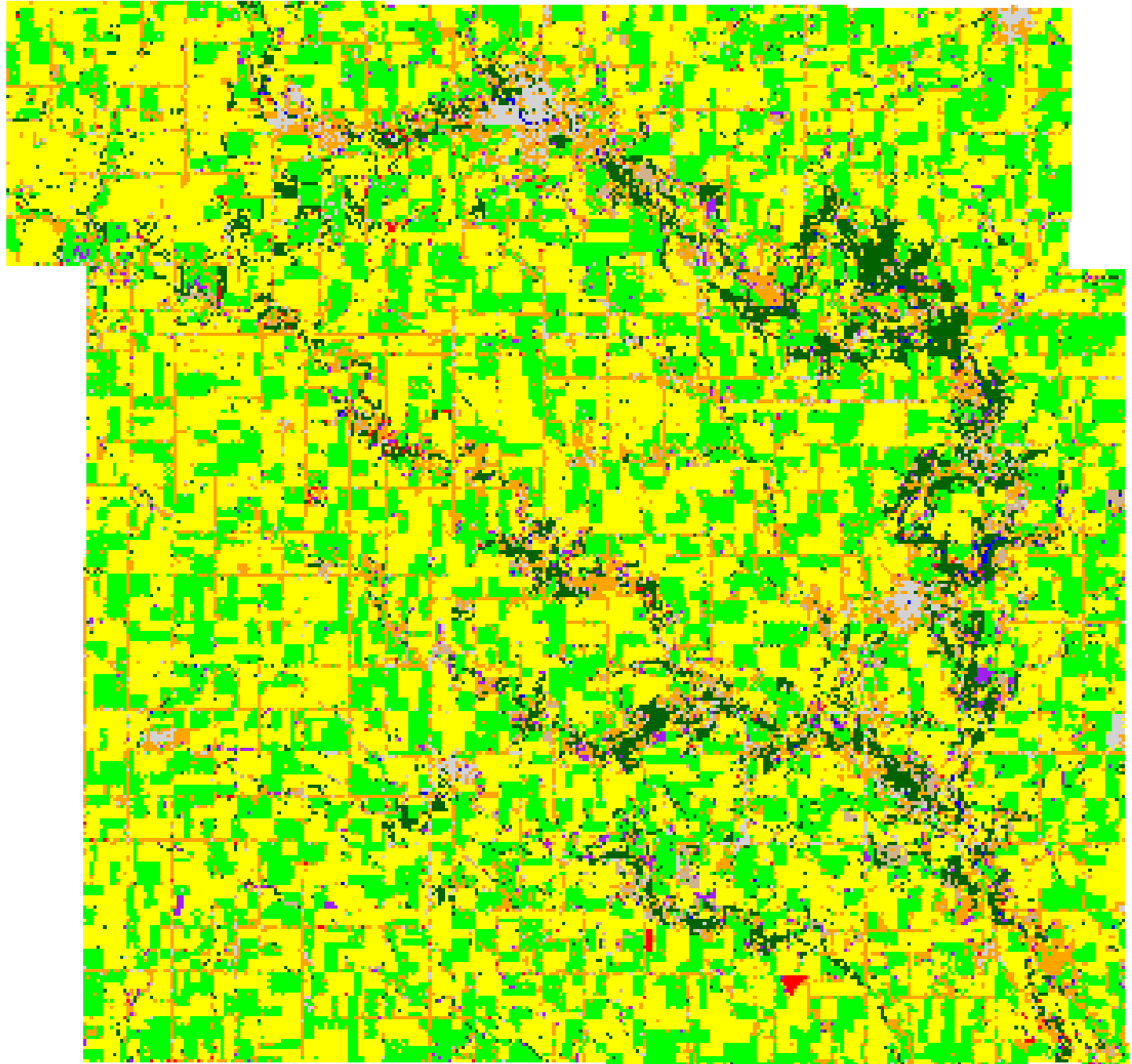
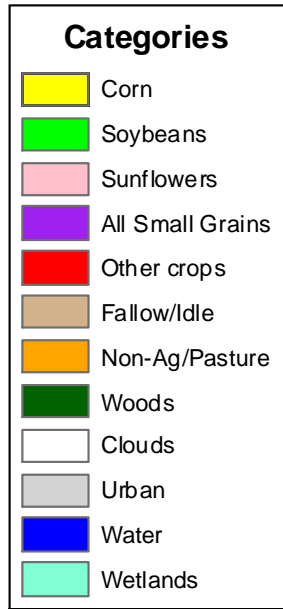
0 1 2 4 Miles

# 2005 Hancock County, Iowa Cropland Data Layer



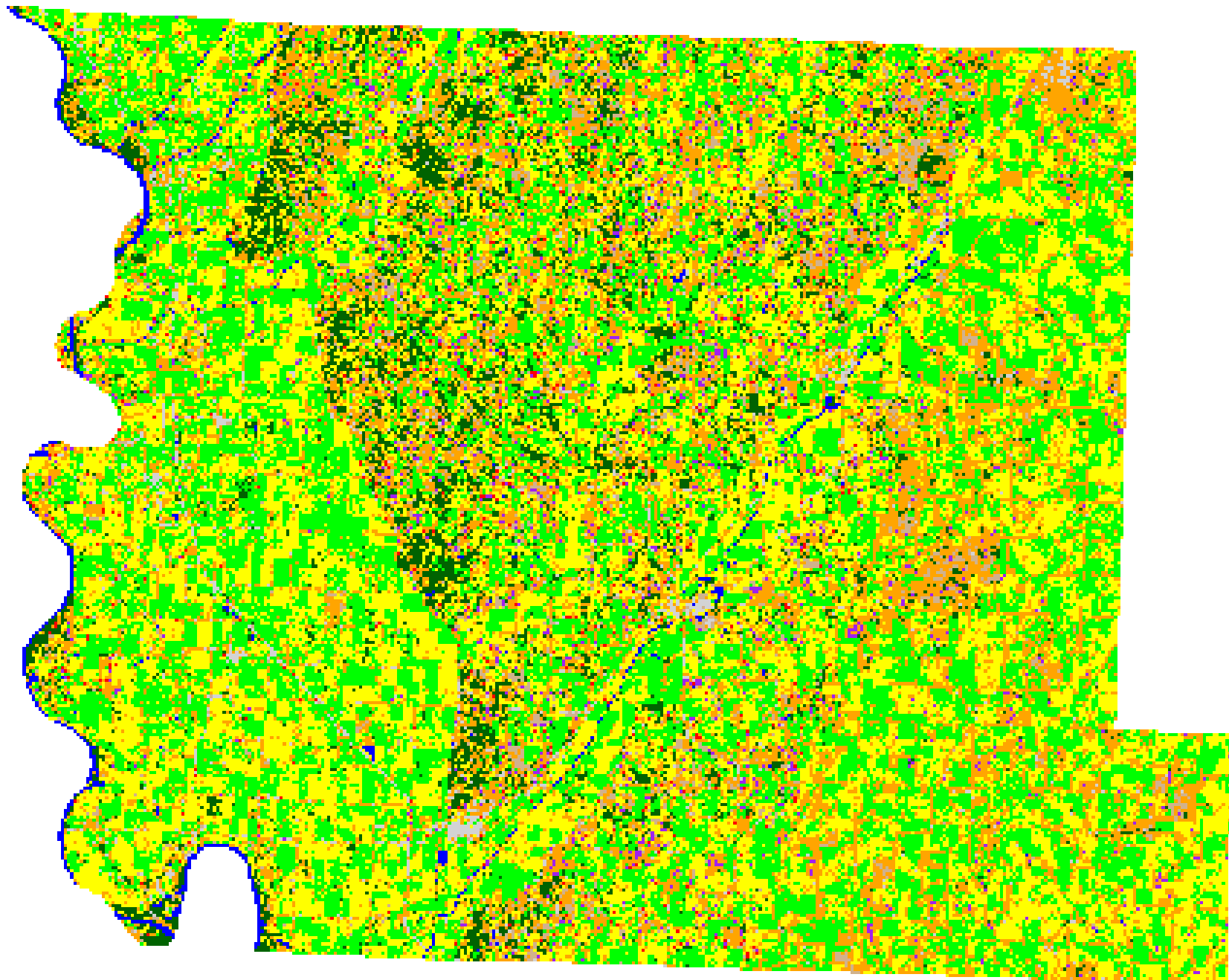
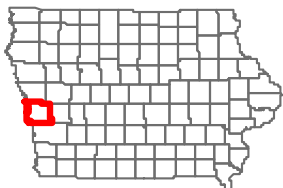
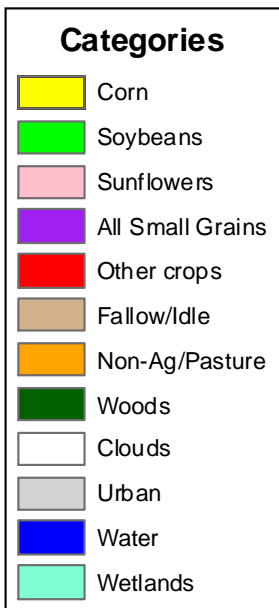
0 1 2 4 Miles

# 2005 Hardin County, Iowa Cropland Data Layer



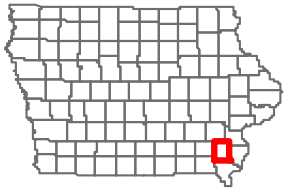
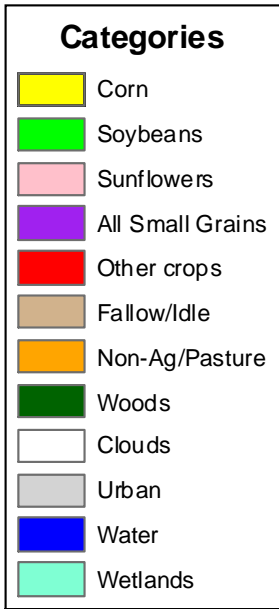
0 1 2 4 Miles

# 2005 Harrison County, Iowa Cropland Data Layer



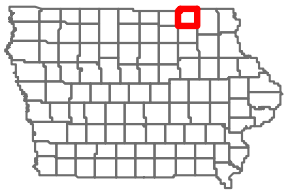
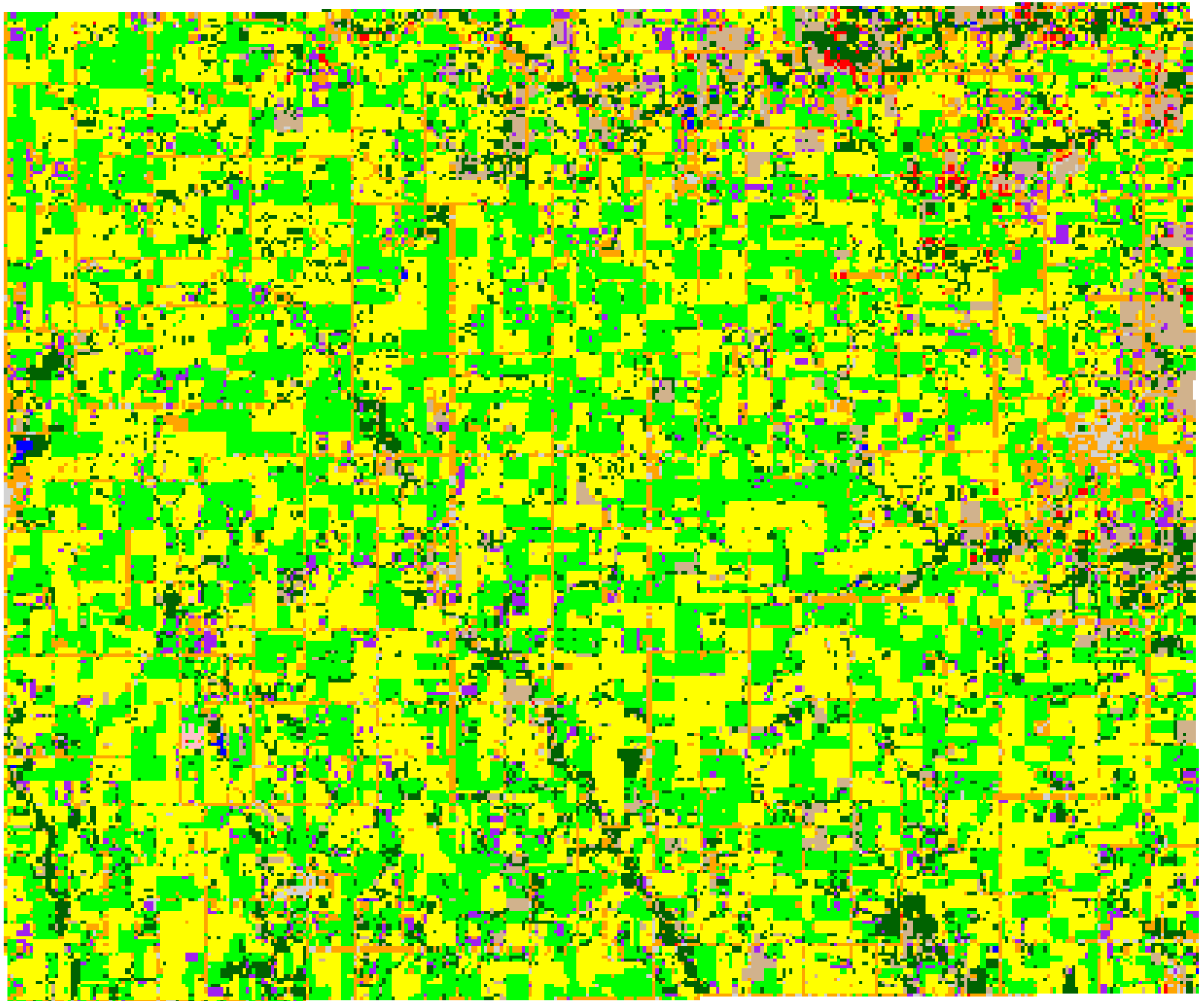
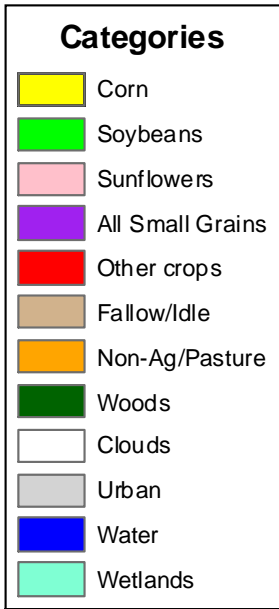
0 1 2 4 Miles

# 2005 Henry County, Iowa Cropland Data Layer



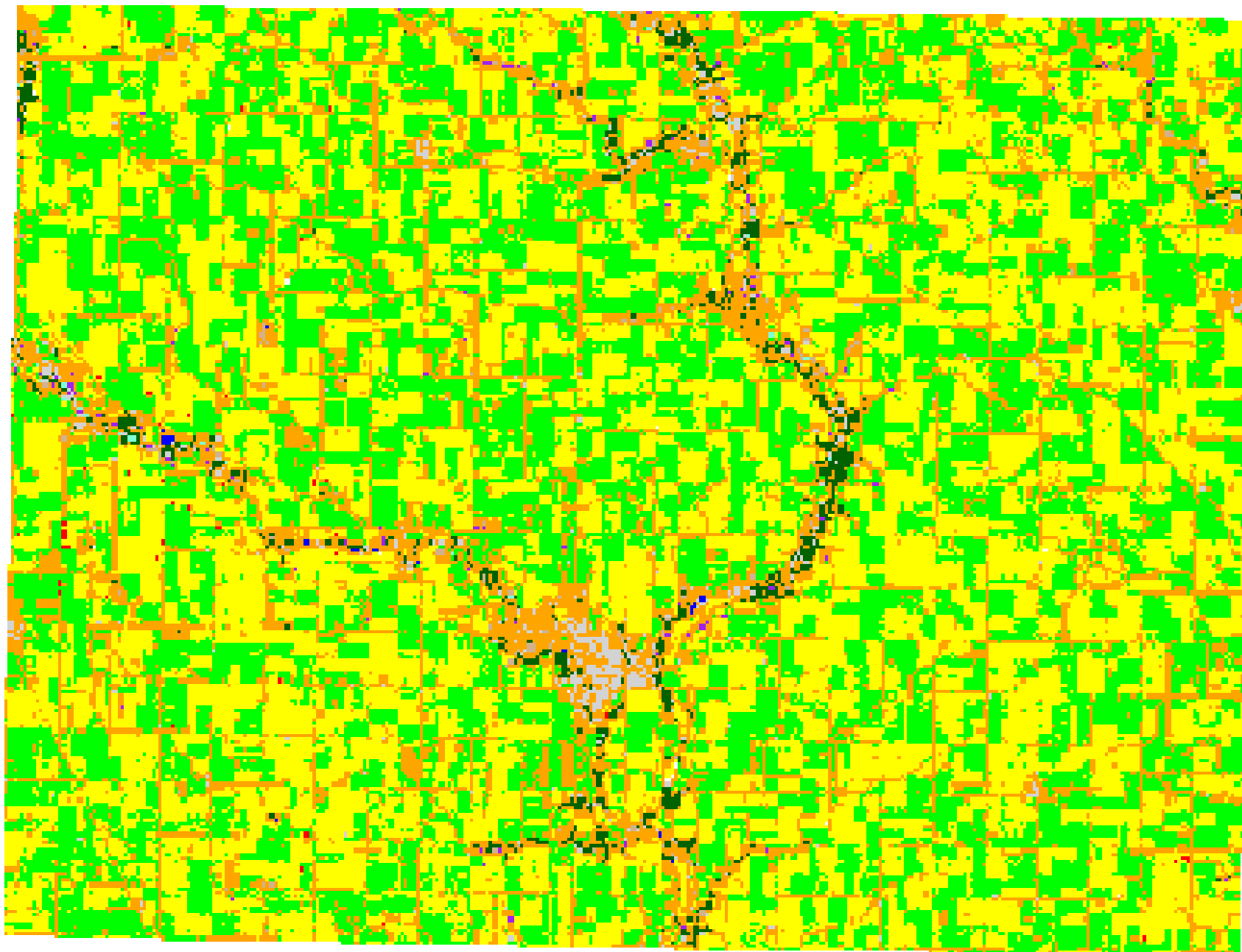
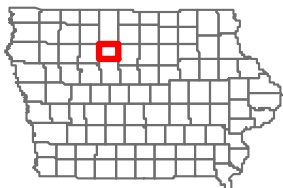
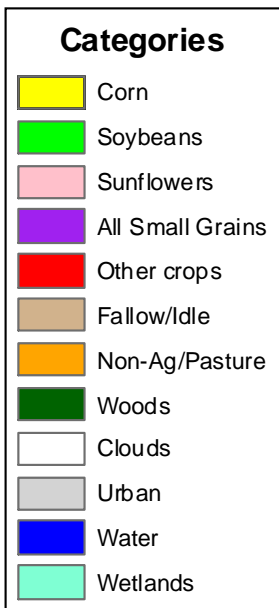
0 1 2 4 Miles

# 2005 Howard County, Iowa Cropland Data Layer



0 1 2 4 Miles

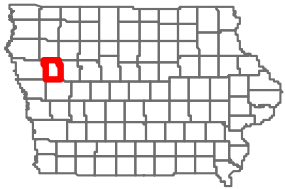
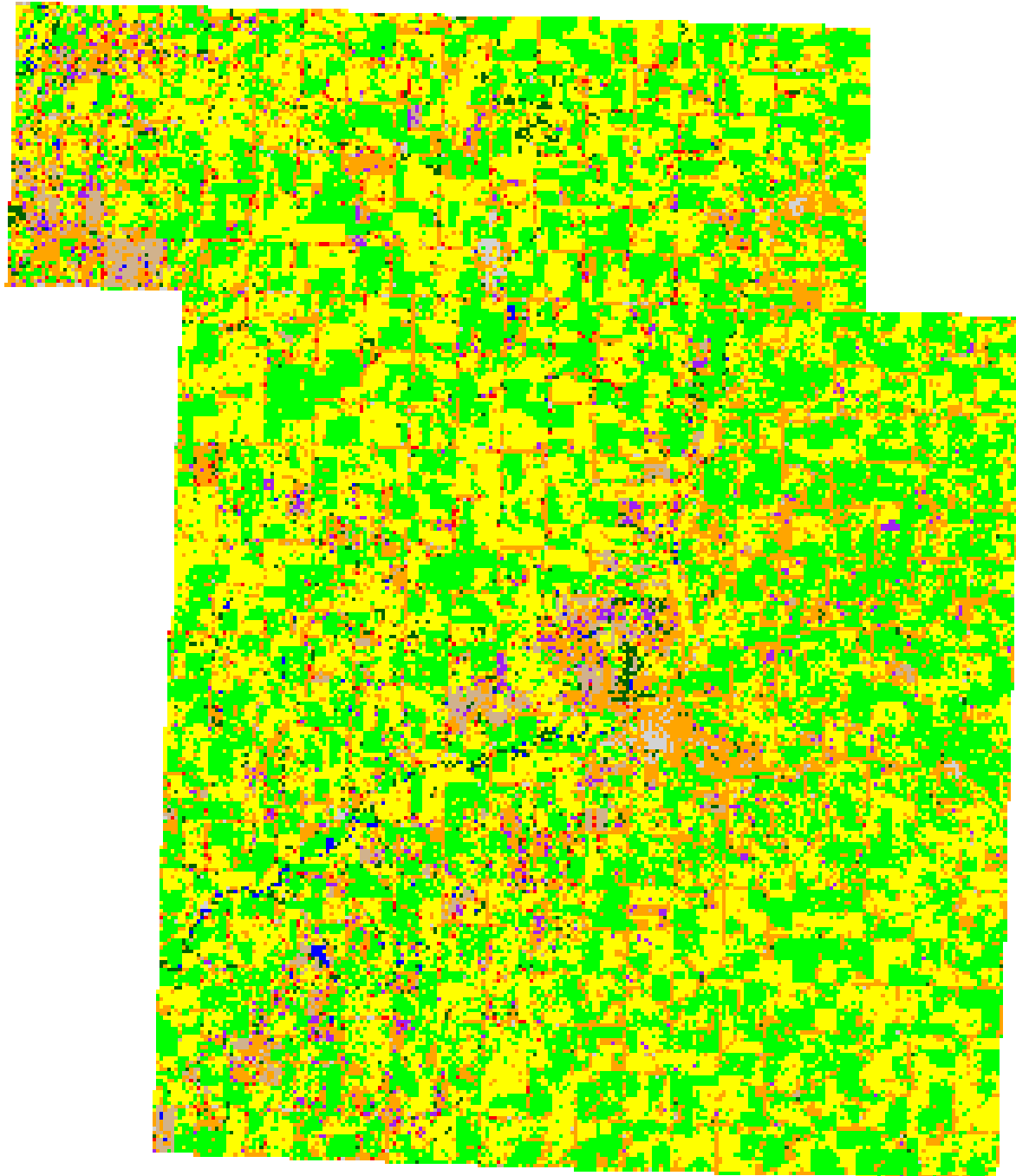
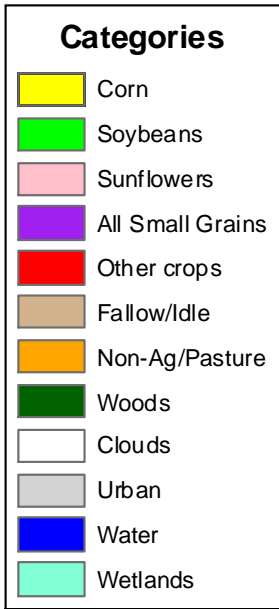
# 2005 Humboldt County, Iowa Cropland Data Layer



0 1 2 4 Miles

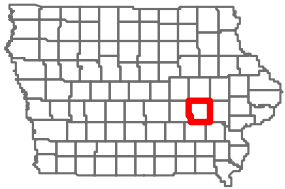
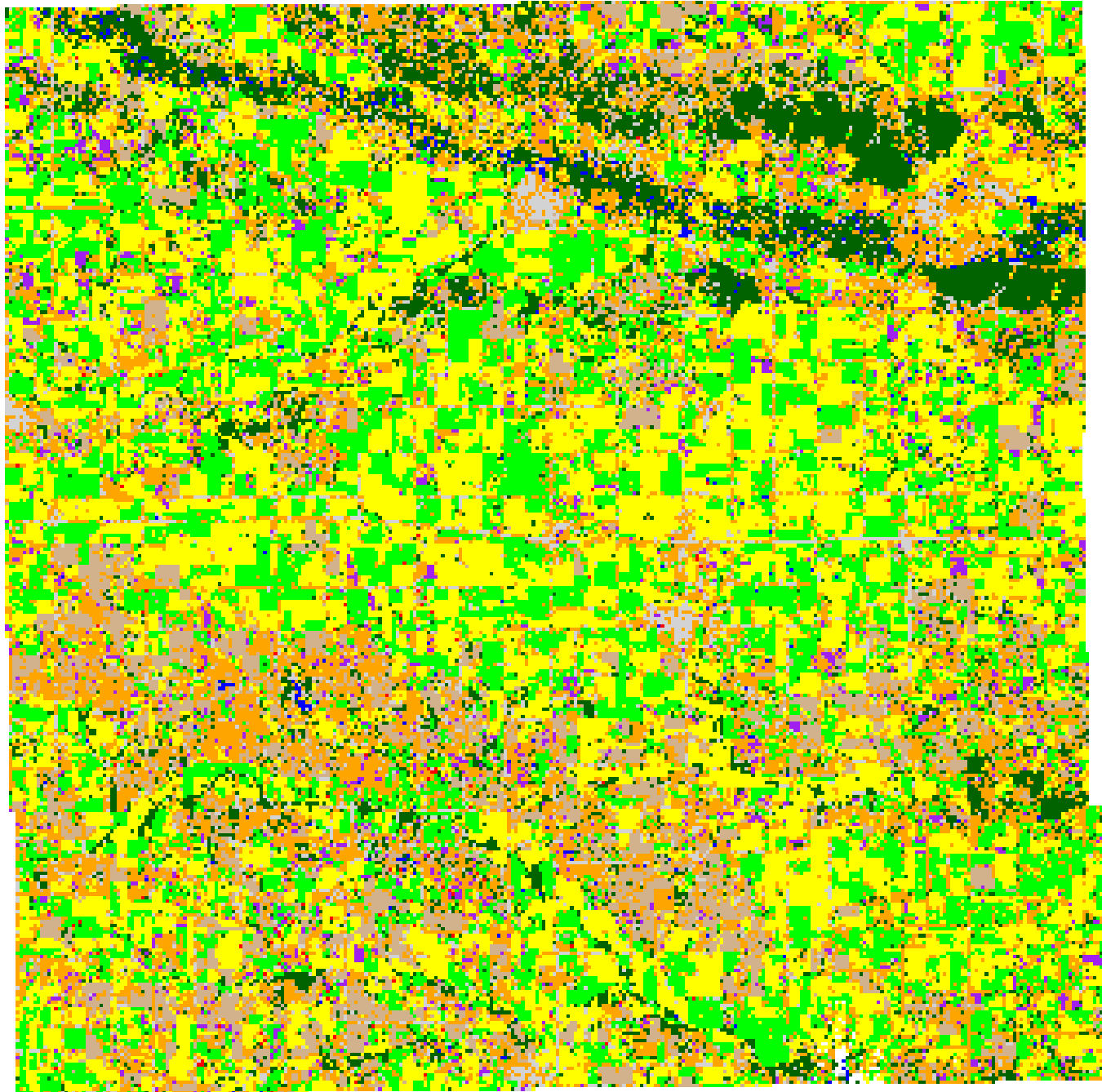
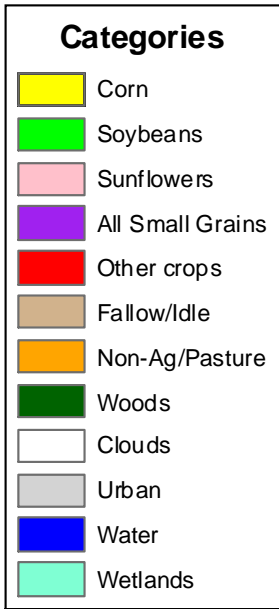


# 2005 Ida County, Iowa Cropland Data Layer



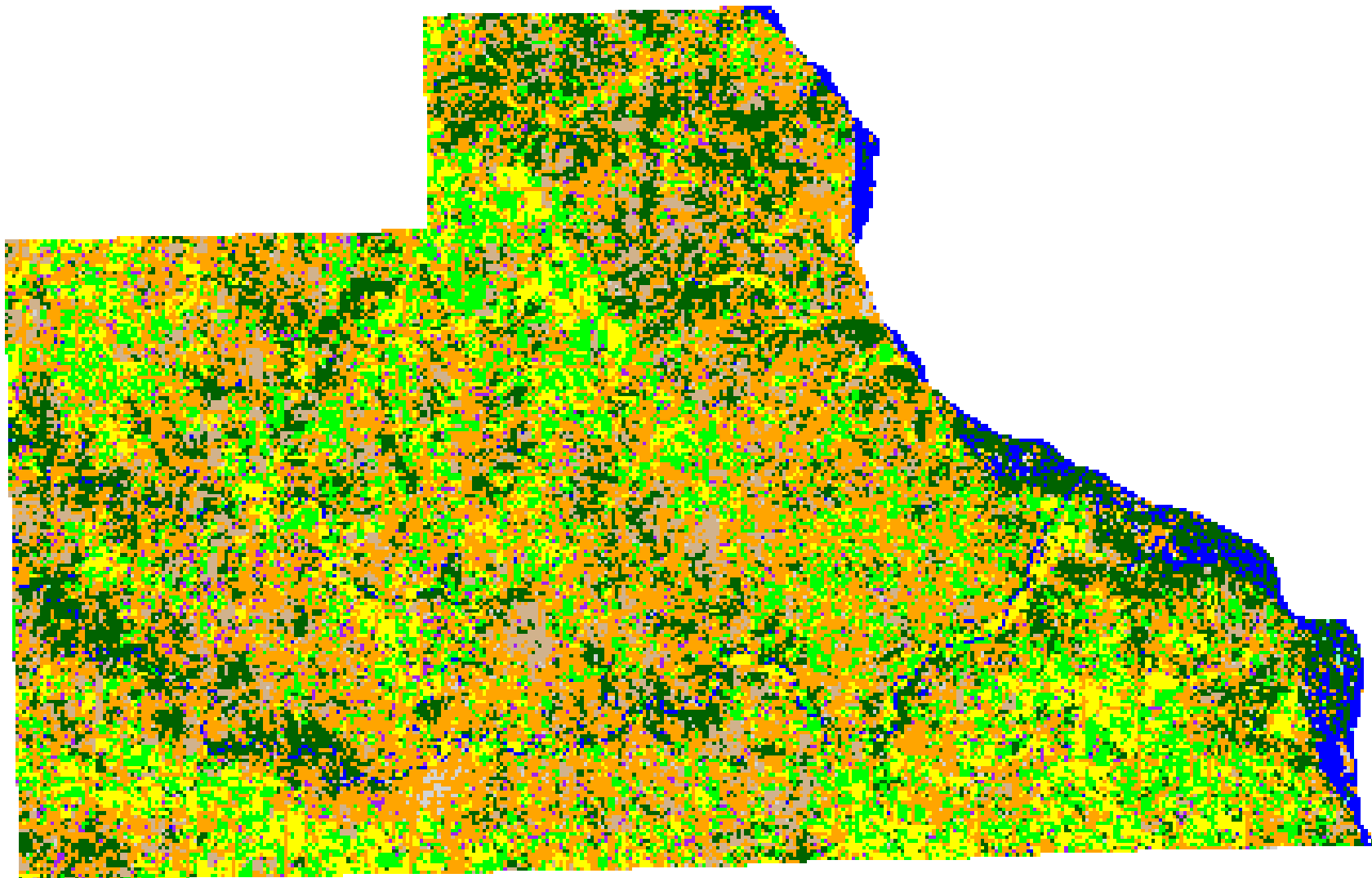
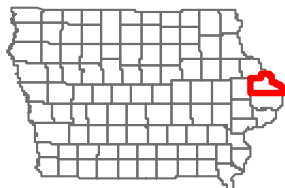
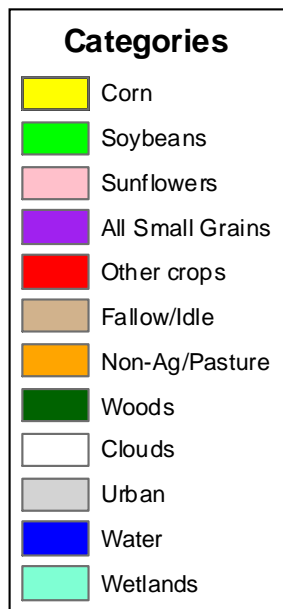
0 1 2 4 Miles

# 2005 Iowa County, Iowa Cropland Data Layer



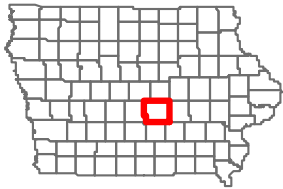
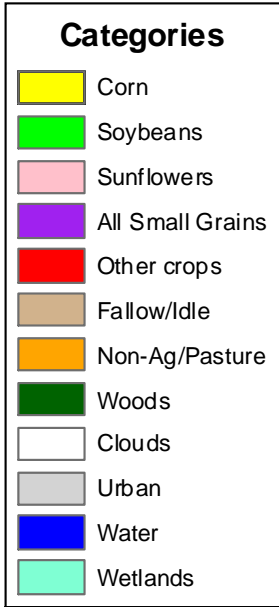
0 1 2 4 Miles

# 2005 Jackson County, Iowa Cropland Data Layer



0 1 2 4 Miles

# 2005 Jasper County, Iowa Cropland Data Layer

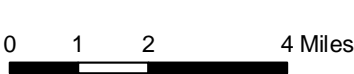
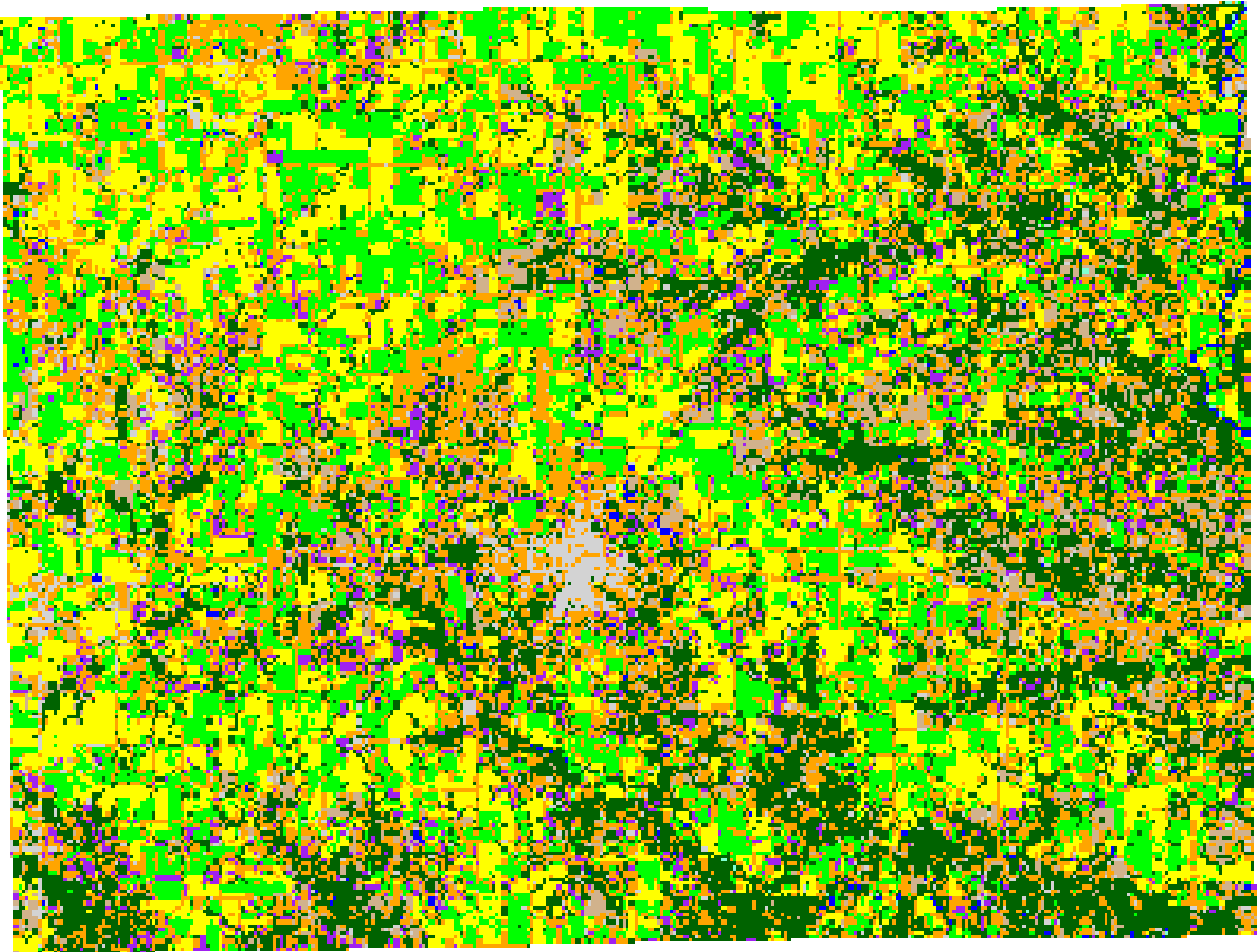
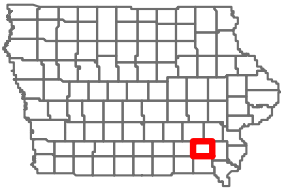


0 1 2 4 Miles

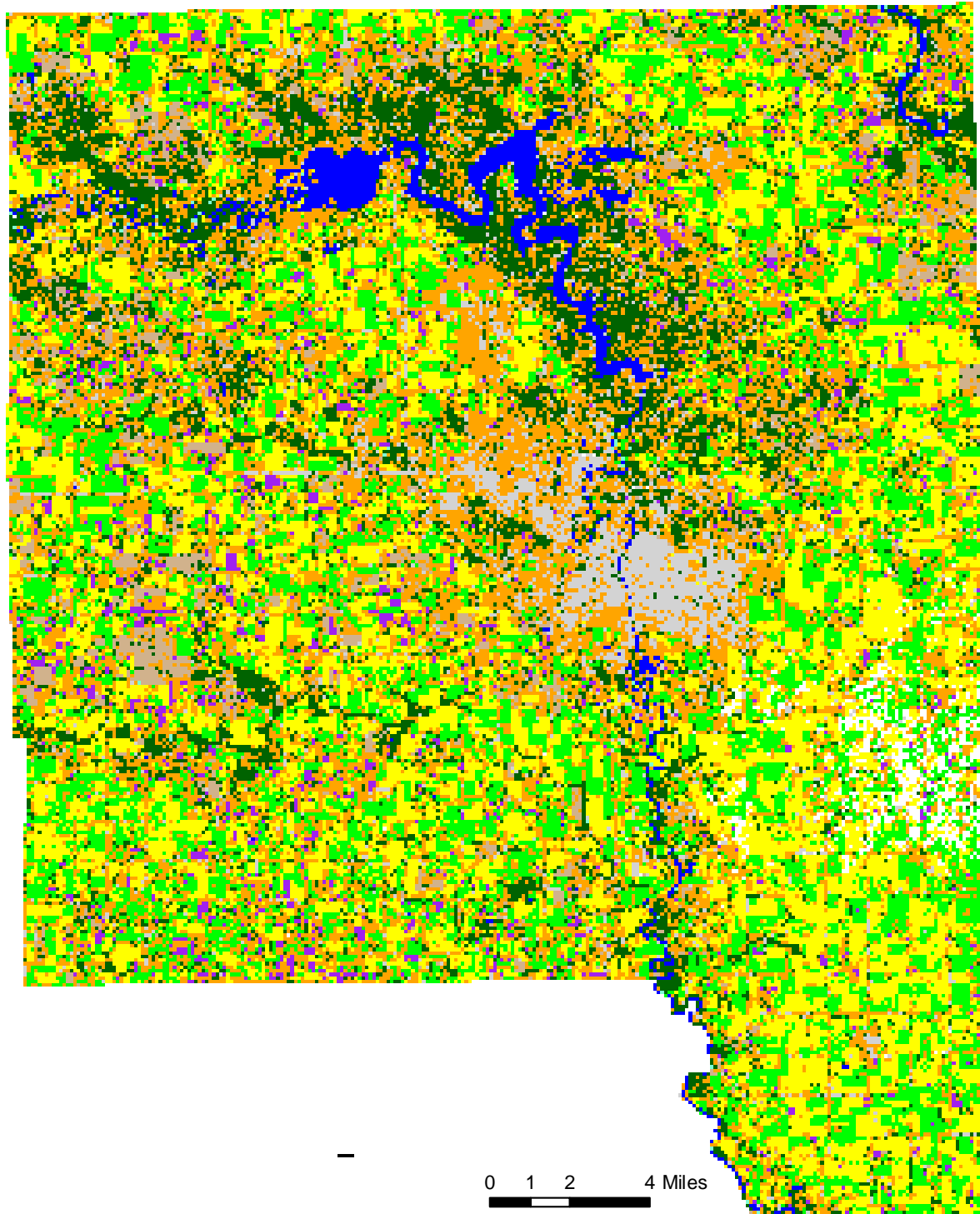
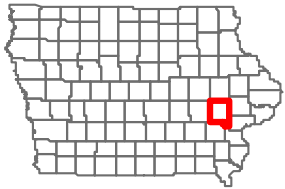
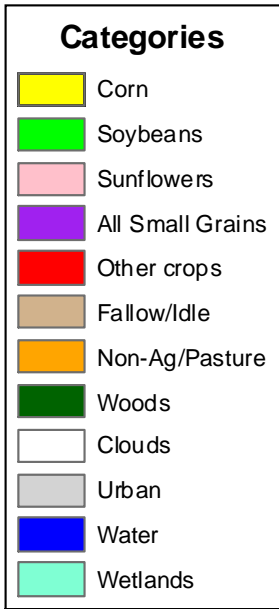
# 2005 Jefferson County, Iowa Cropland Data Layer

**Categories**

- Corn
- Soybeans
- Sunflowers
- All Small Grains
- Other crops
- Fallow/Idle
- Non-Ag/Pasture
- Woods
- Clouds
- Urban
- Water
- Wetlands

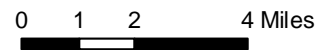
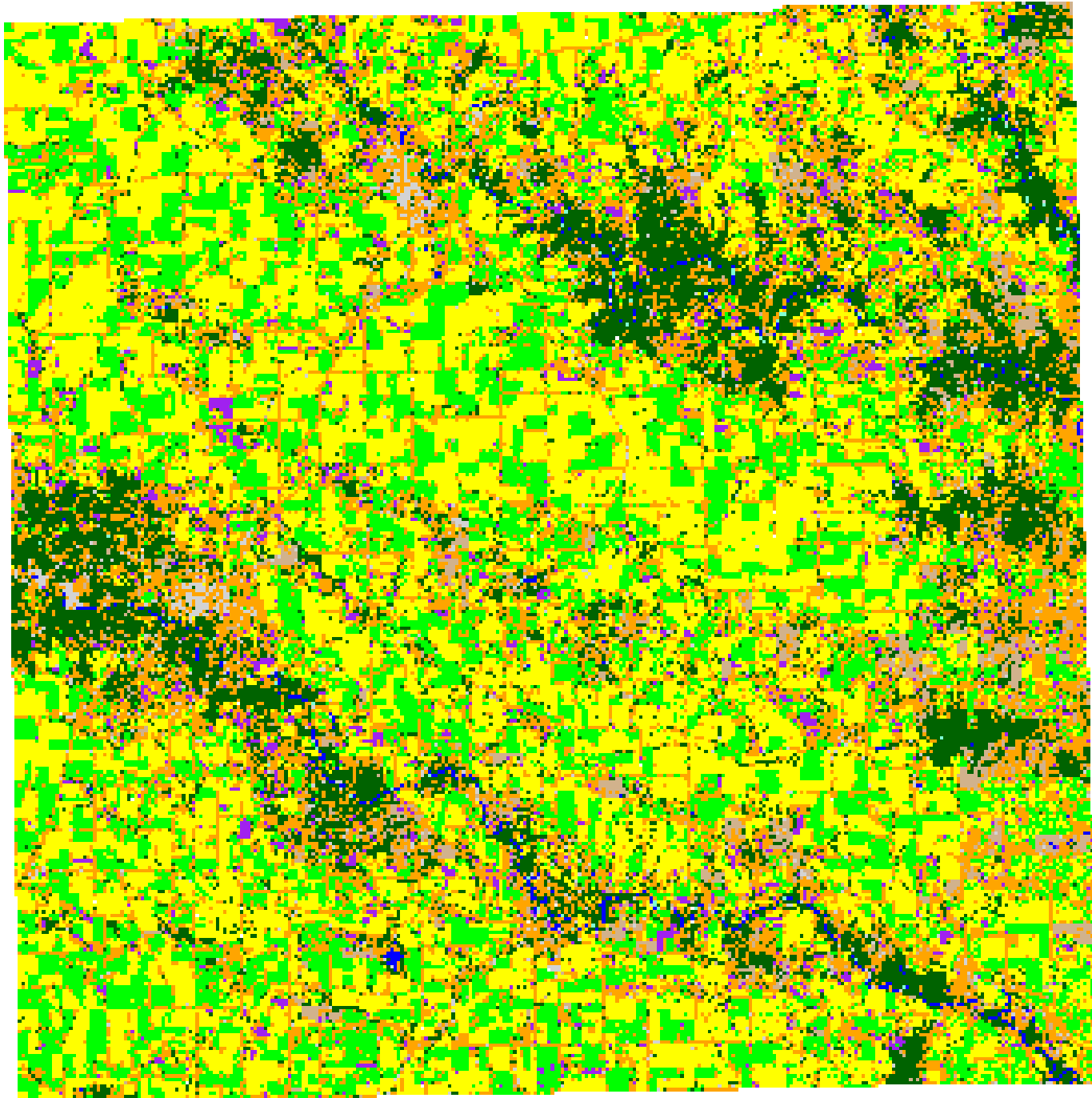
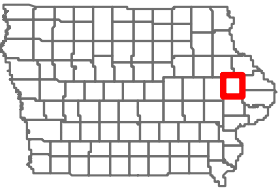
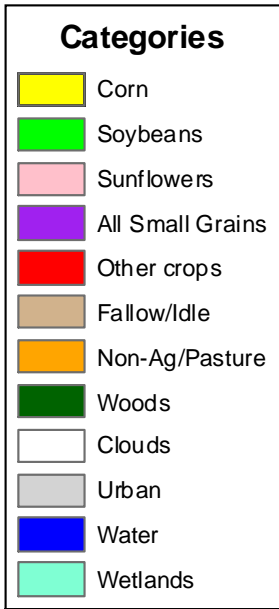


# 2005 Johnson County, Iowa Cropland Data Layer

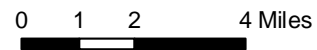
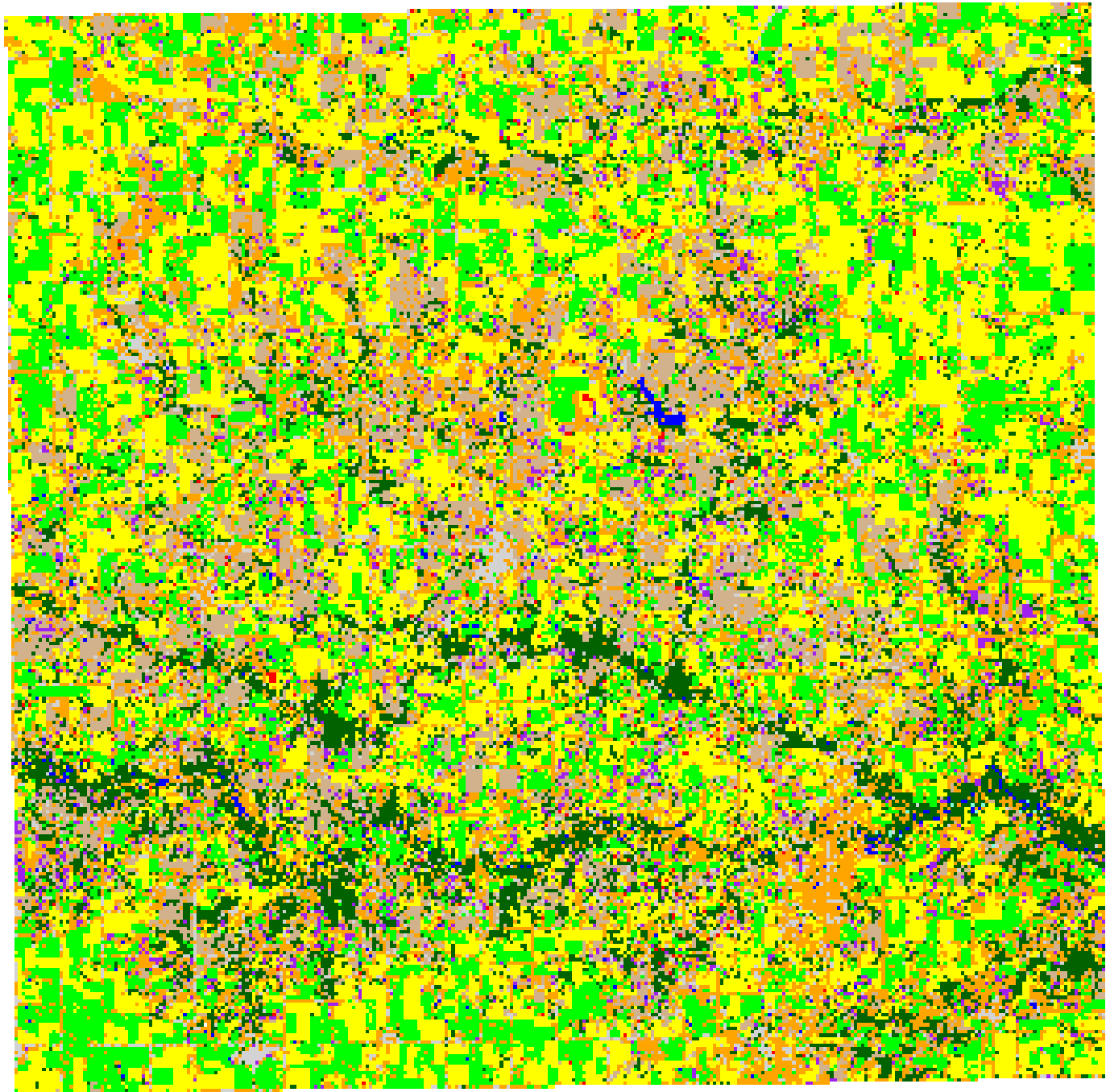
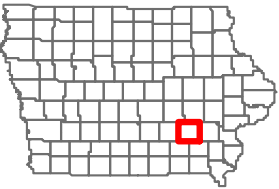
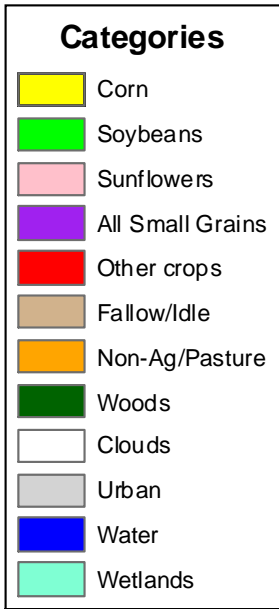


0 1 2 4 Miles

# 2005 Jones County, Iowa Cropland Data Layer

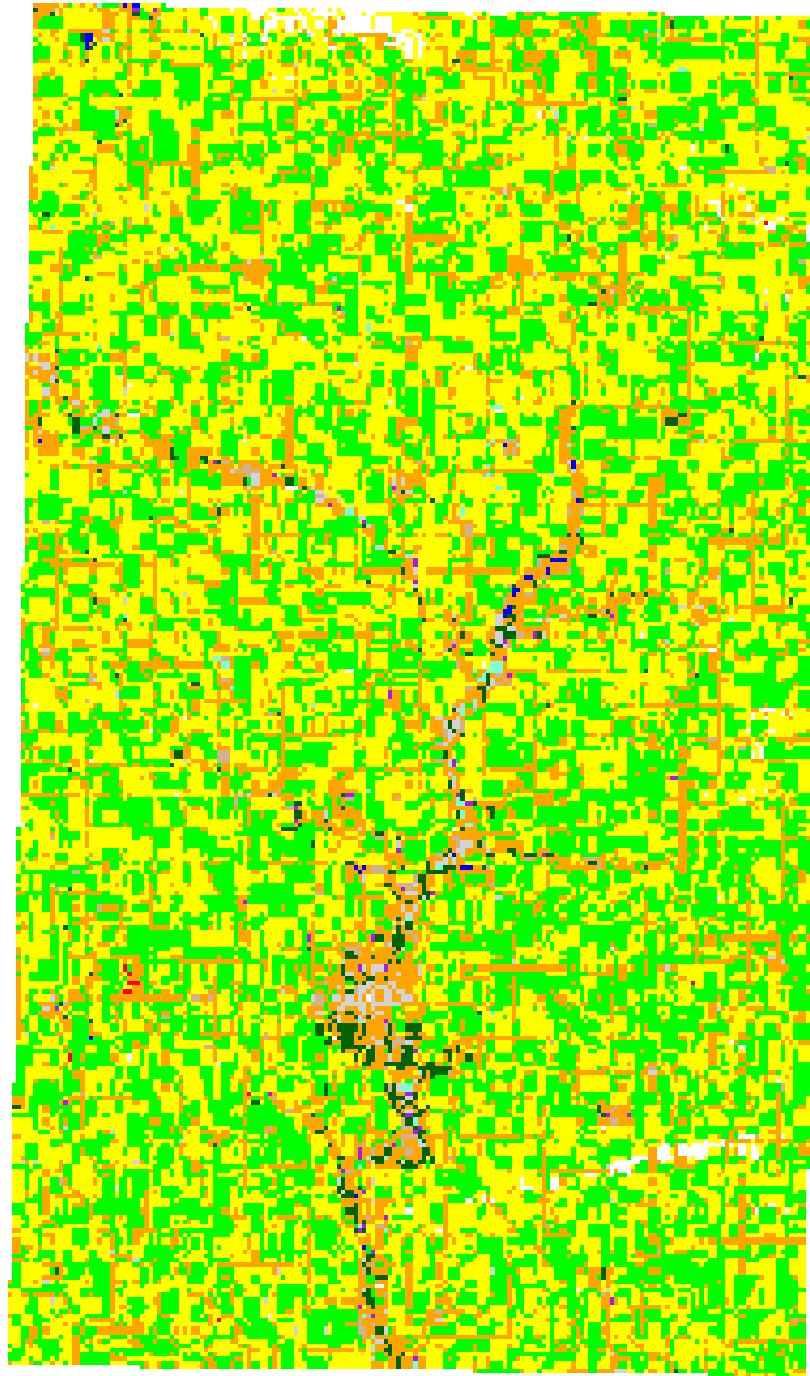
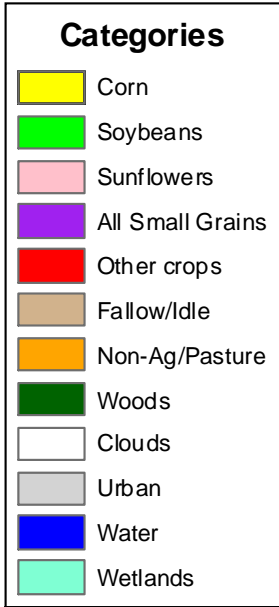


# 2005 Keokuk County, Iowa Cropland Data Layer



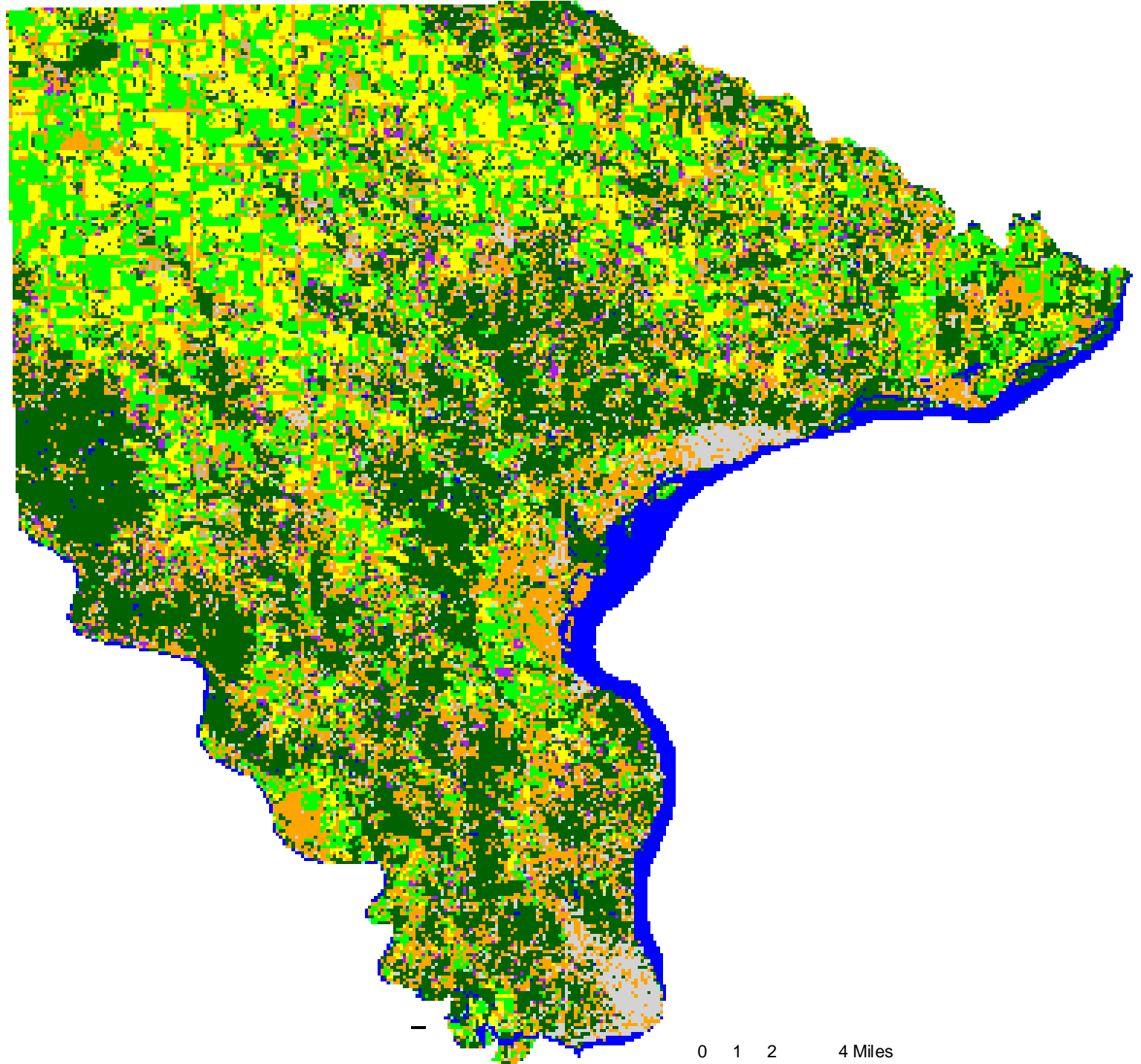
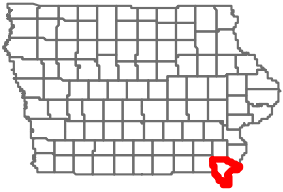
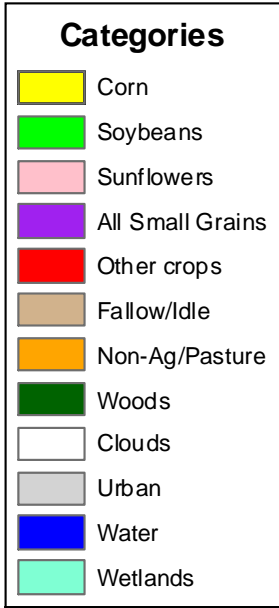


# 2005 Kossuth County, Iowa Cropland Data Layer



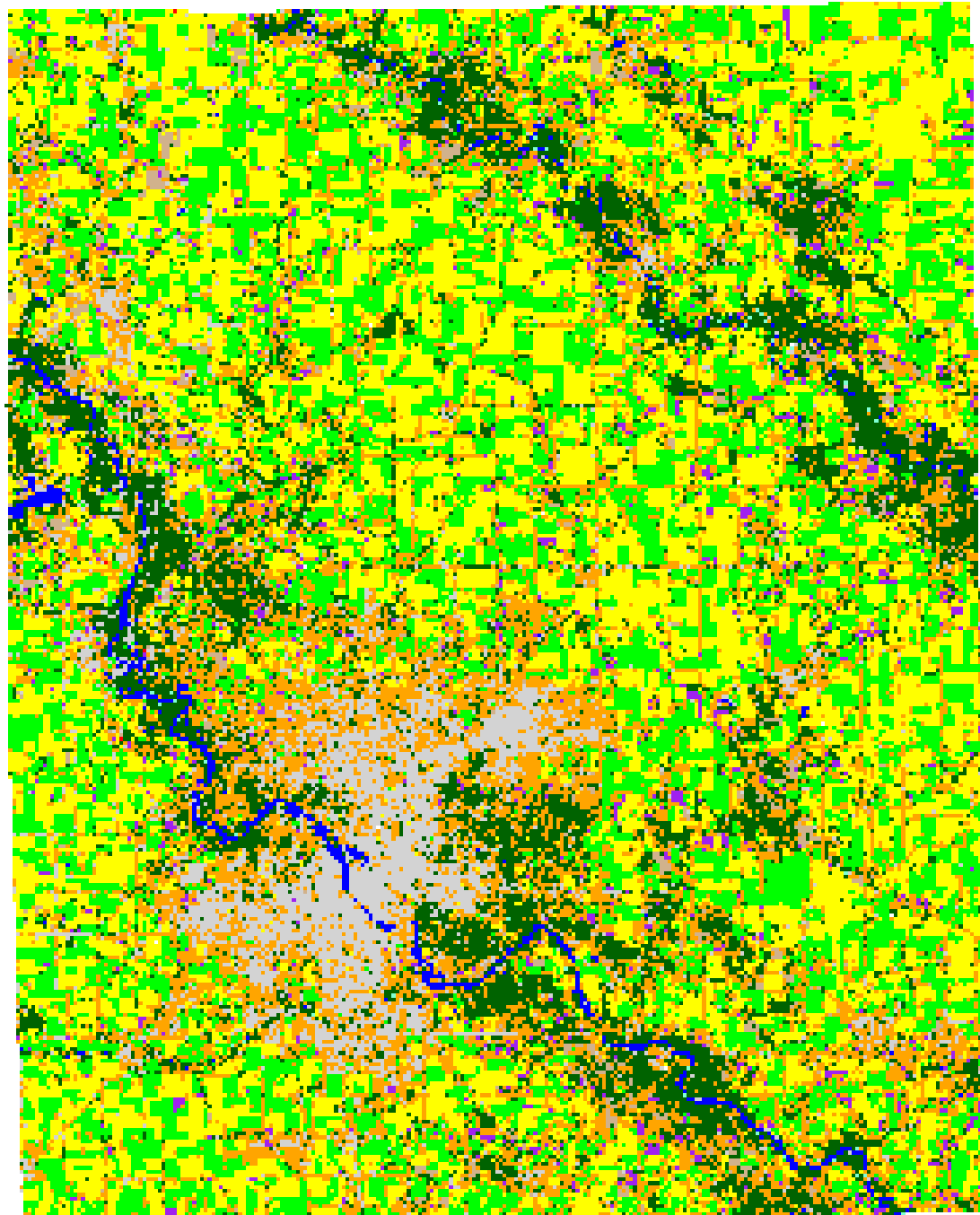
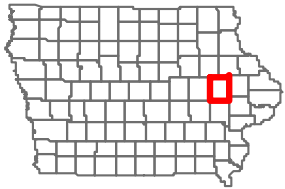
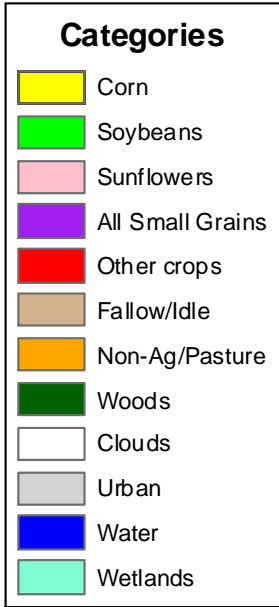
0 1 2 4 Miles

# 2005 Lee County, Iowa Cropland Data Layer



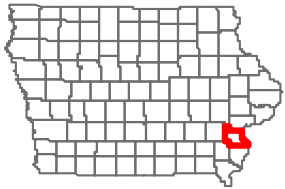
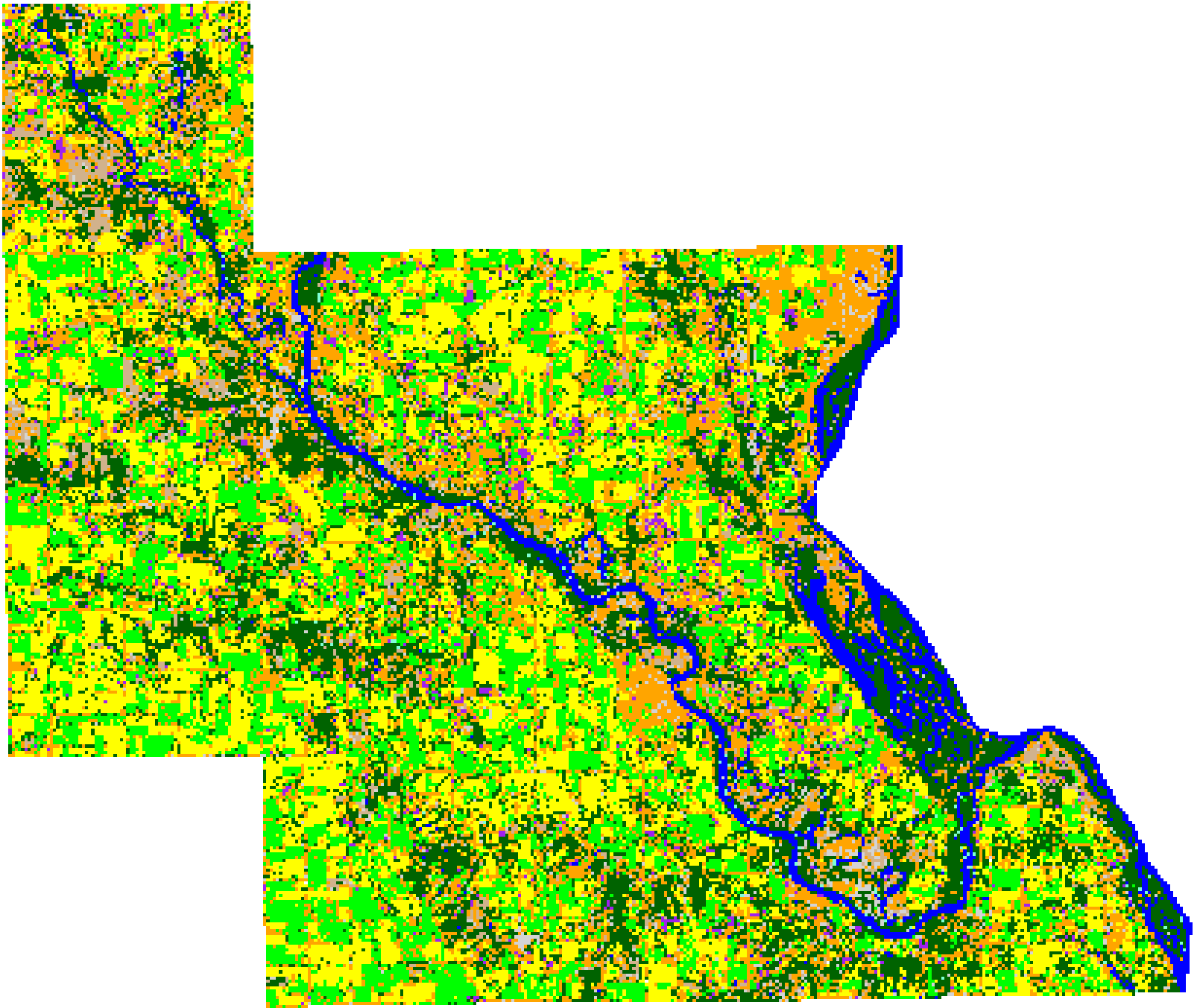
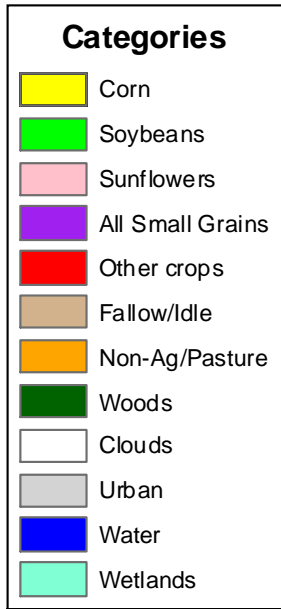
0 1 2 4 Miles

# 2005 Linn County, Iowa Cropland Data Layer



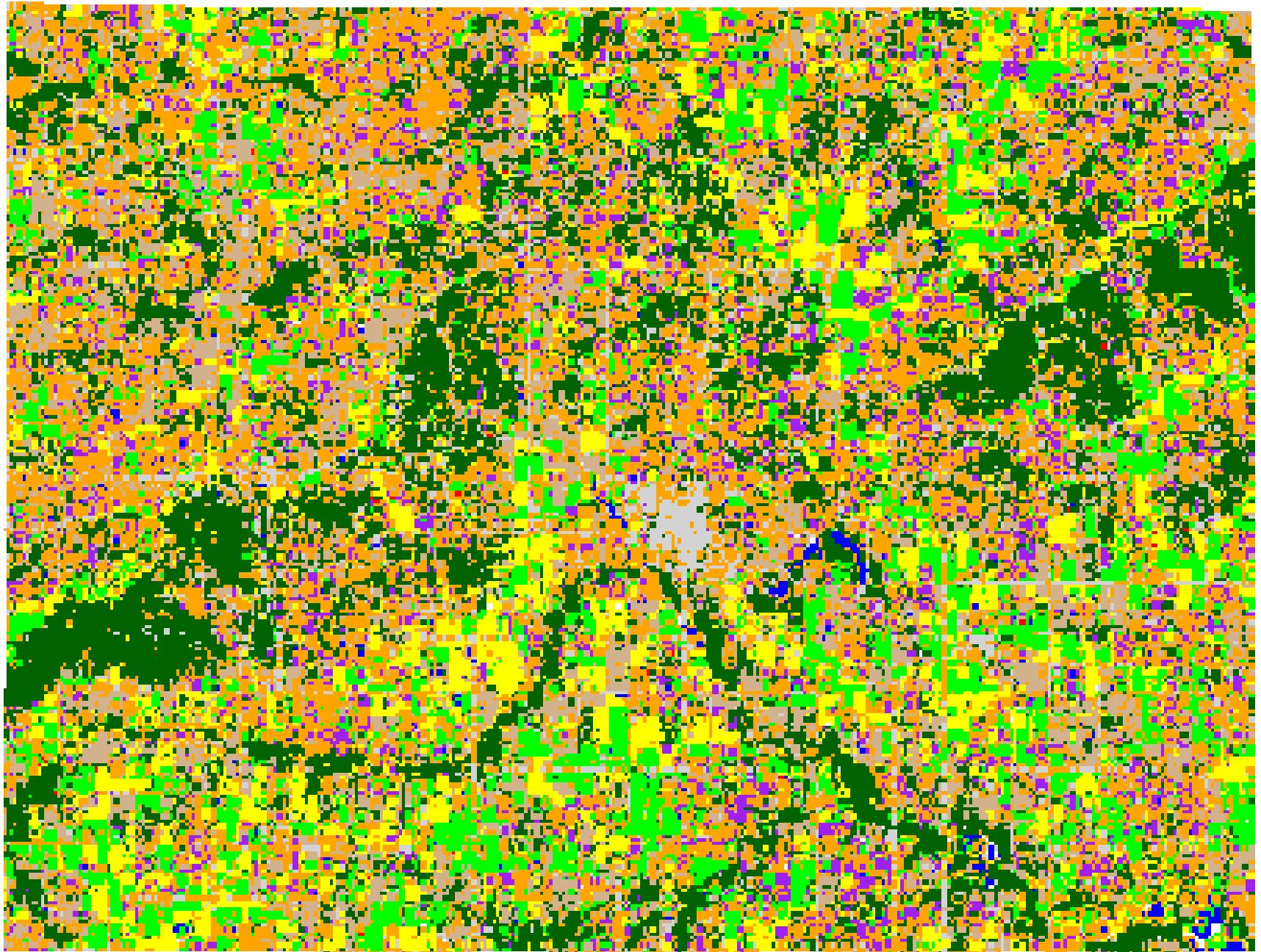
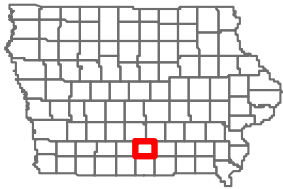
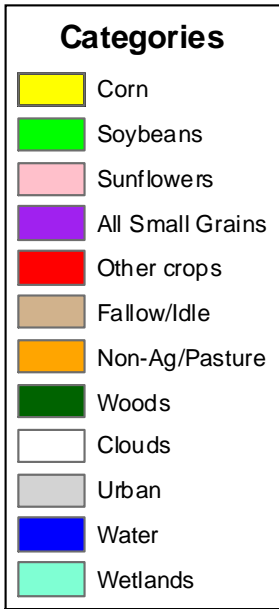
0 1 2 4 Miles

# 2005 Louisa County, Iowa Cropland Data Layer



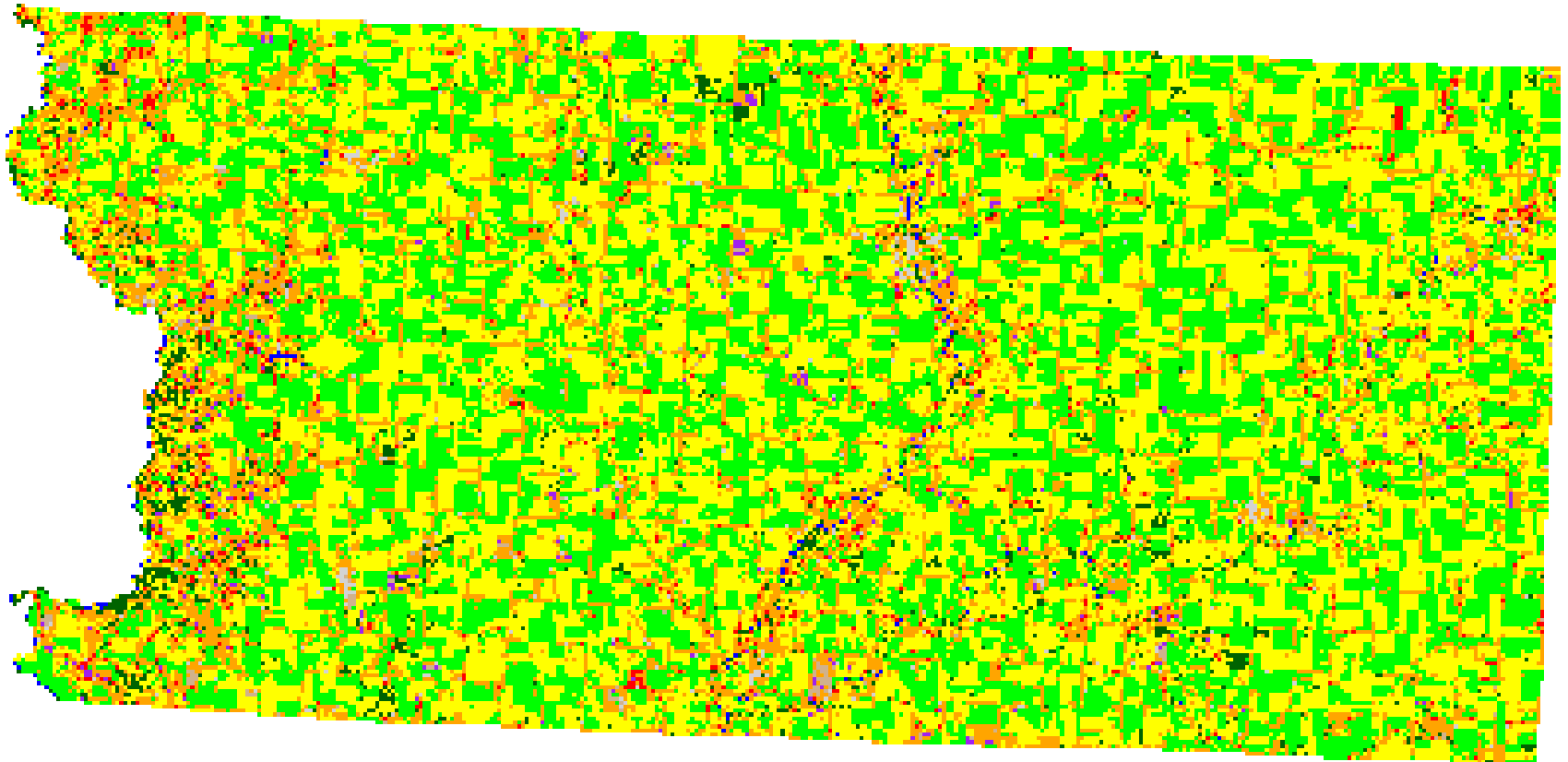
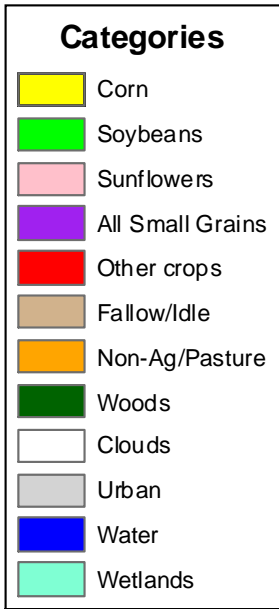
0 1 2 4 Miles

# 2005 Lucas County, Iowa Cropland Data Layer



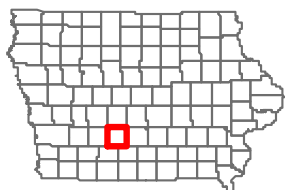
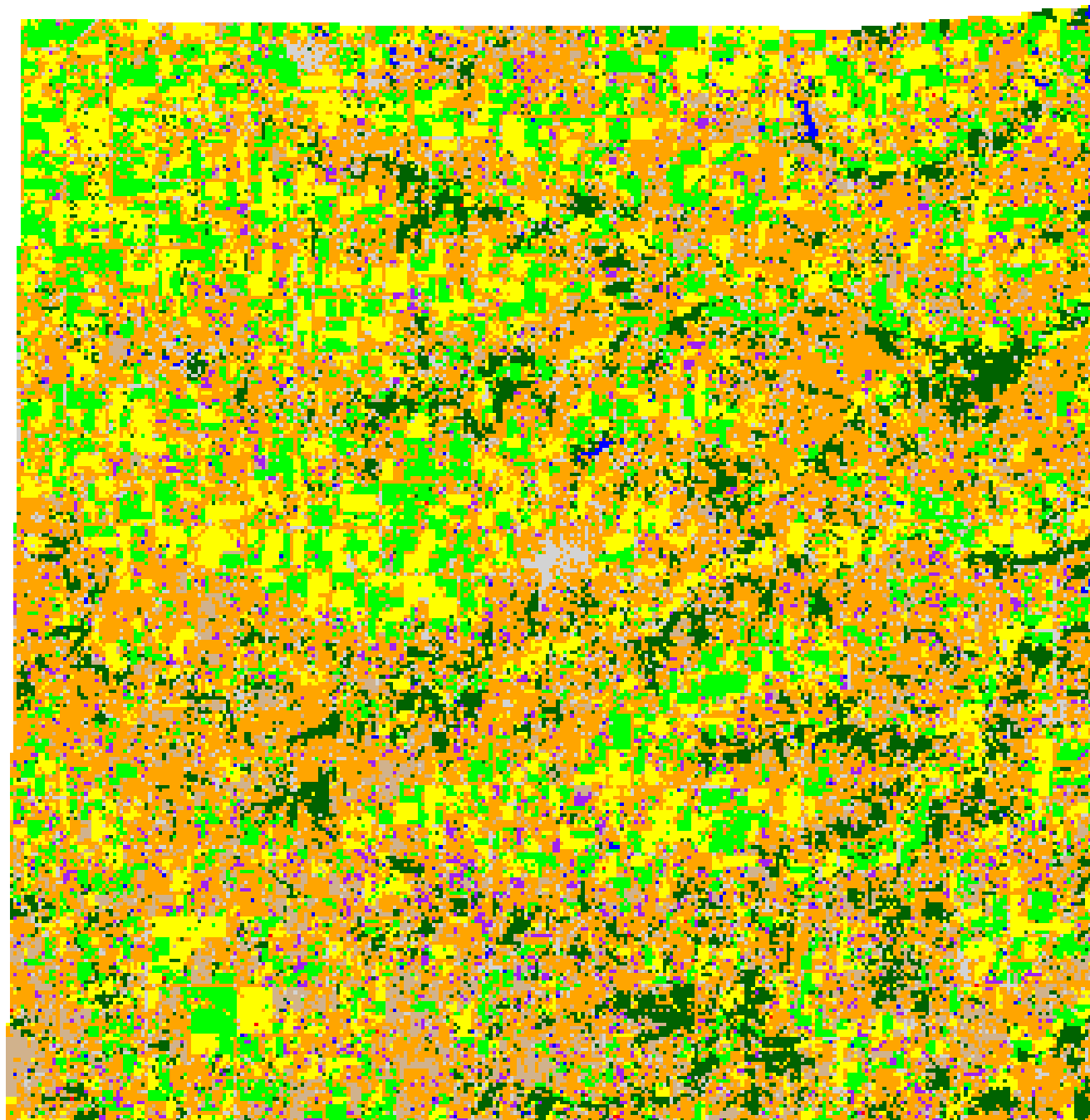
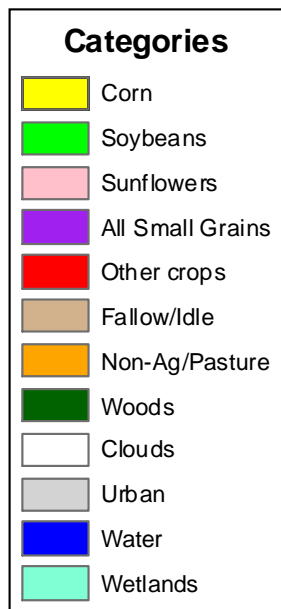
0 1 2 4 Miles

# 2005 Lyon County, Iowa Cropland Data Layer



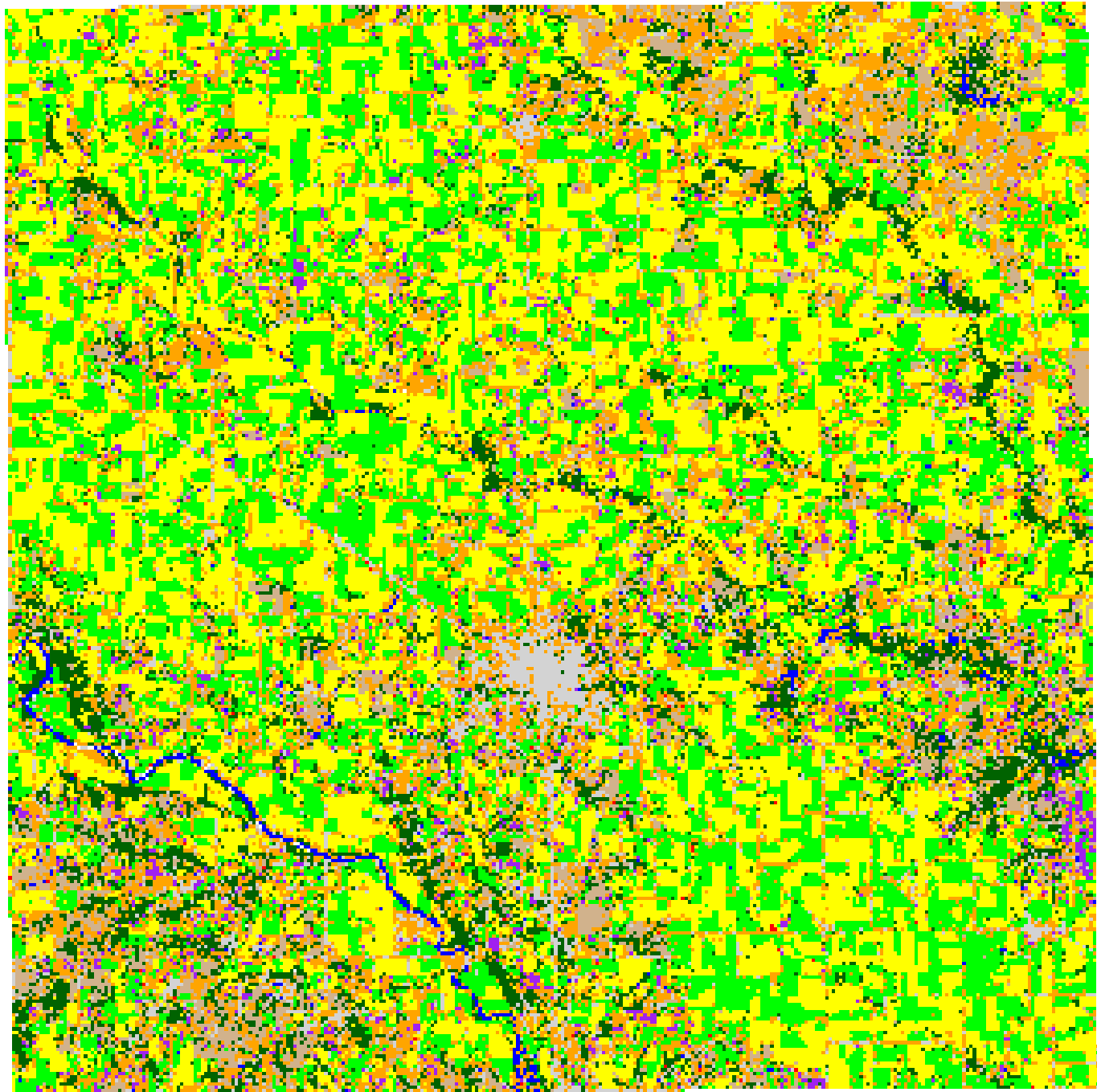
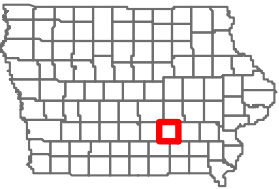
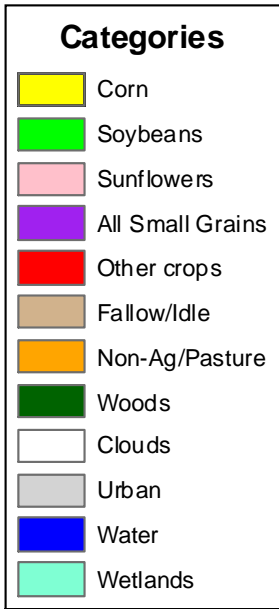
0 1 2 4 Miles

# 2005 Madison County, Iowa Cropland Data Layer



0 1 2 4 Miles

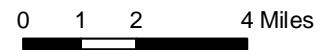
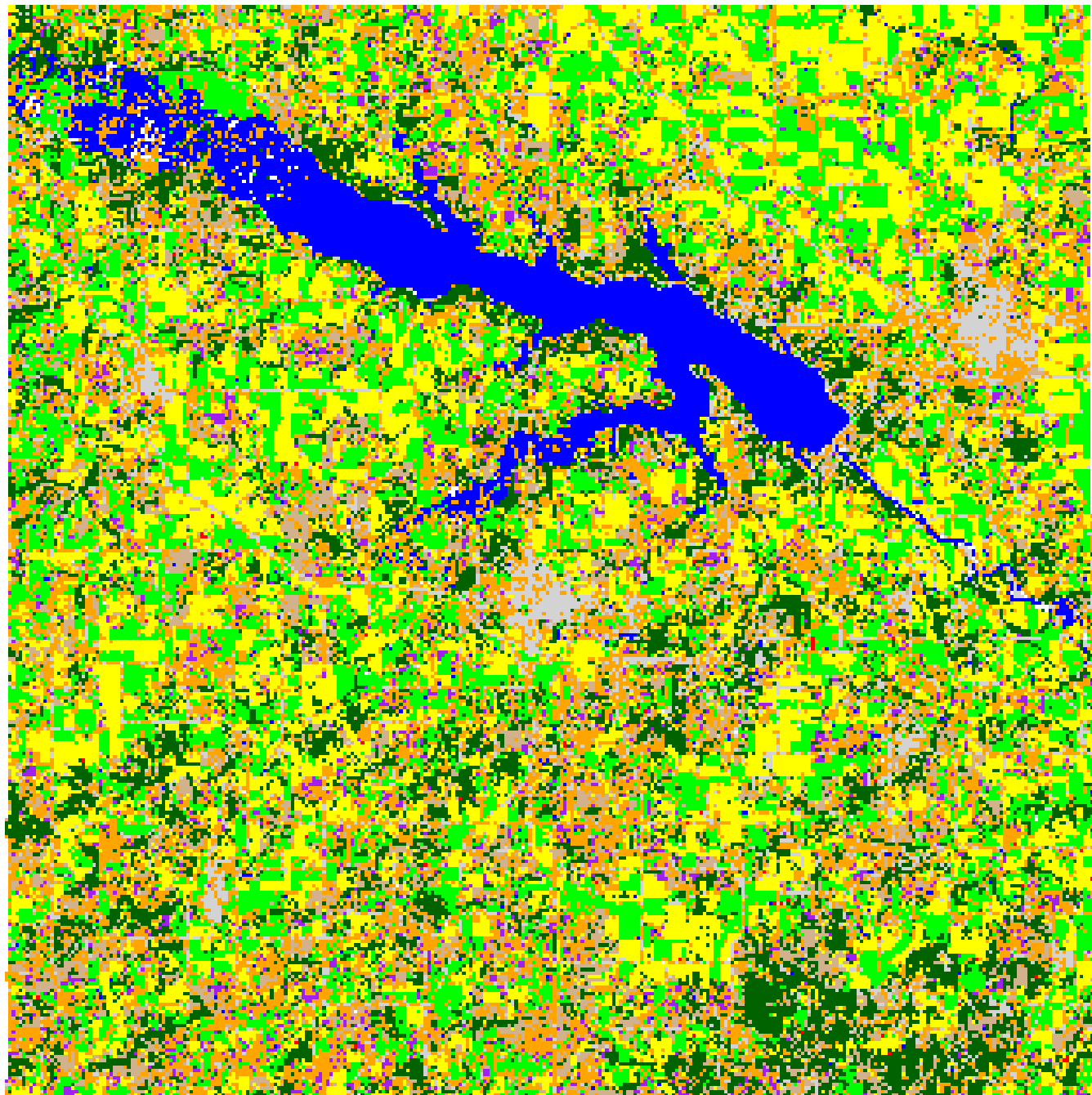
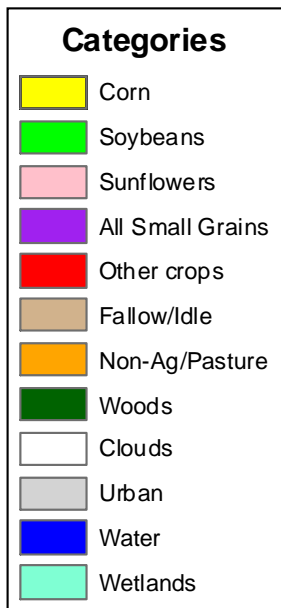
# 2005 Mahaska County, Iowa Cropland Data Layer



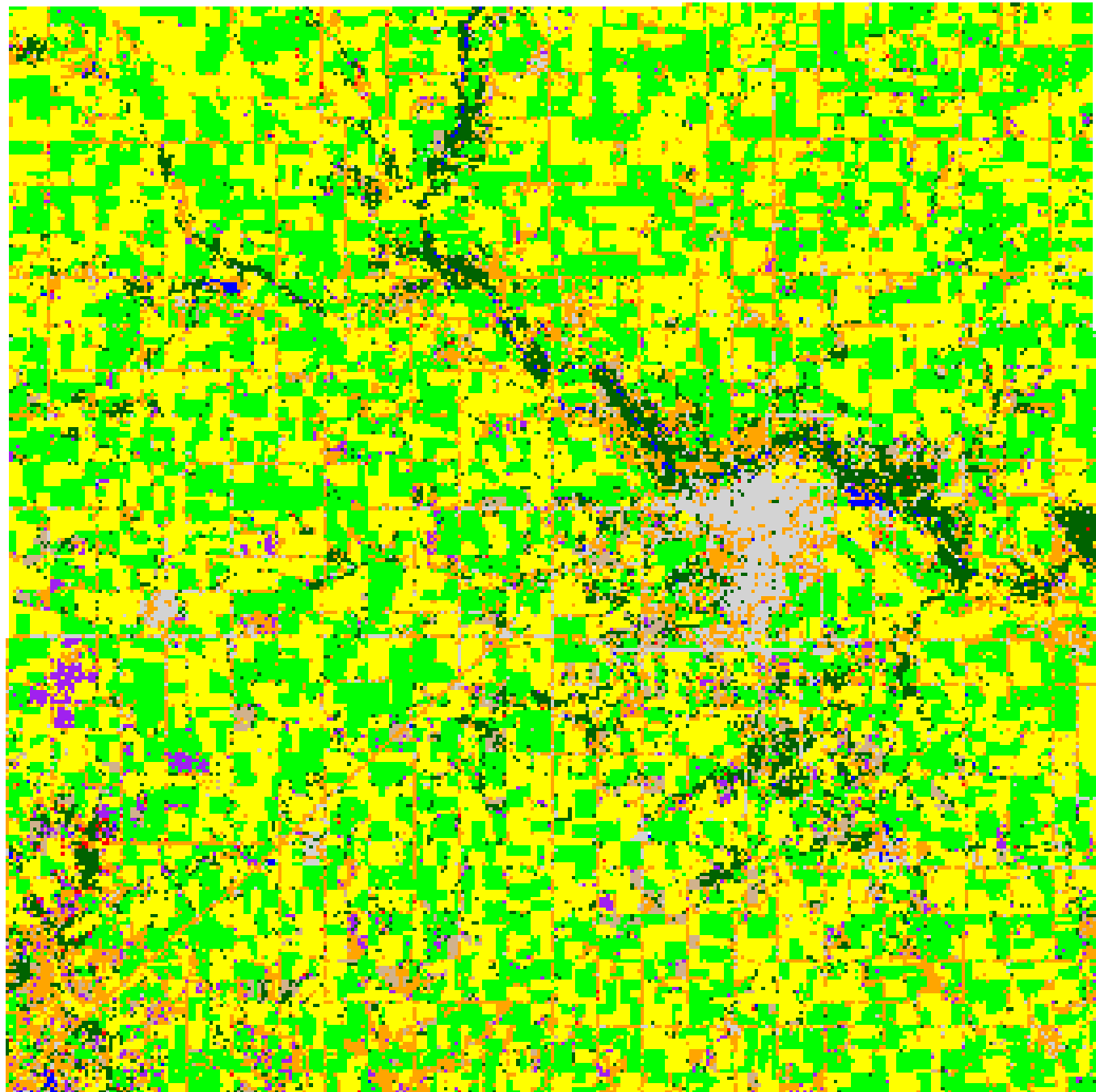
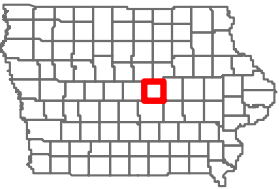
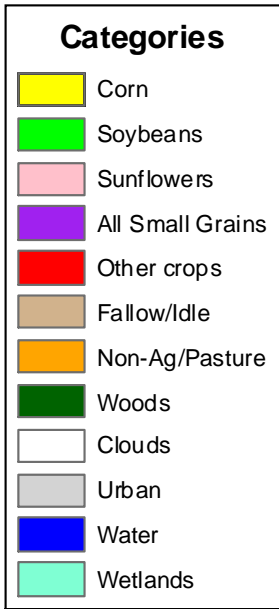
0 1 2 4 Miles



# 2005 Marion County, Iowa Cropland Data Layer

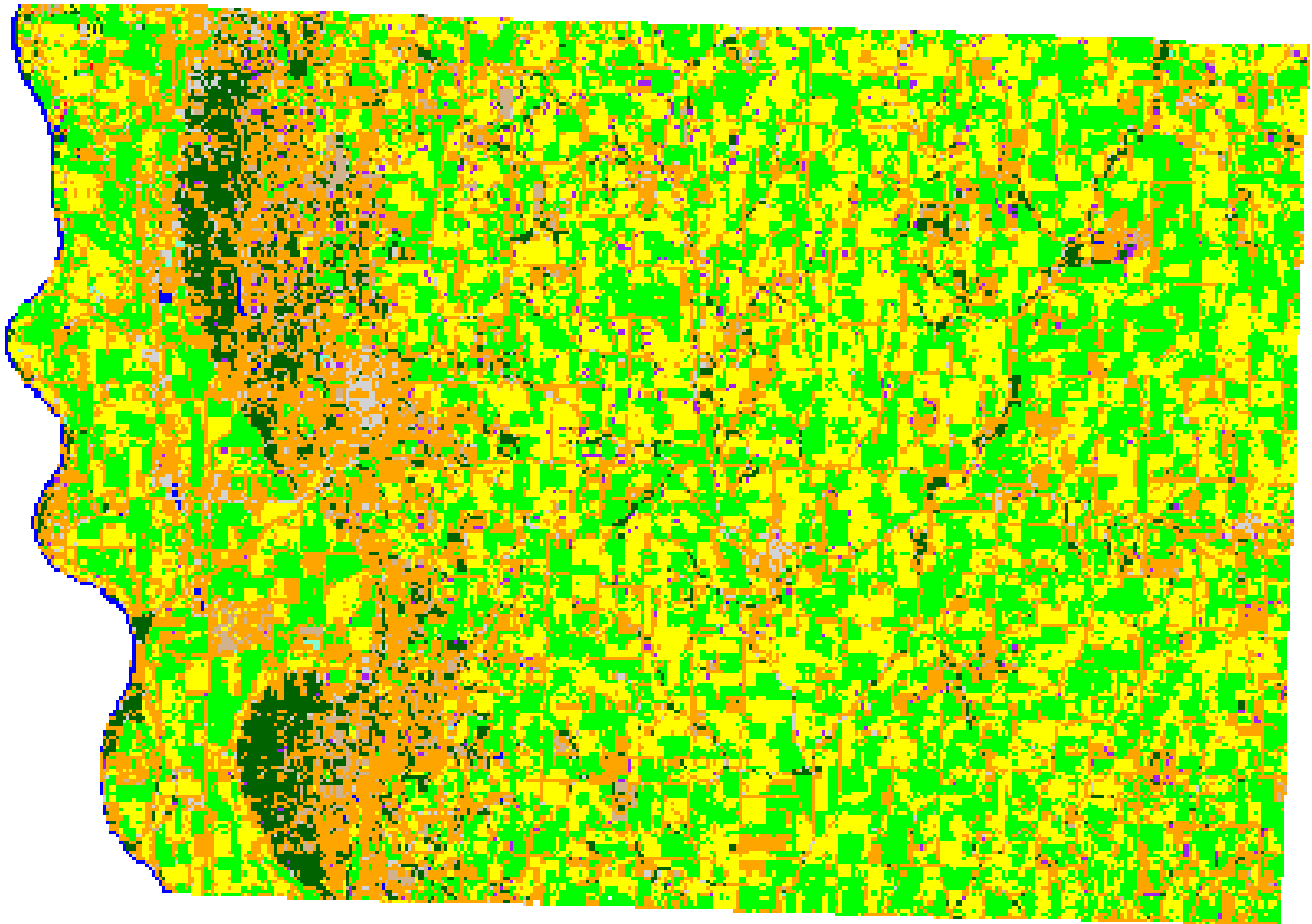
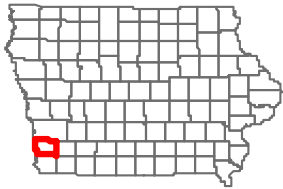
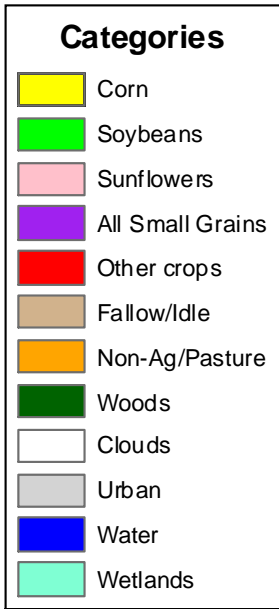


# 2005 Marshall County, Iowa Cropland Data Layer



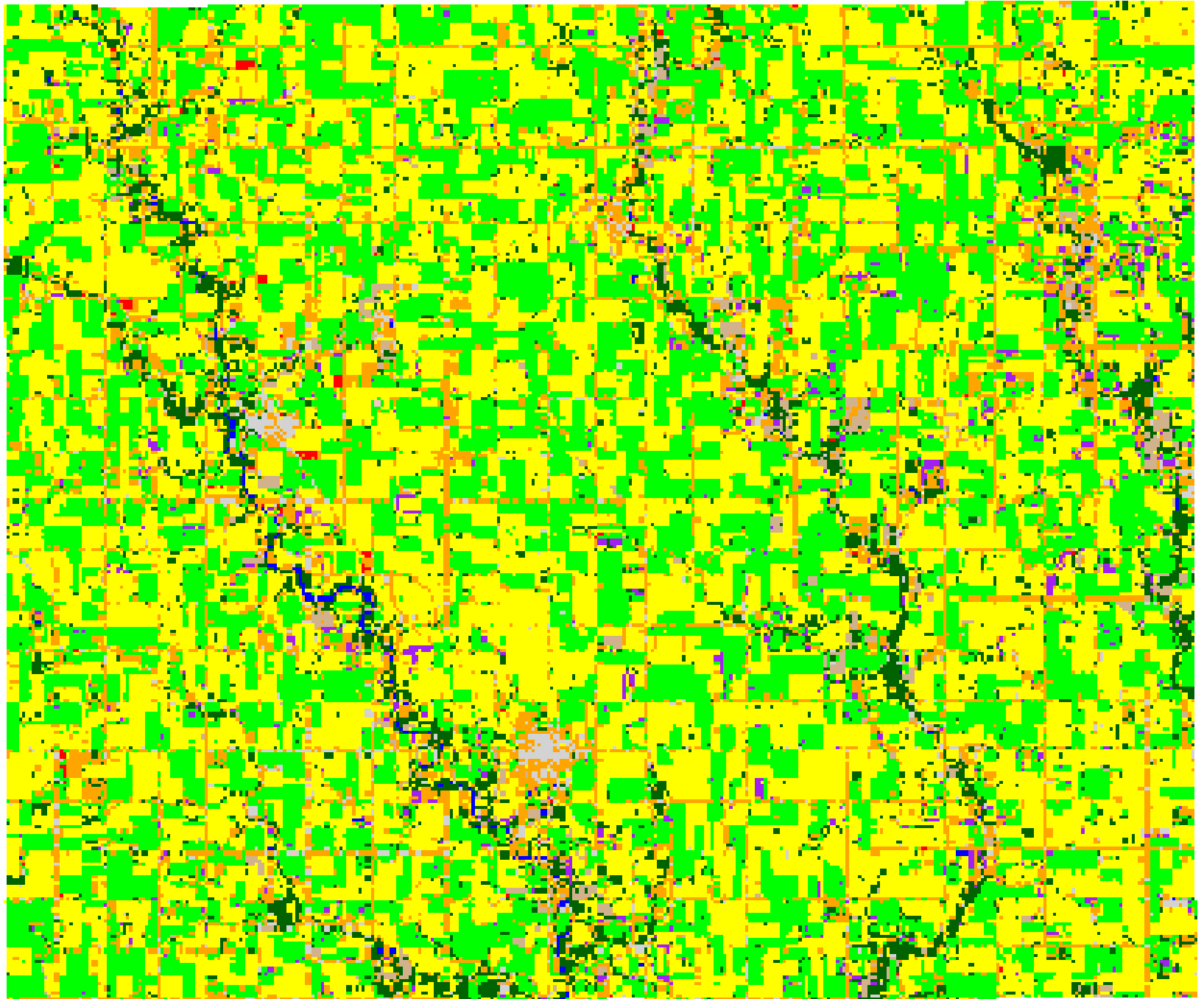
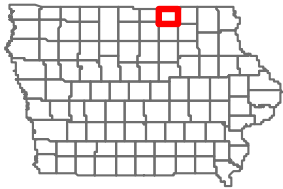
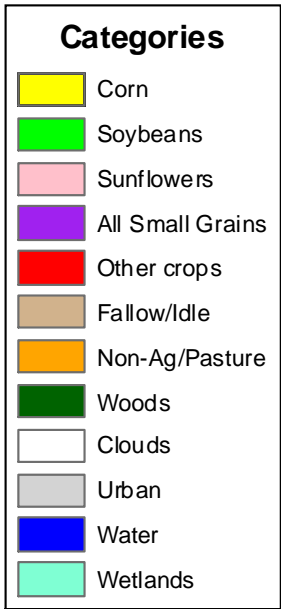
0 1 2 4 Miles

# 2005 Mills County, Iowa Cropland Data Layer



0 1 2 4 Miles

# 2005 Mitchell County, Iowa Cropland Data Layer

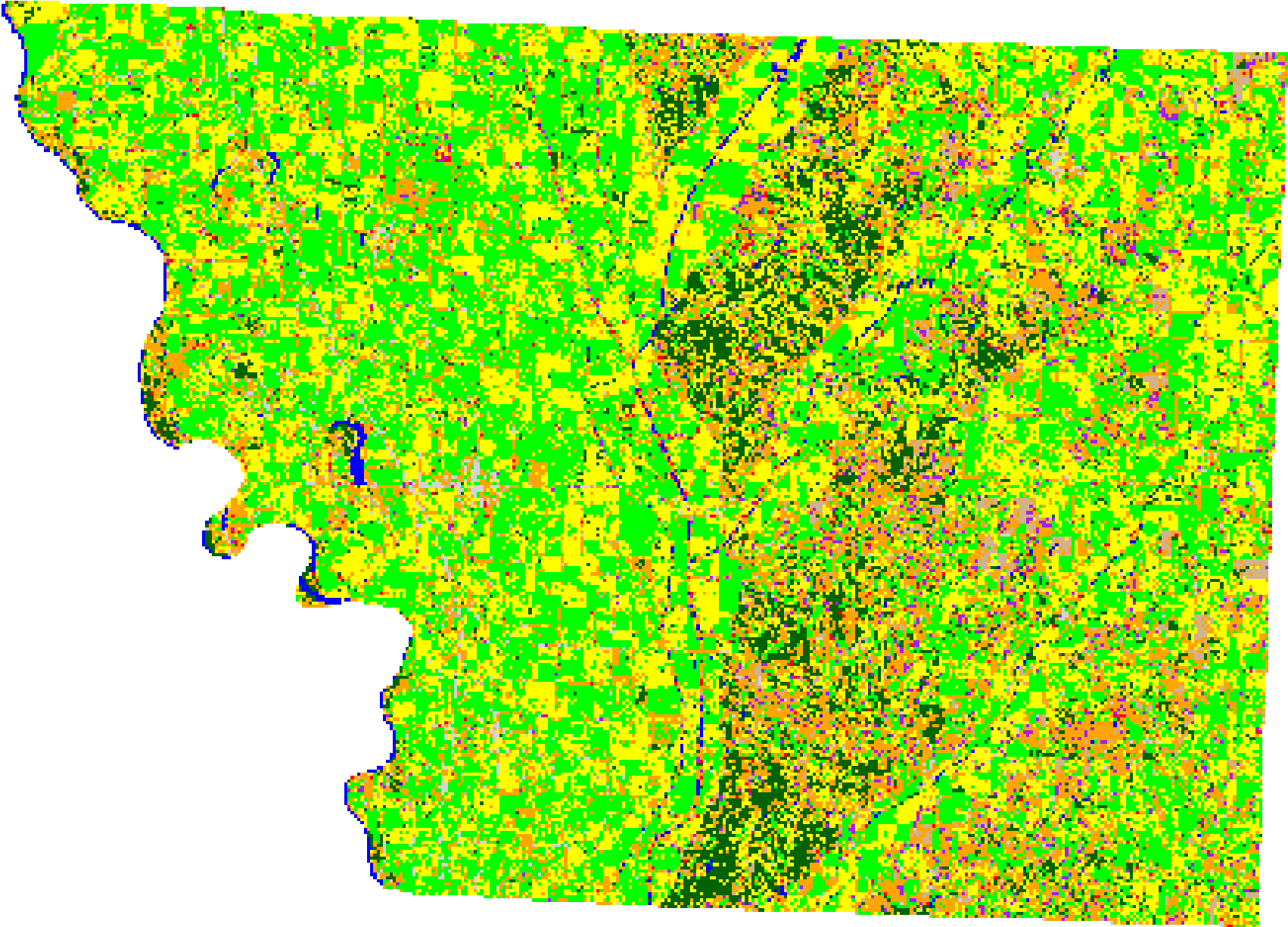


0 1 2 4 Miles

# 2005 Monona County, Iowa Cropland Data Layer

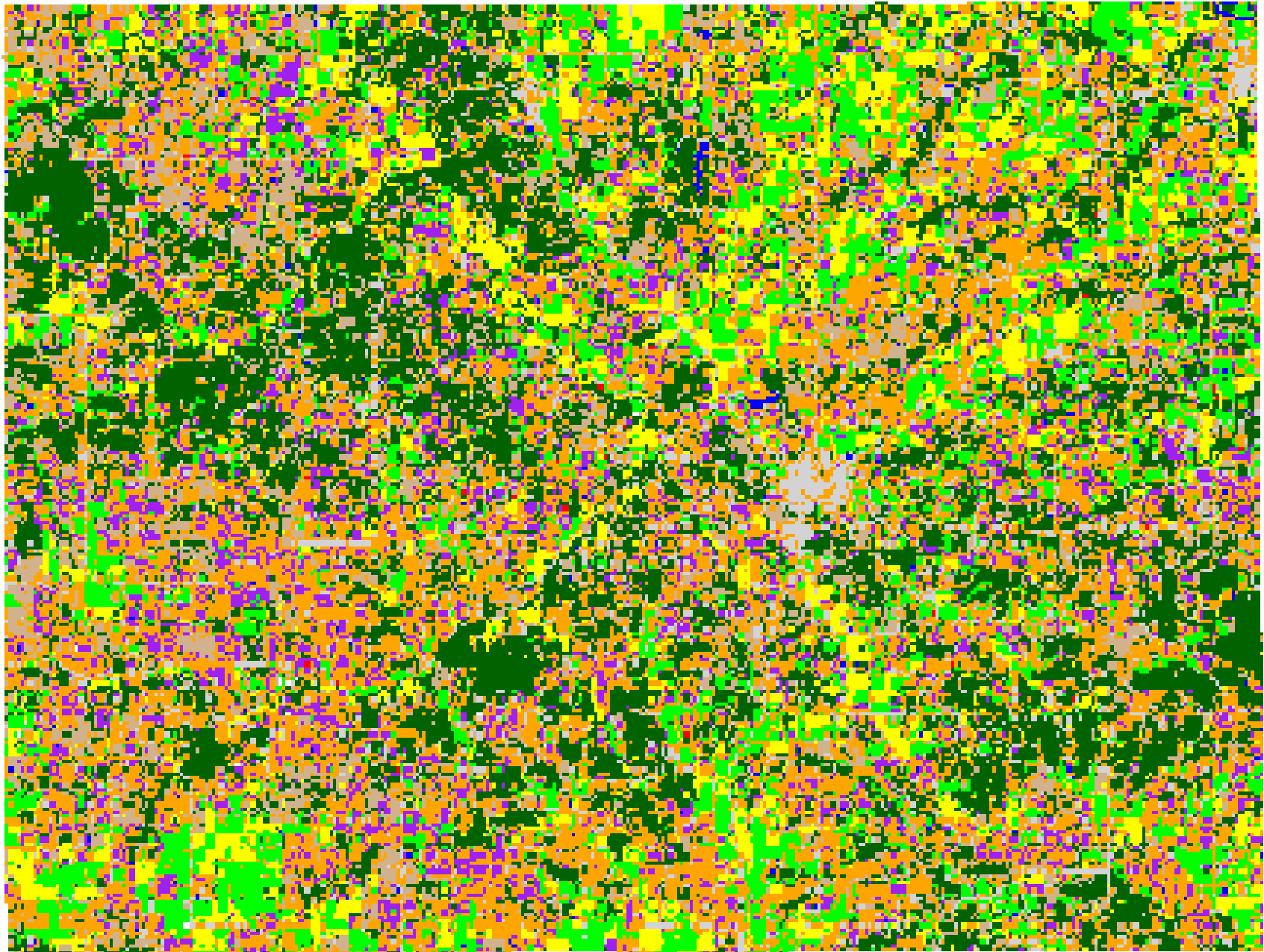
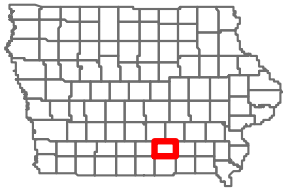
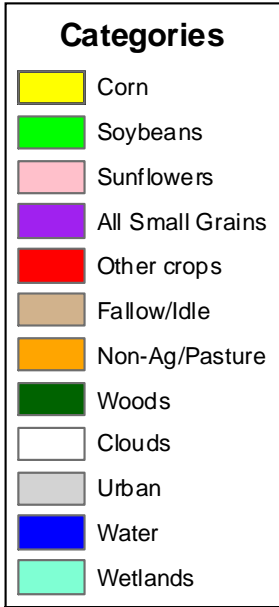
**Categories**

- Corn
- Soybeans
- Sunflowers
- All Small Grains
- Other crops
- Fallow/Idle
- Non-Ag/Pasture
- Woods
- Clouds
- Urban
- Water
- Wetlands



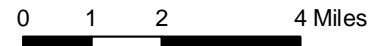
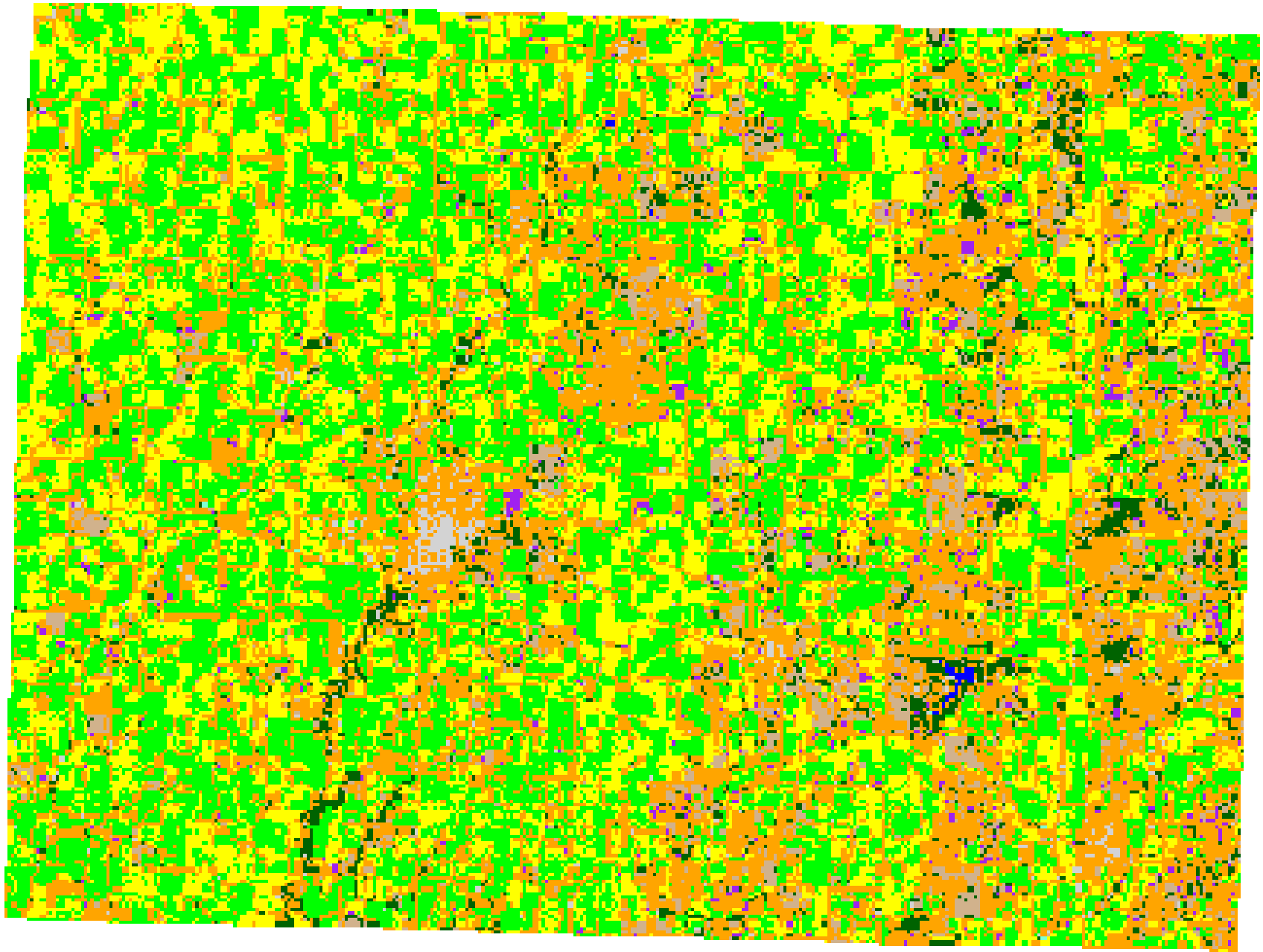
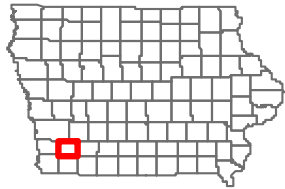
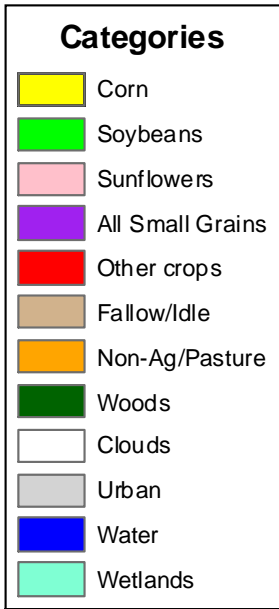
0 1 2 4 Miles

# 2005 Monroe County, Iowa Cropland Data Layer

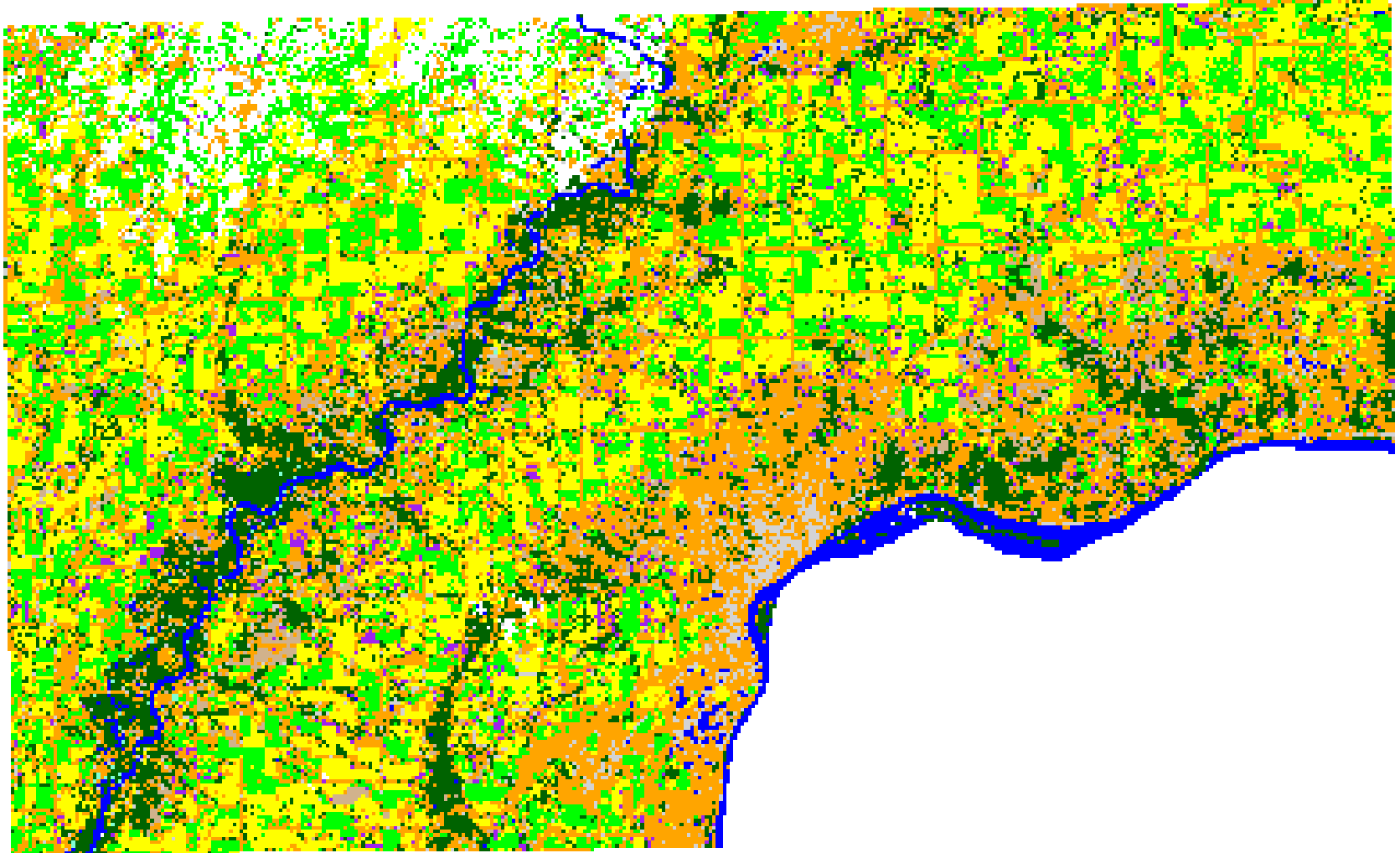
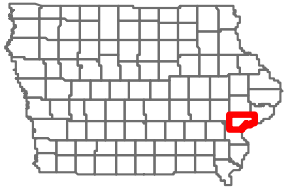
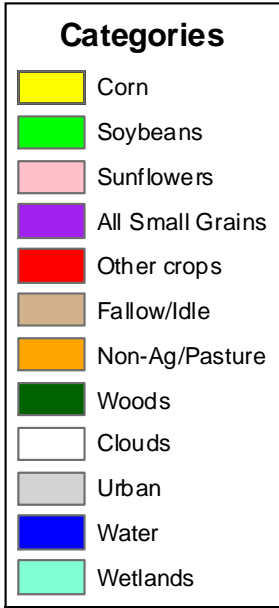


0 1 2 4 Miles

# 2005 Montgomery County, Iowa Cropland Data Layer



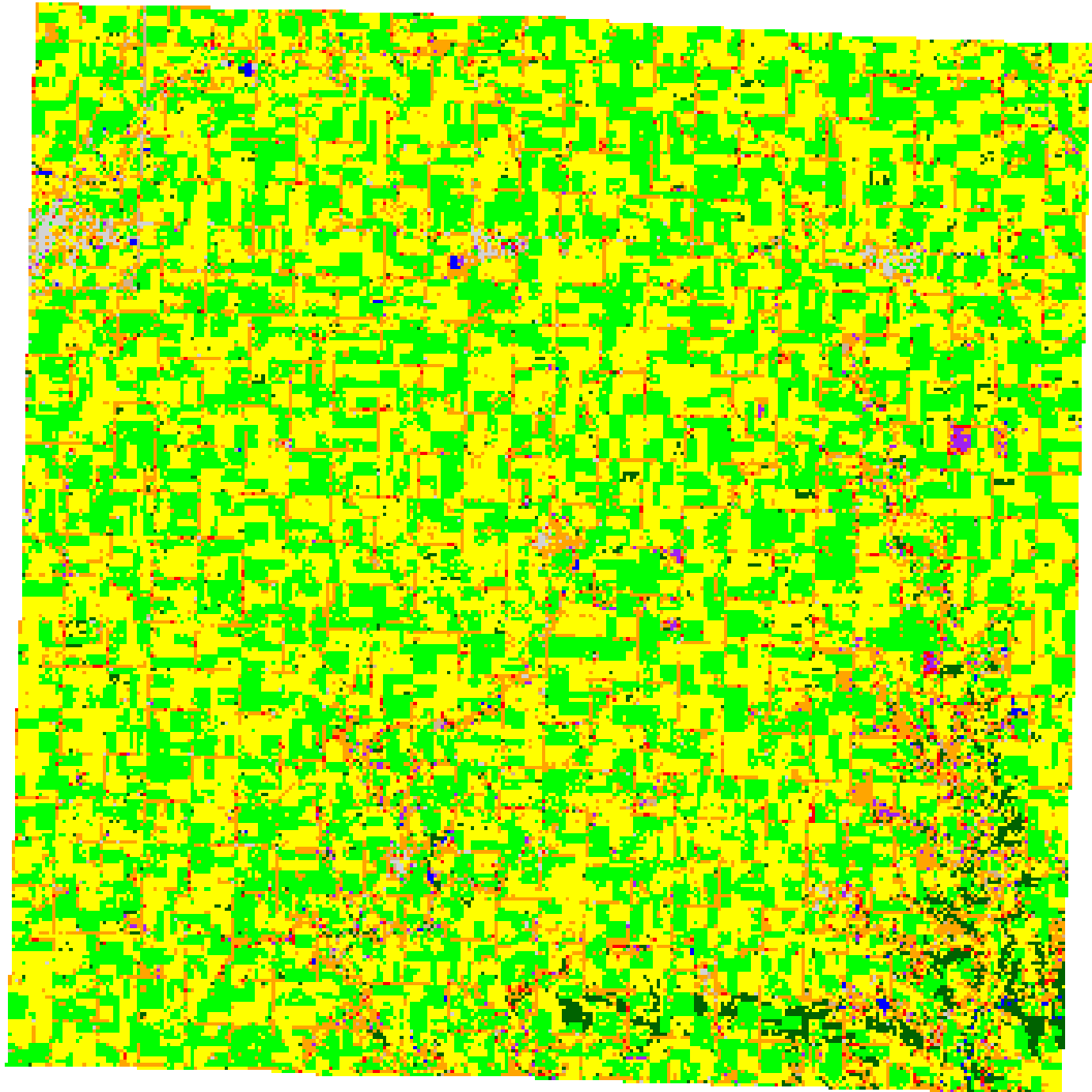
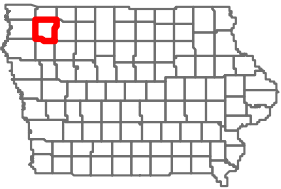
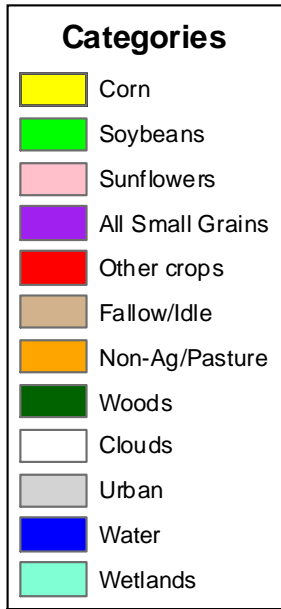
# 2005 Muscatine County, Iowa Cropland Data Layer



0 1 2 4 Miles

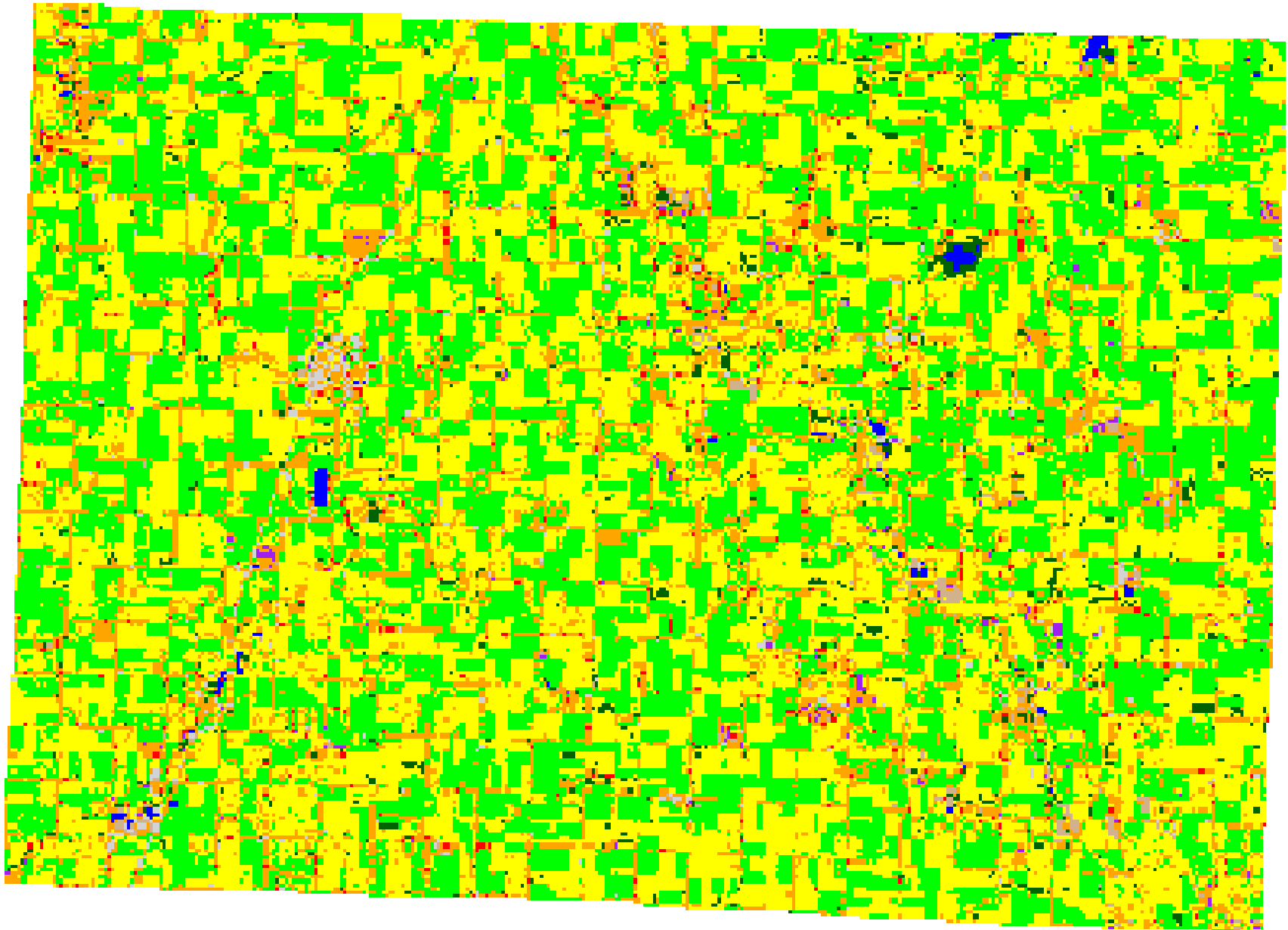
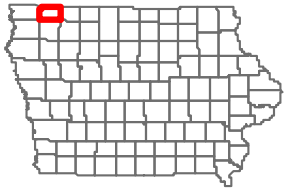
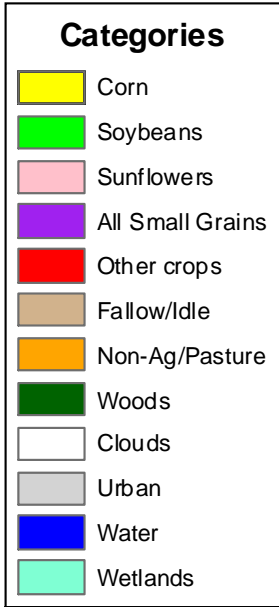


# 2005 Obrien County, Iowa Cropland Data Layer



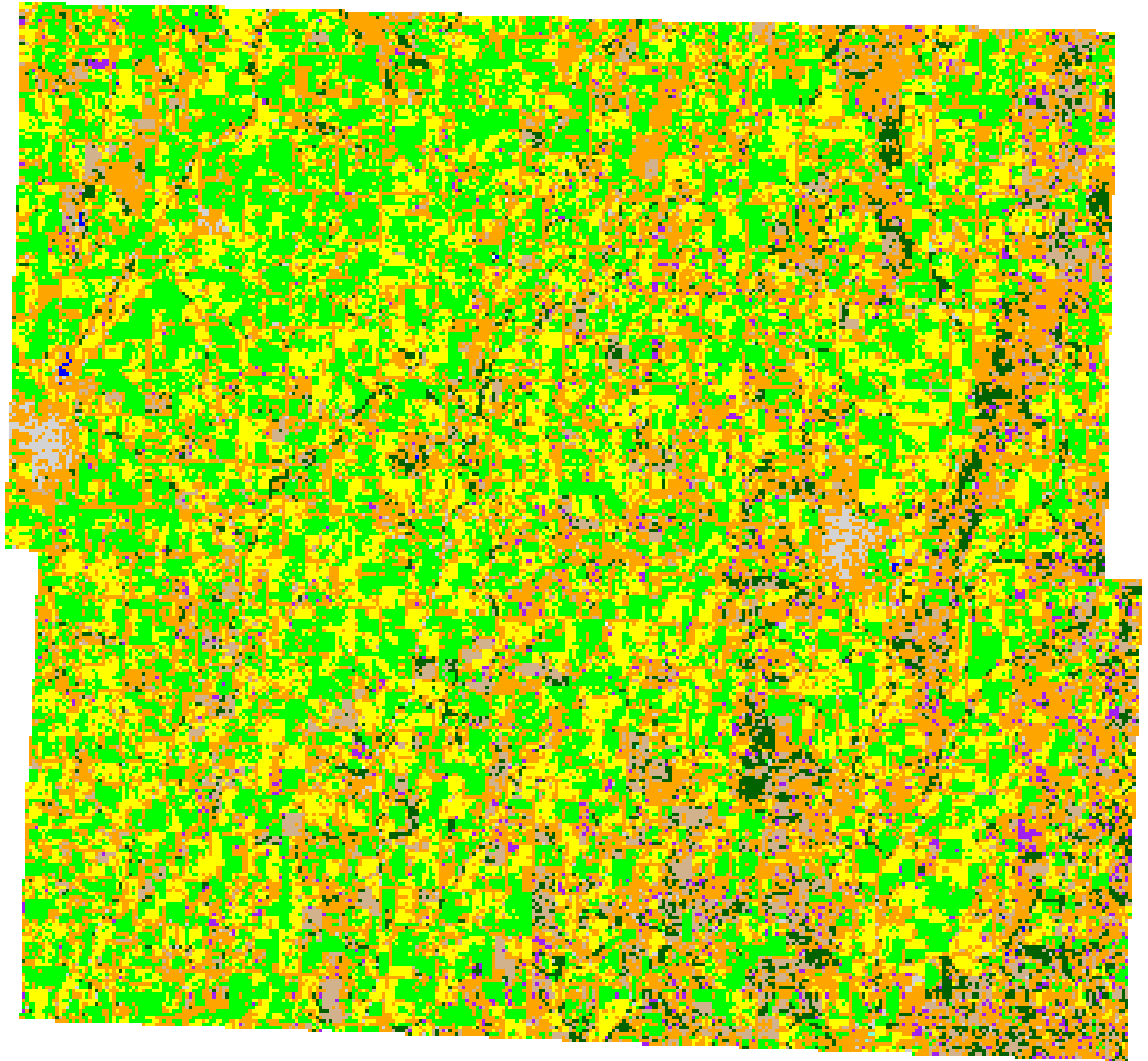
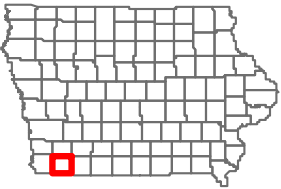
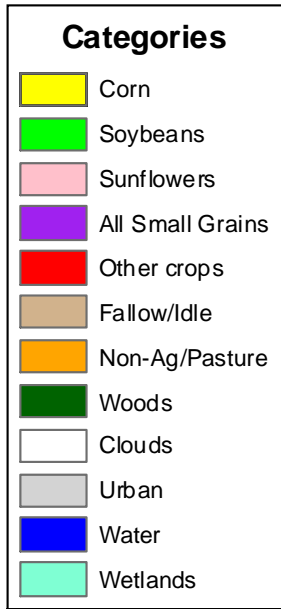
0 1 2 4 Miles

# 2005 Osceola County, Iowa Cropland Data Layer



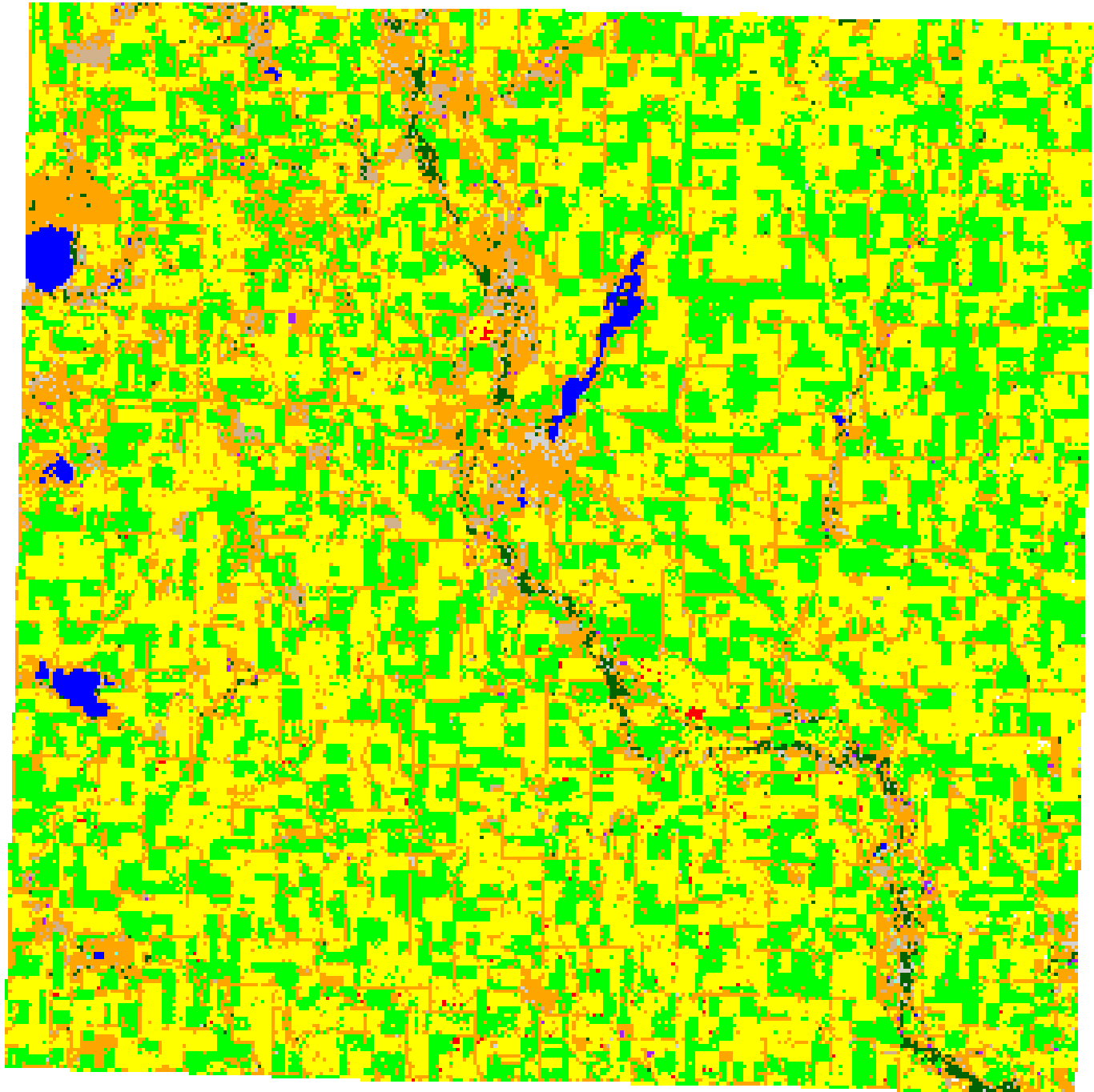
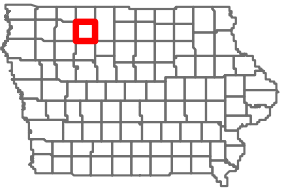
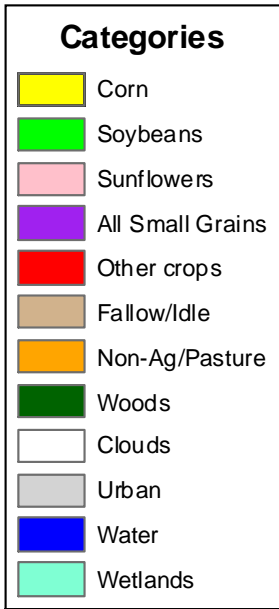
0 1 2 4 Miles

# 2005 Page County, Iowa Cropland Data Layer



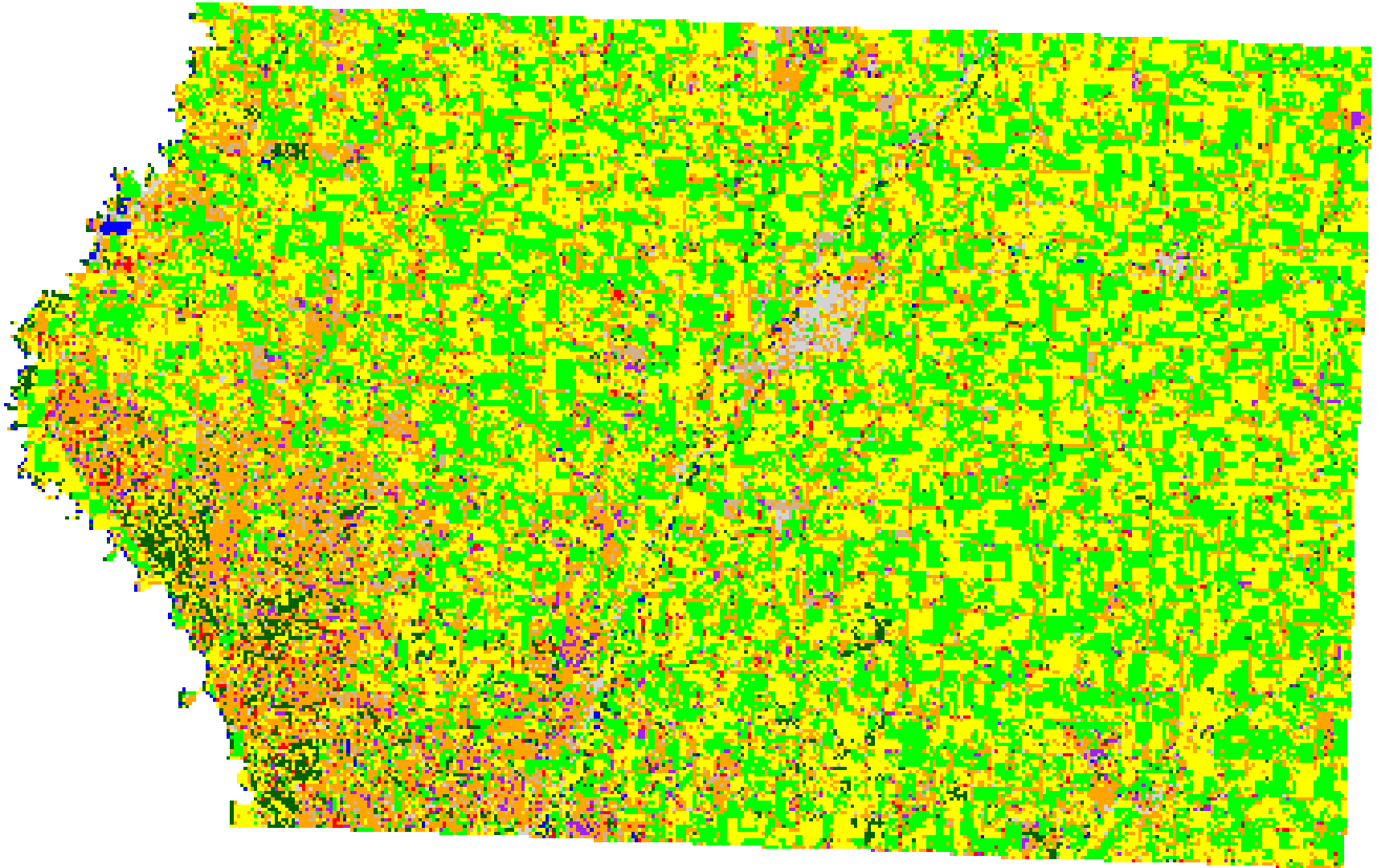
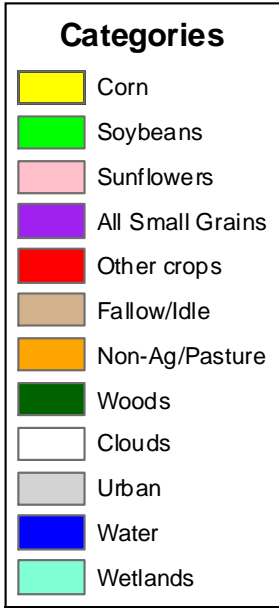
0 1 2 4 Miles

# 2005 Palo Alto County, Iowa Cropland Data Layer



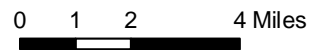
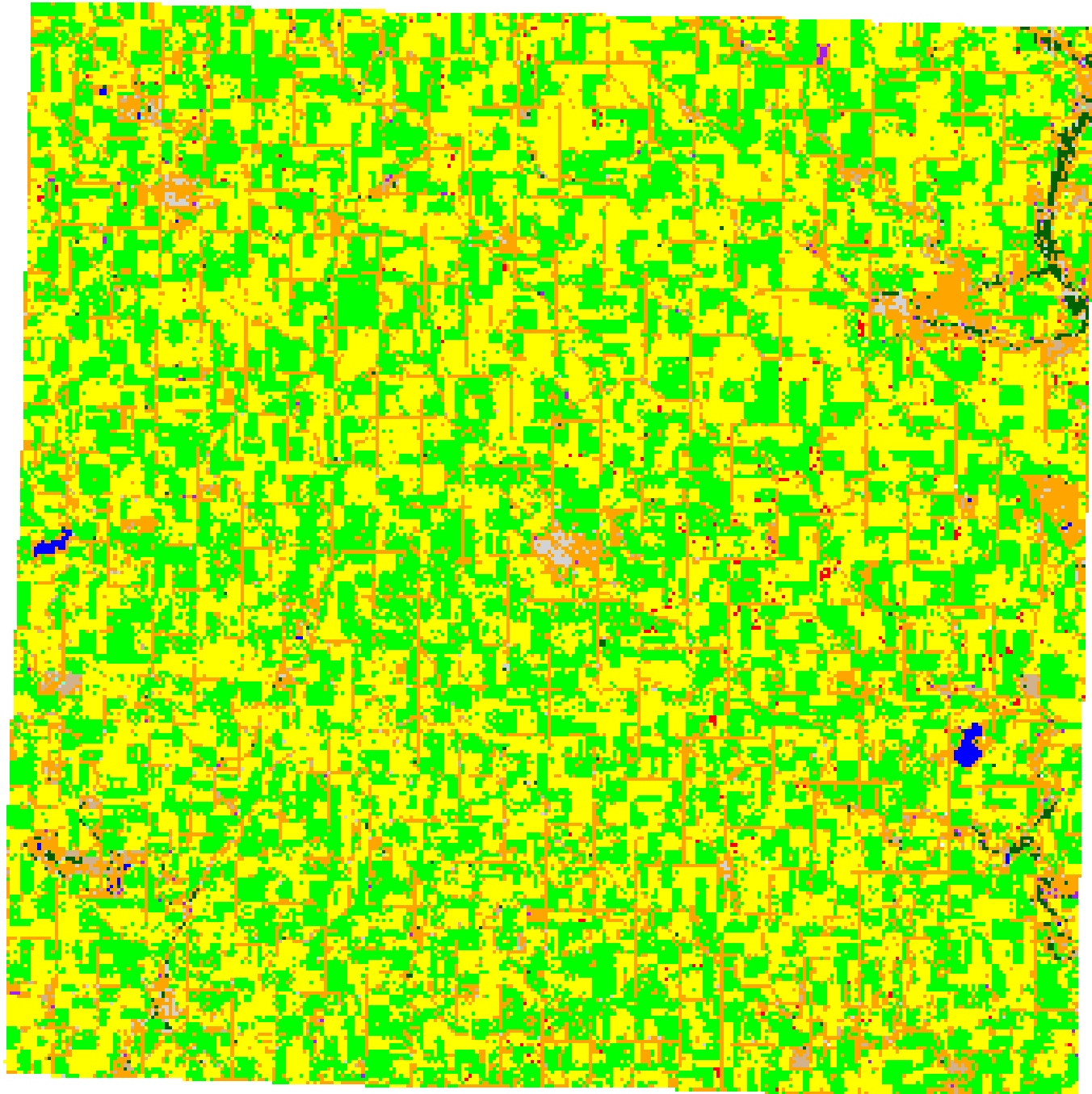
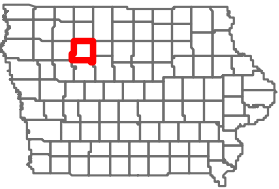
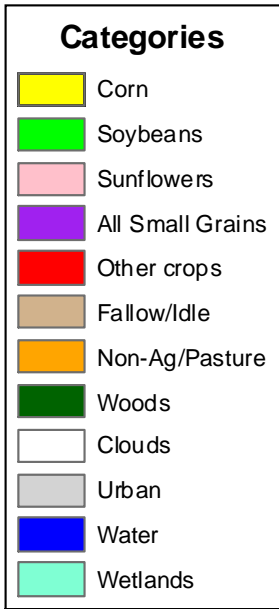
0 1 2 4 Miles

# 2005 Plymouth County, Iowa Cropland Data Layer

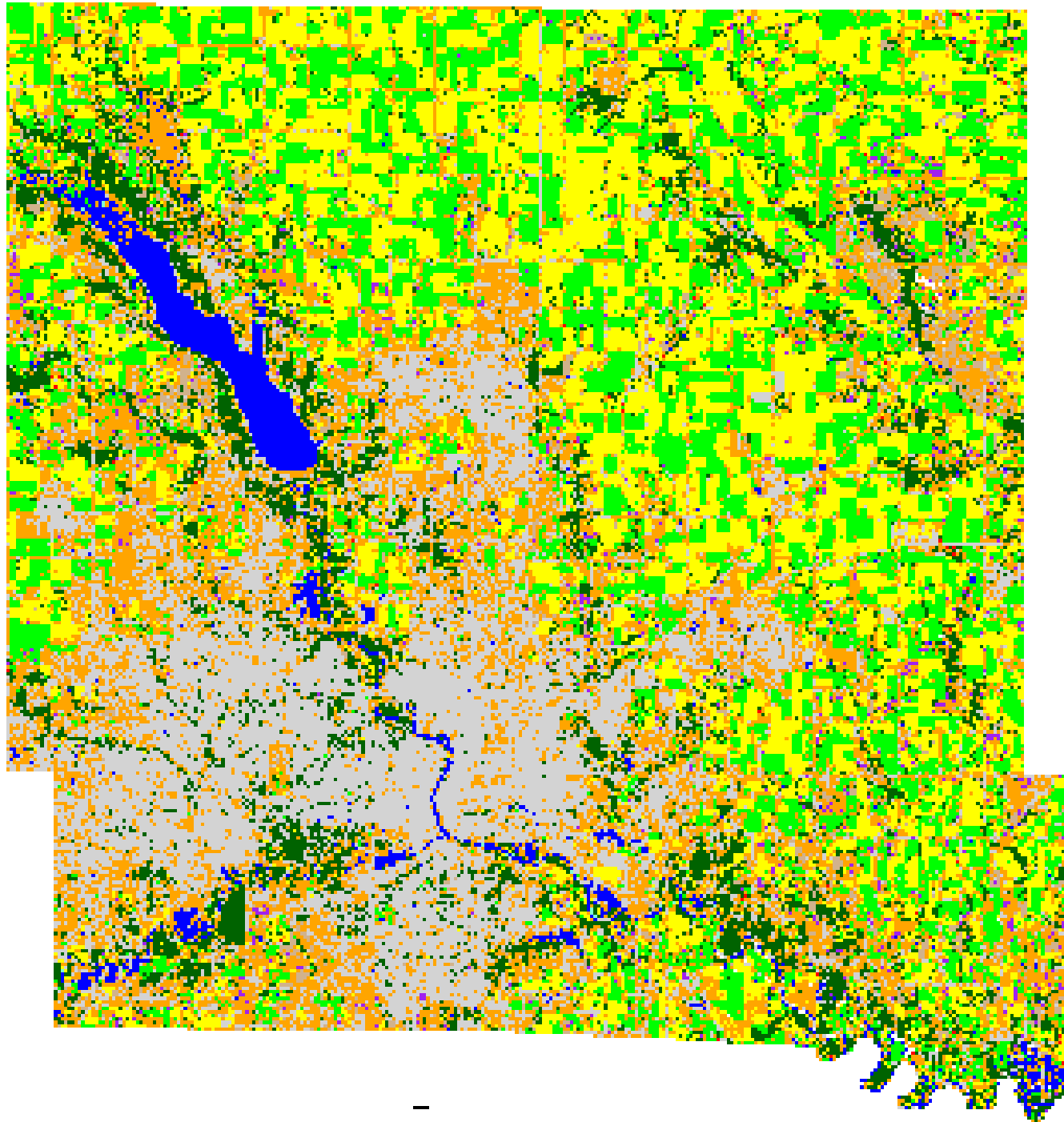
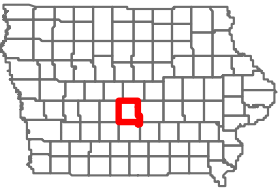
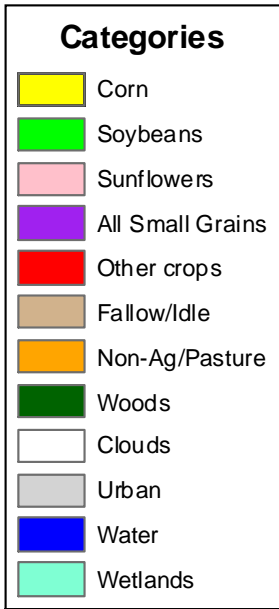


0 1 2 4 Miles

# 2005 Pocahontas County, Iowa Cropland Data Layer

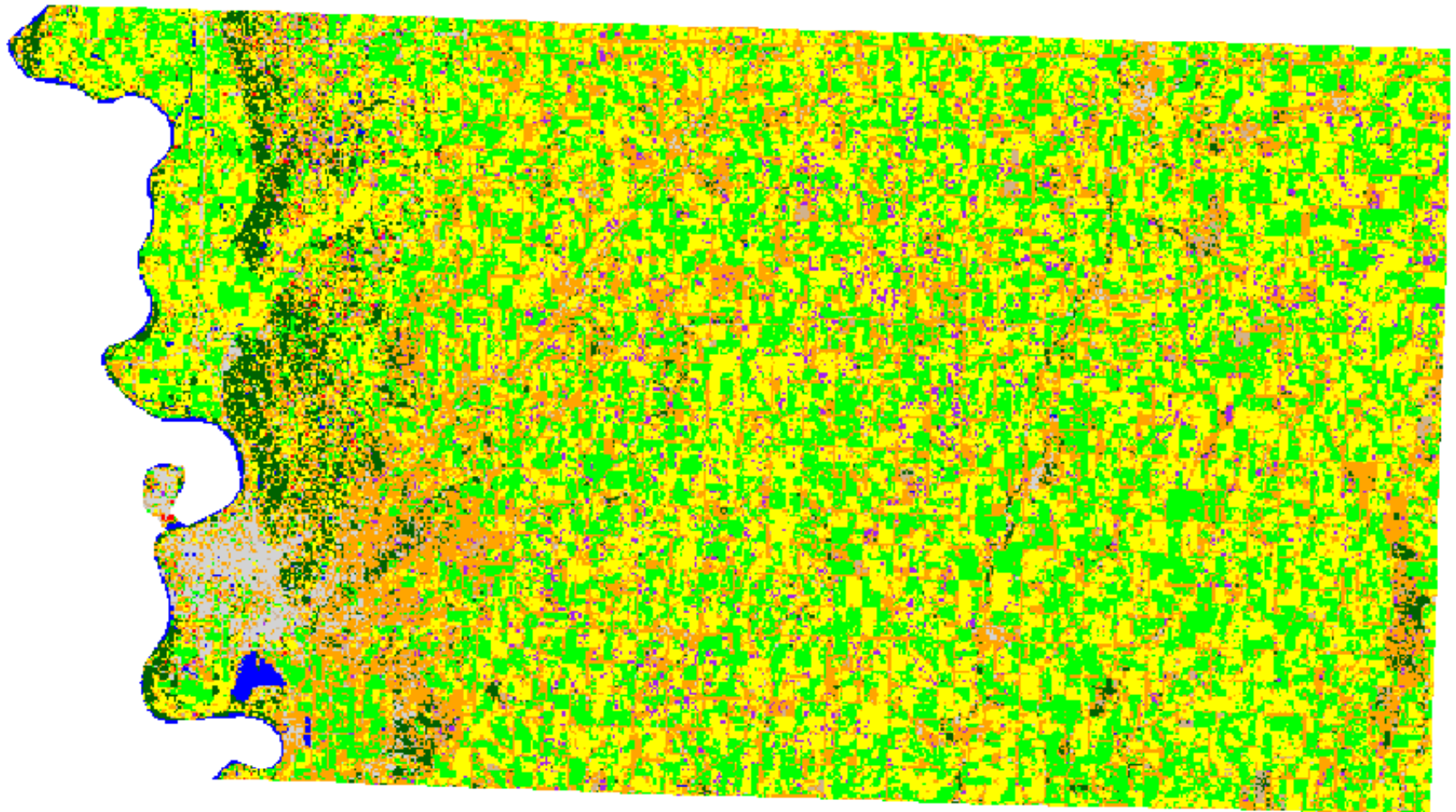
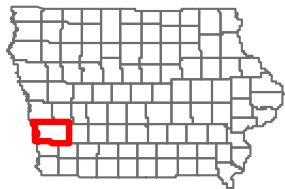
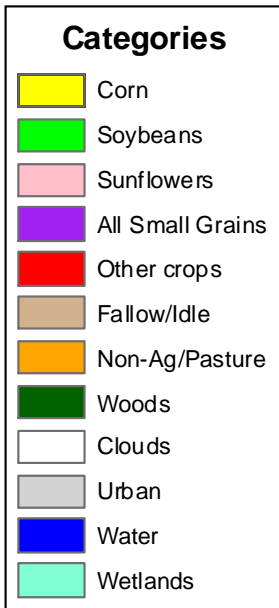


# 2005 Polk County, Iowa Cropland Data Layer



0 1 2 4 Miles

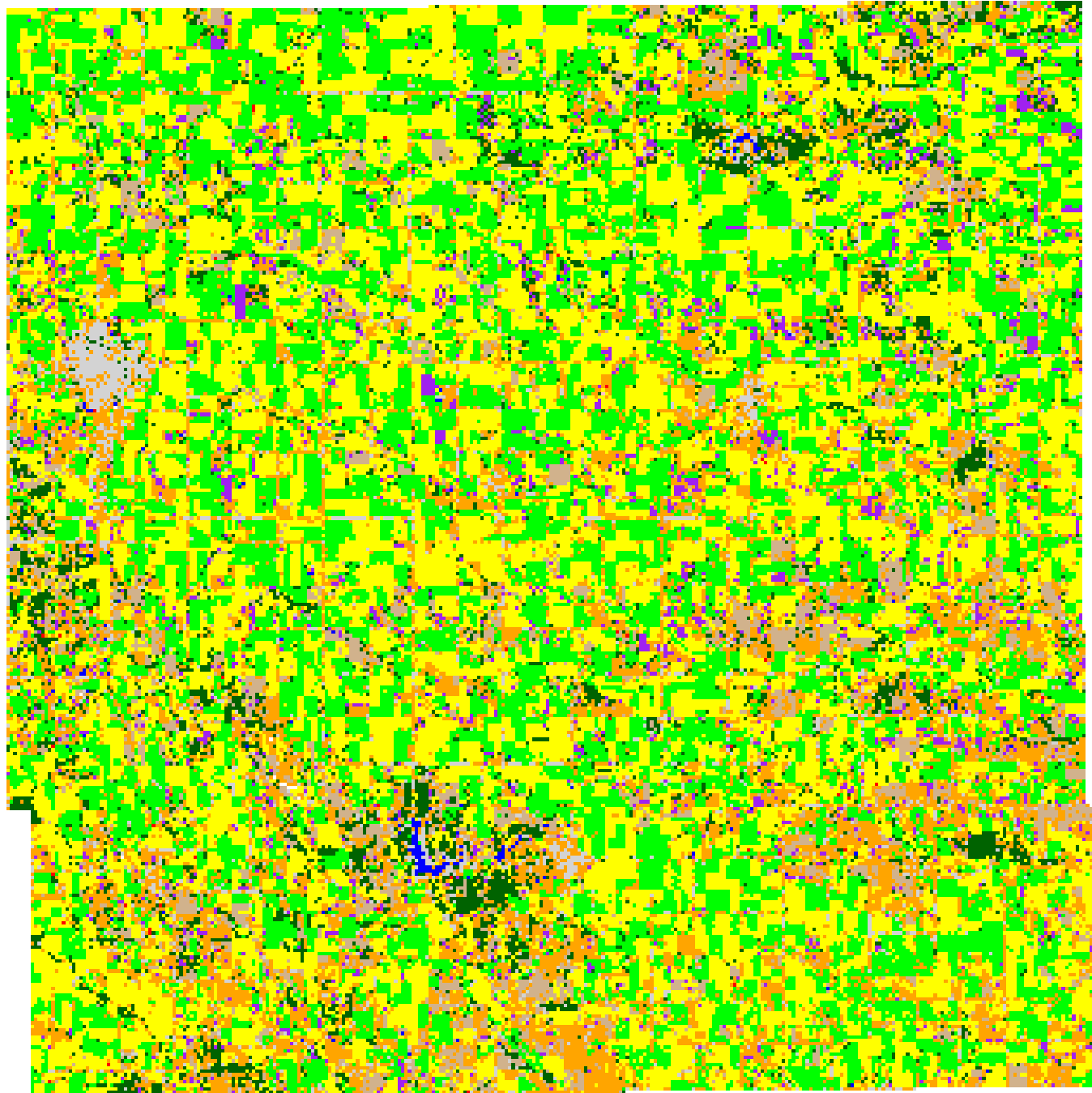
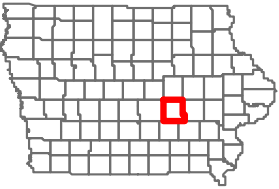
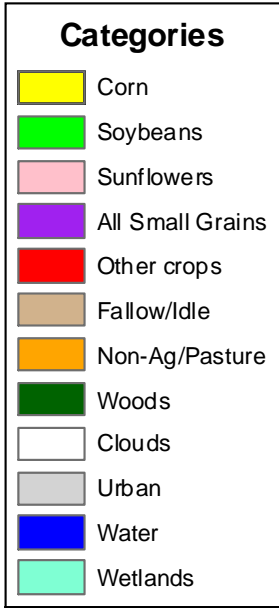
# 2005 Pottawattamie County, Iowa Cropland Data Layer



0 1 2 4 Miles

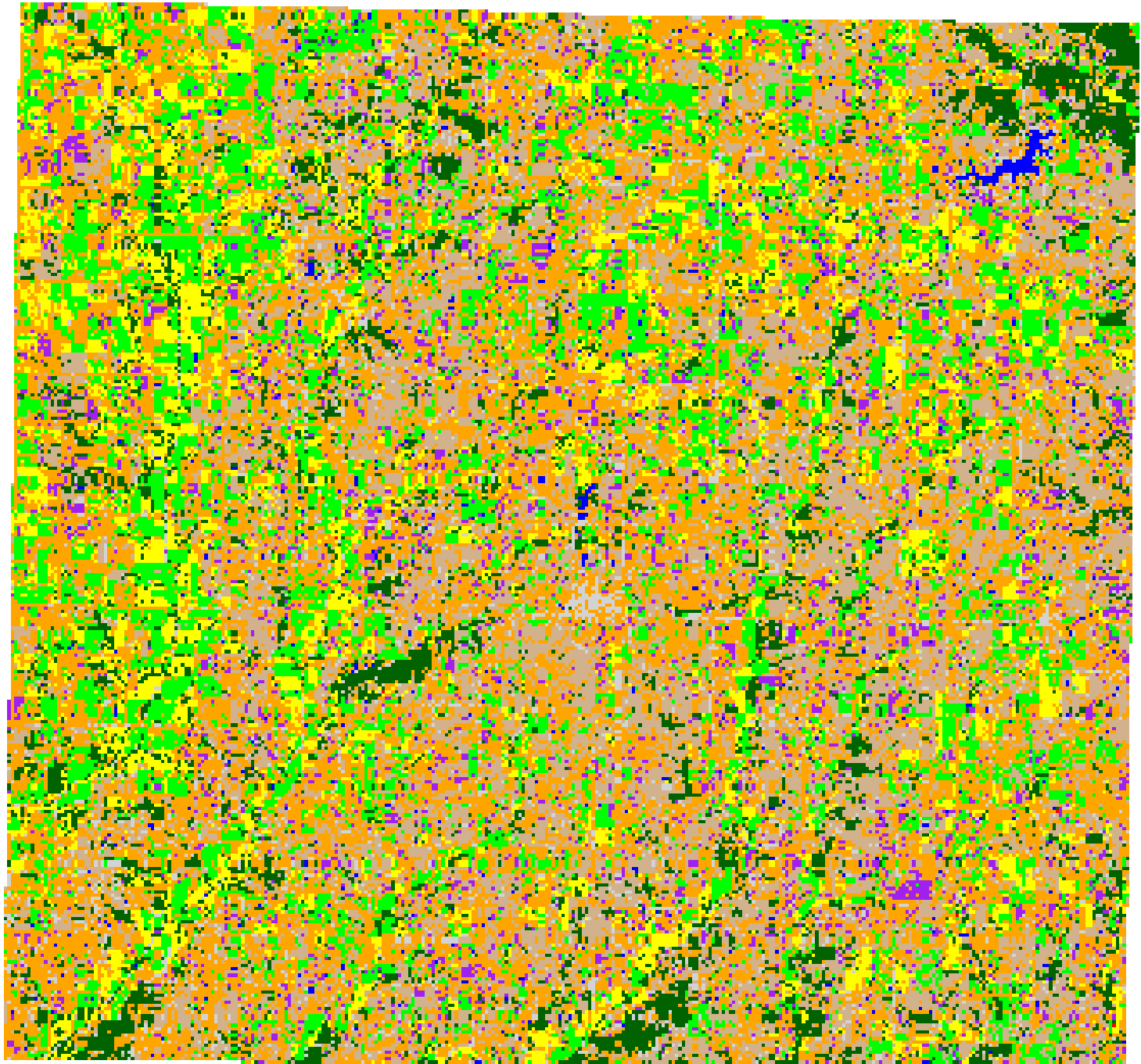
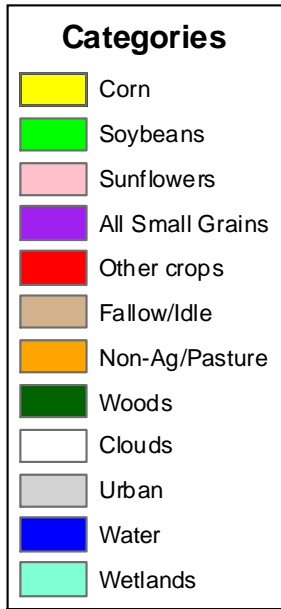


# 2005 Poweshiek County, Iowa Cropland Data Layer



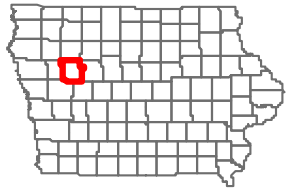
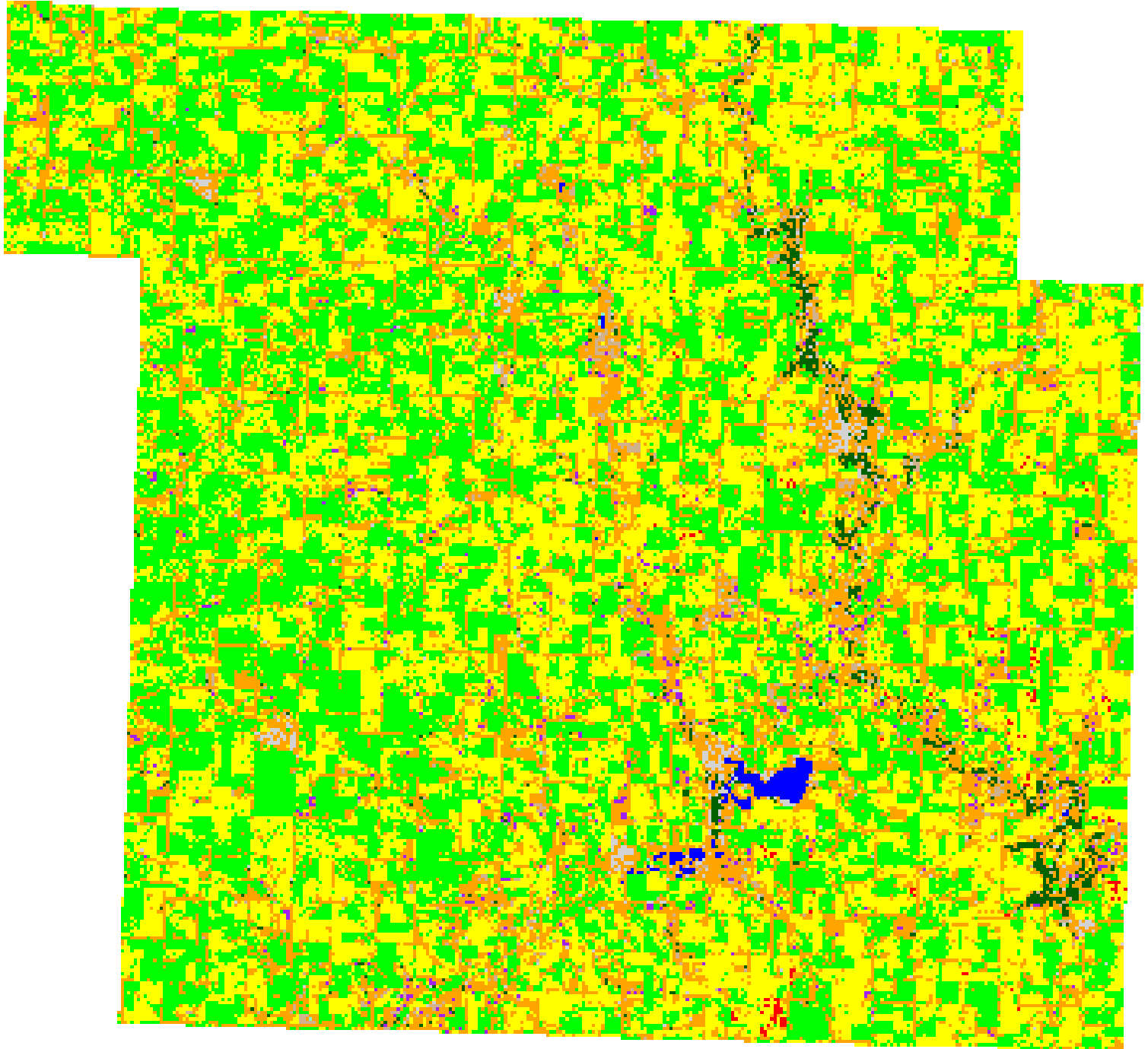
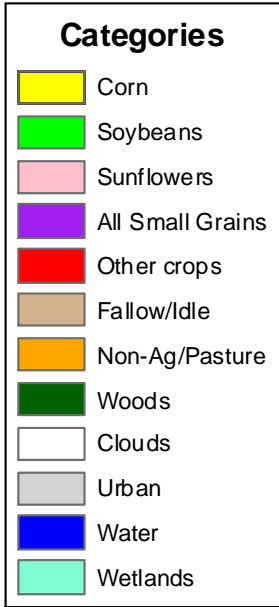
0 1 2 4 Miles

# 2005 Ringgold County, Iowa Cropland Data Layer



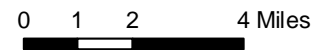
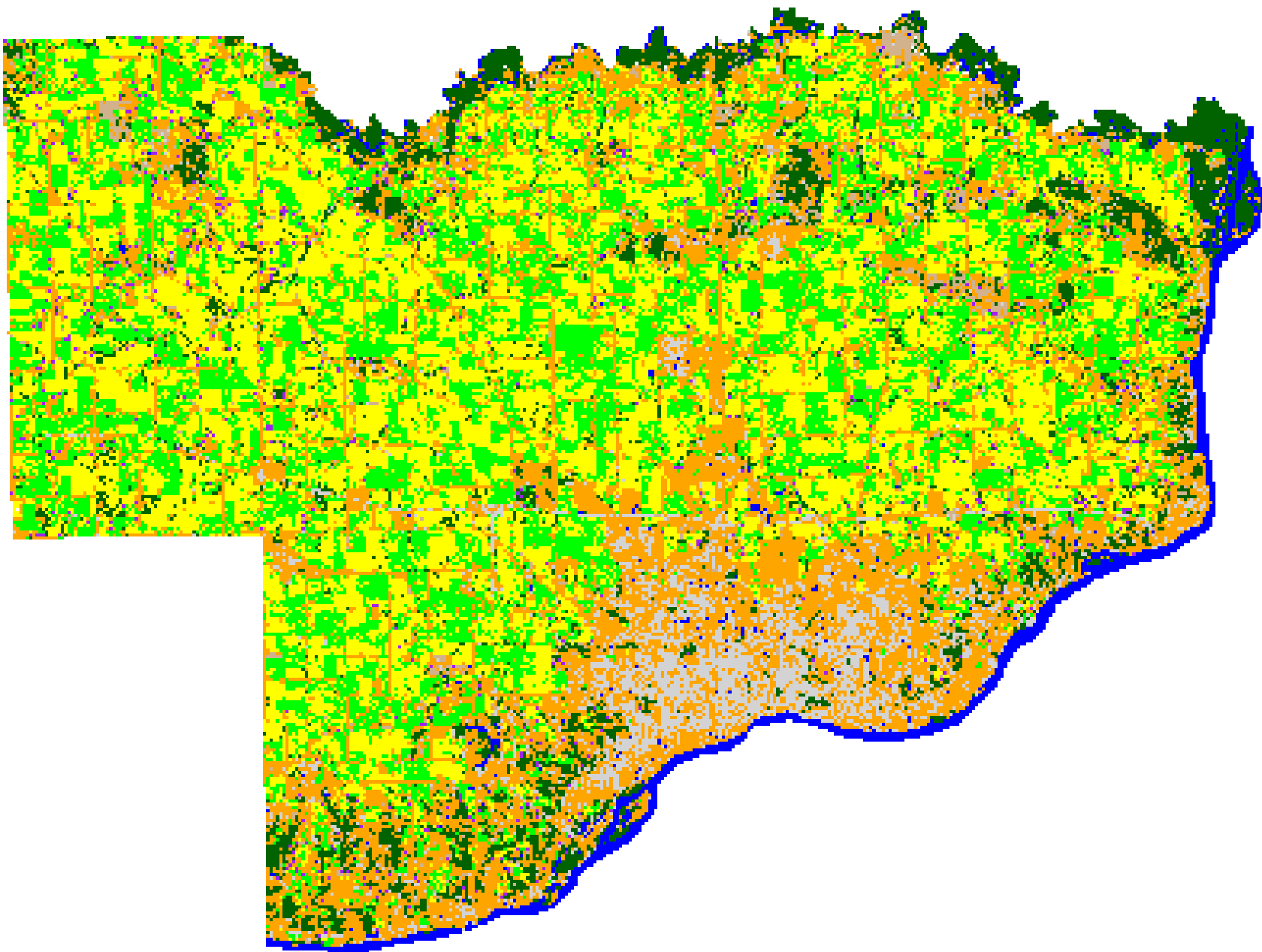
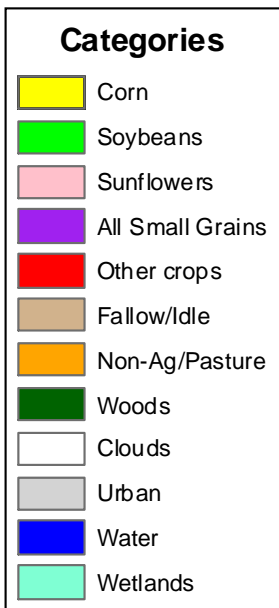
0 1 2 4 Miles

# 2005 Sac County, Iowa Cropland Data Layer

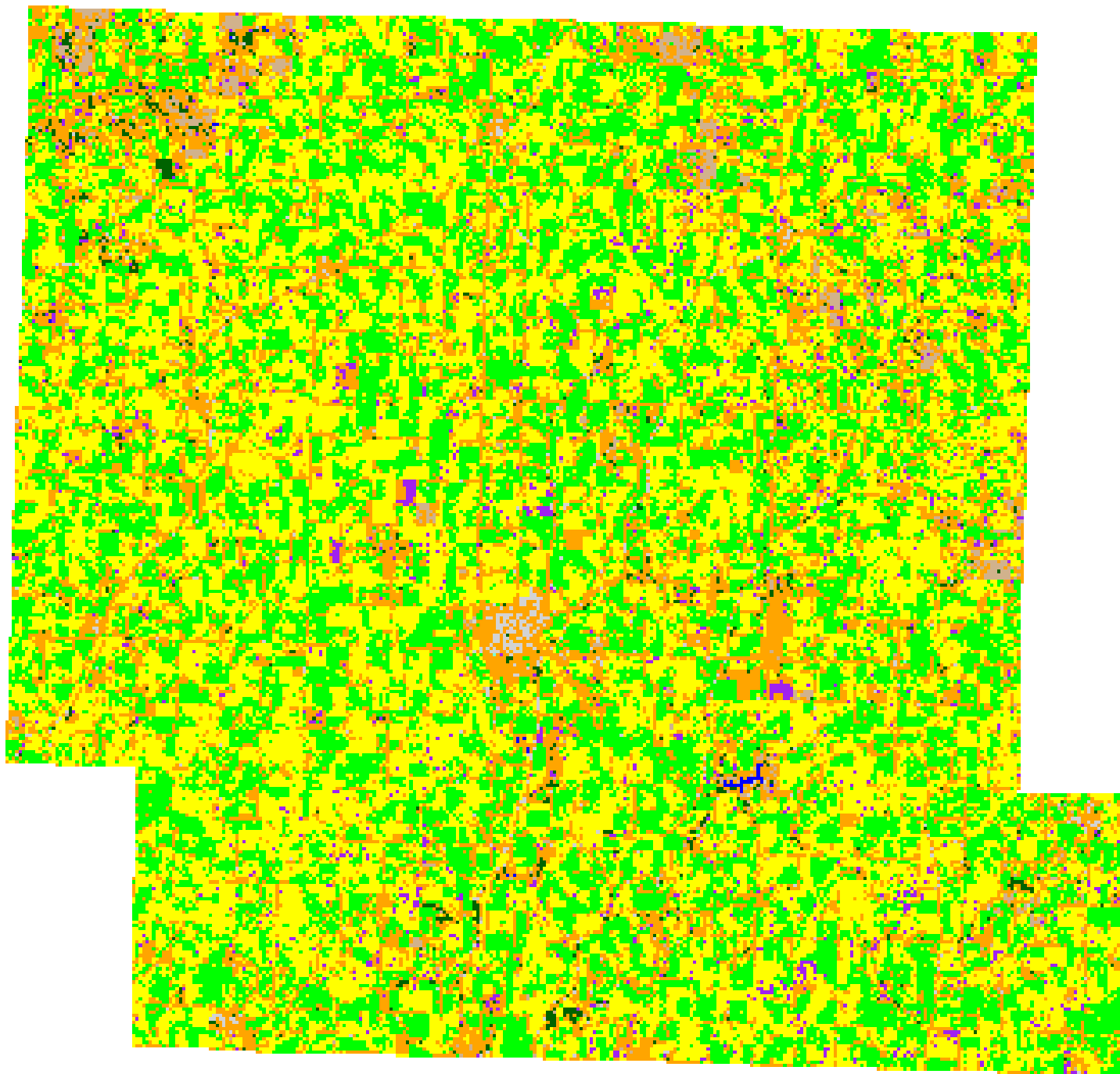
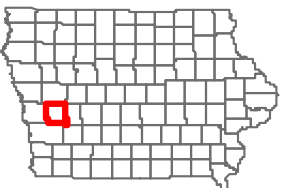
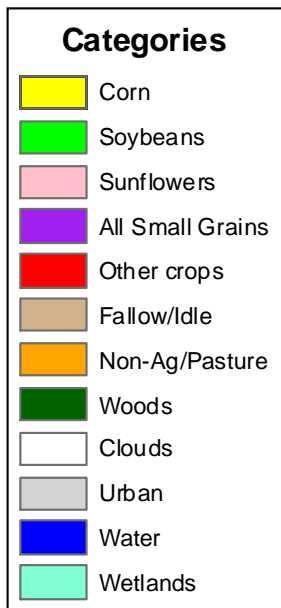


0 1 2 4 Miles

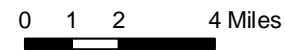
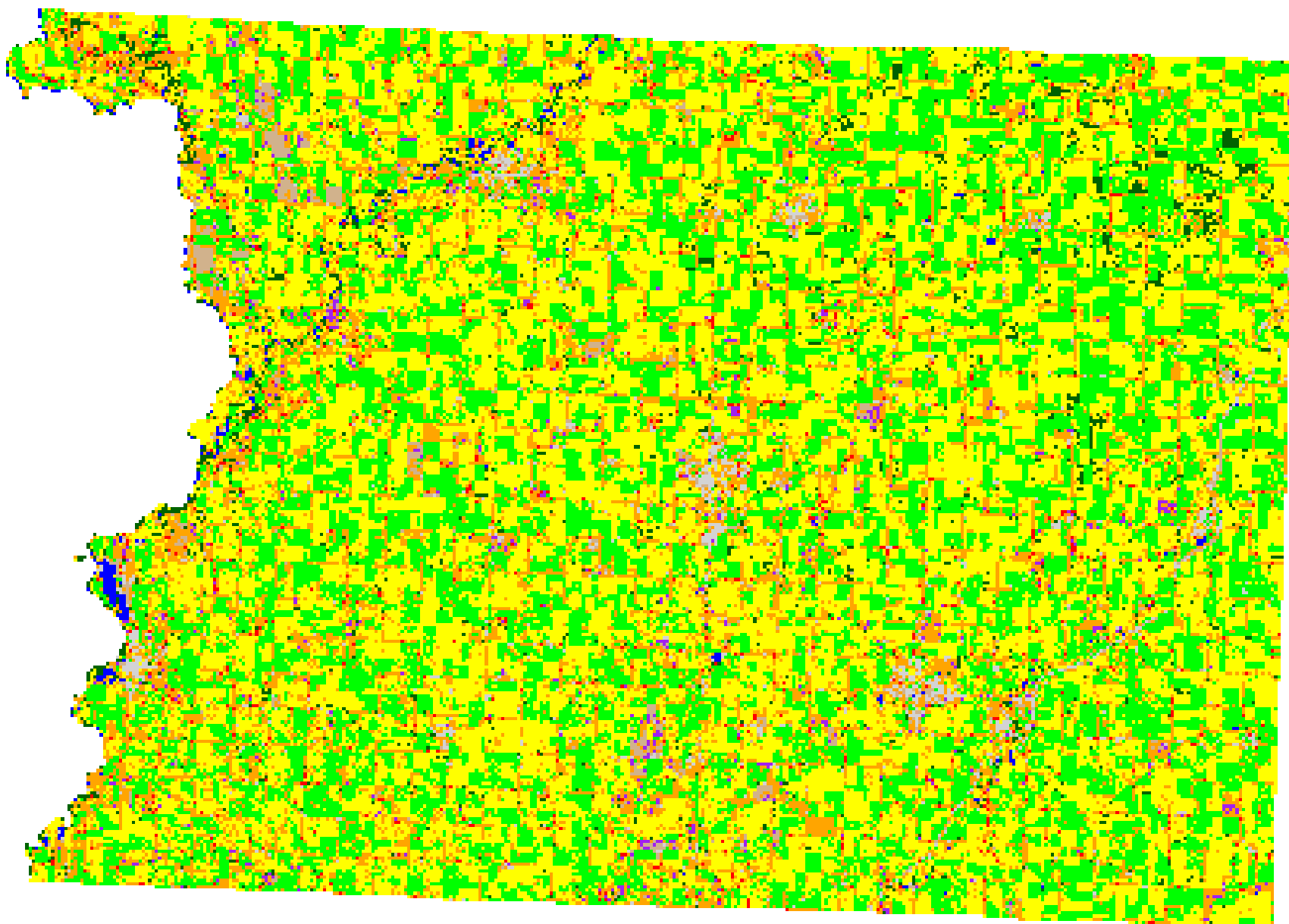
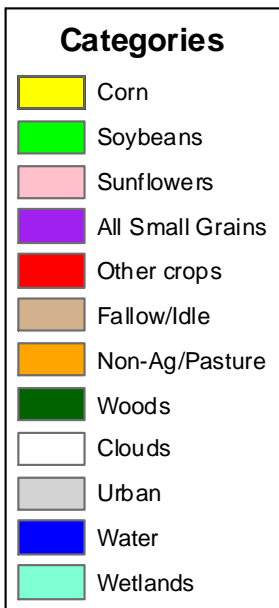
# 2005 Scott County, Iowa Cropland Data Layer



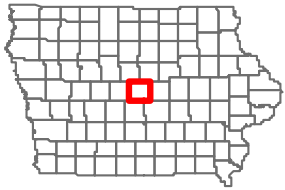
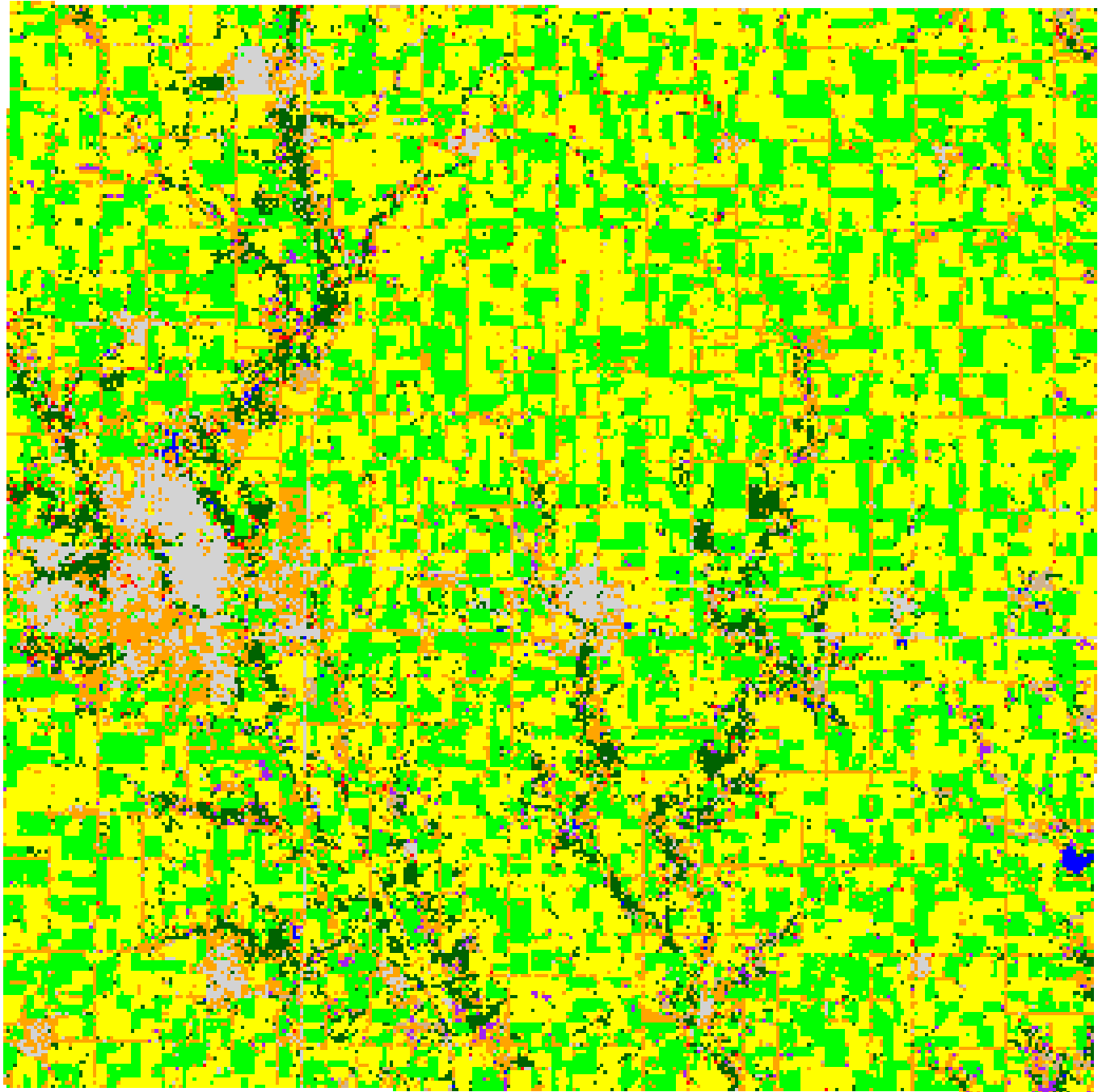
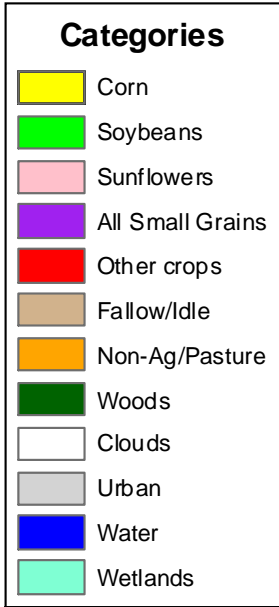
# 2005 Shelby County, Iowa Cropland Data Layer



# 2005 Sioux County, Iowa Cropland Data Layer

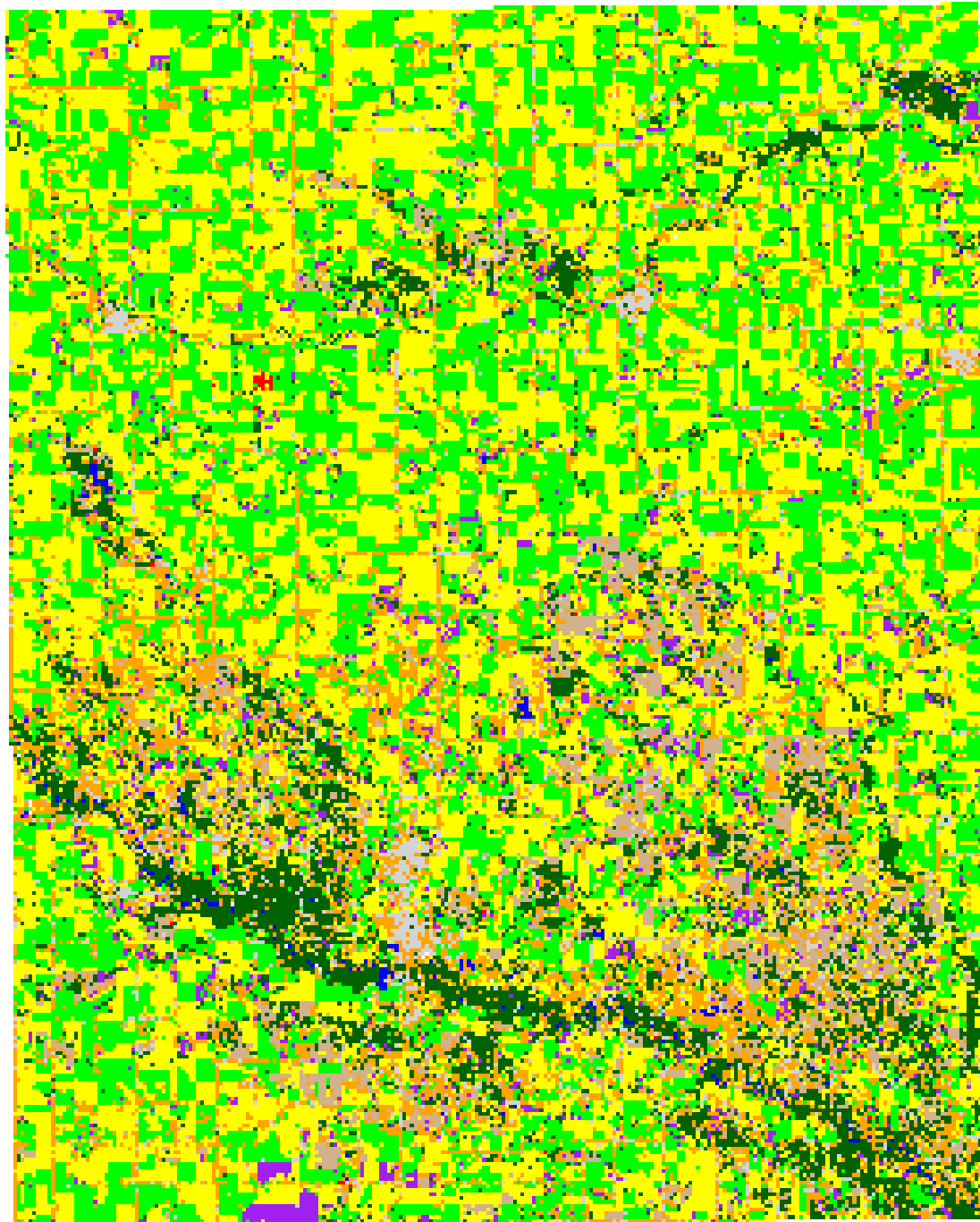
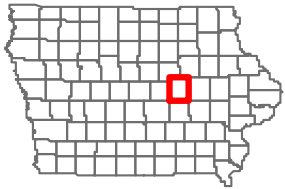
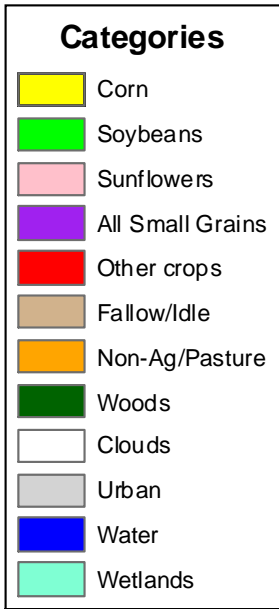


# 2005 Story County, Iowa Cropland Data Layer



0 1 2 4 Miles

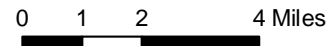
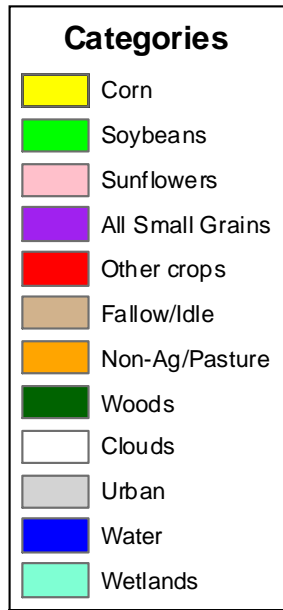
# 2005 Tama County, Iowa Cropland Data Layer



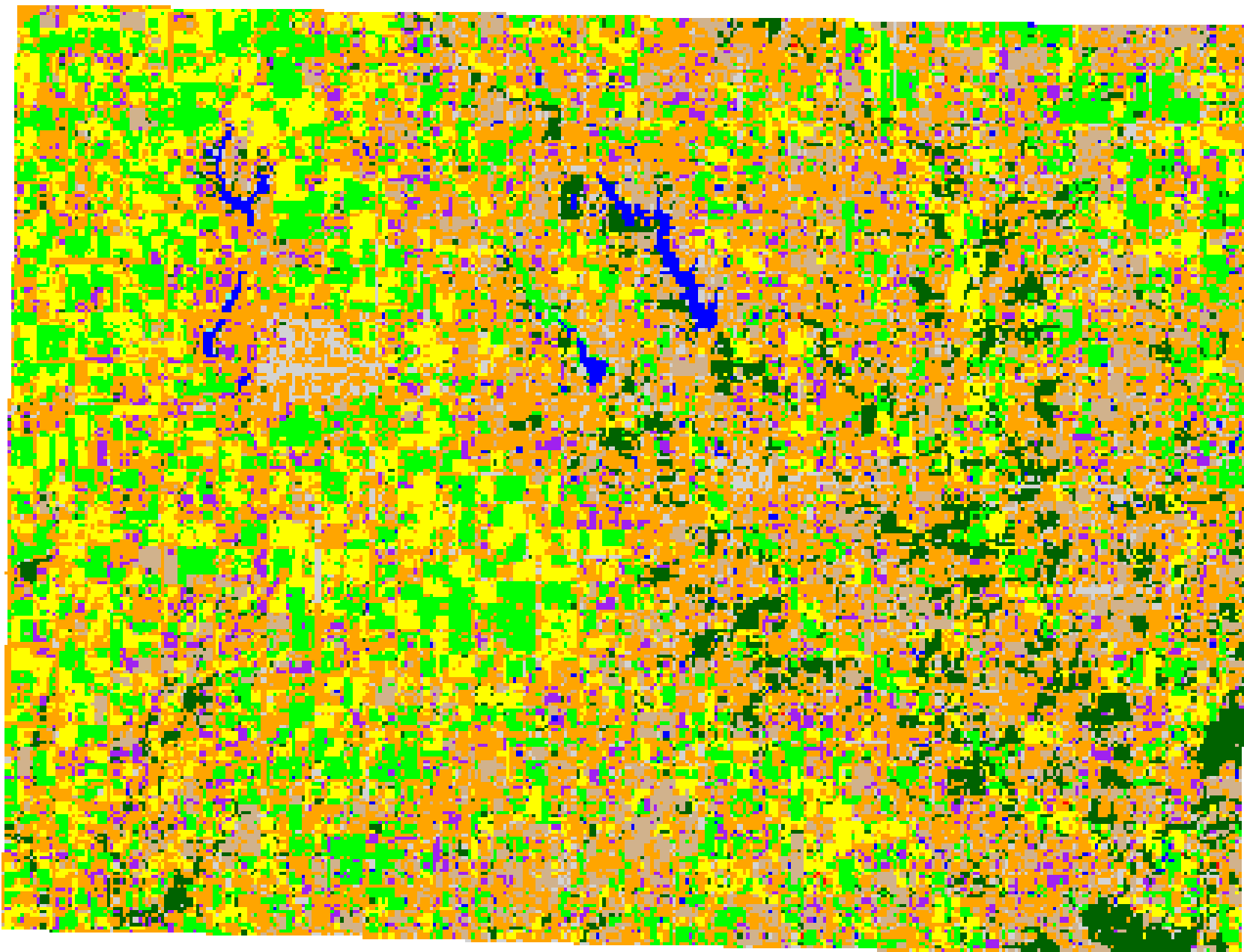
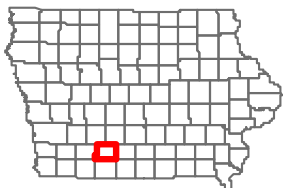
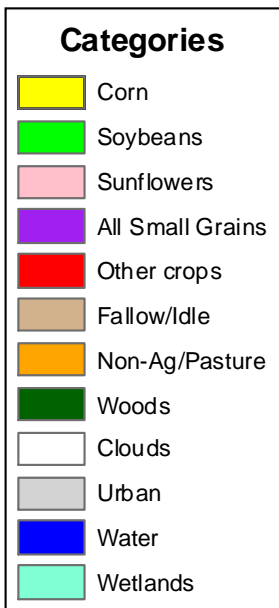
0 1 2 4 Miles



# 2005 Taylor County, Iowa Cropland Data Layer

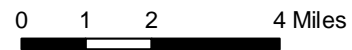
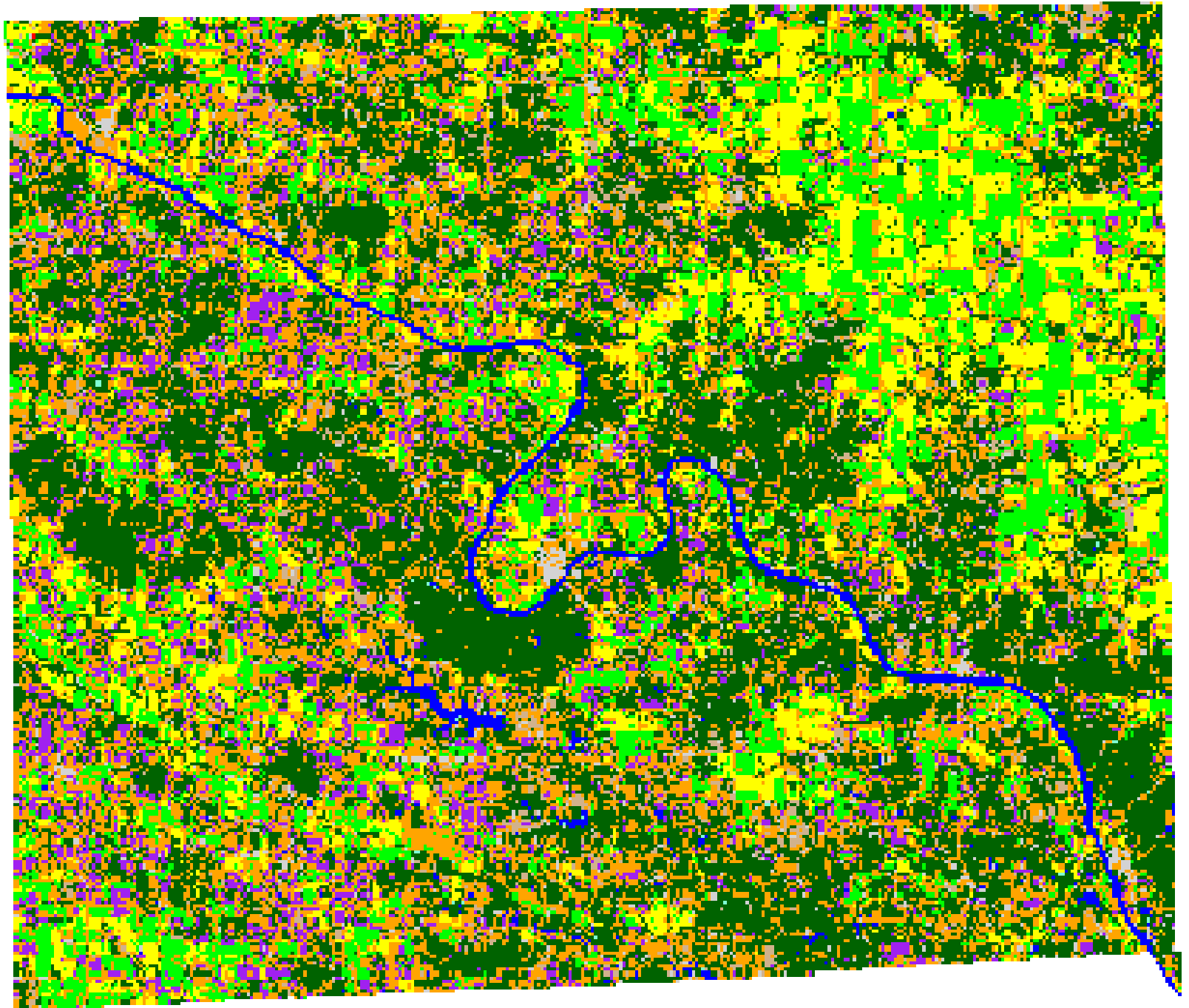
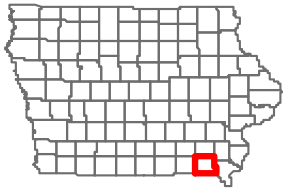
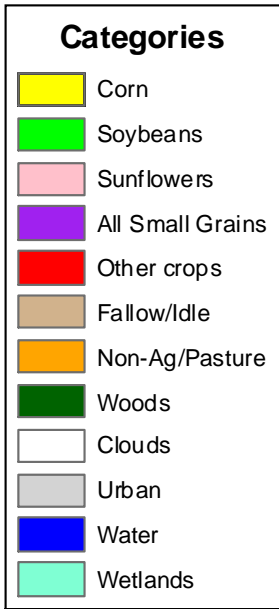


# 2005 Union County, Iowa Cropland Data Layer



0 1 2 4 Miles

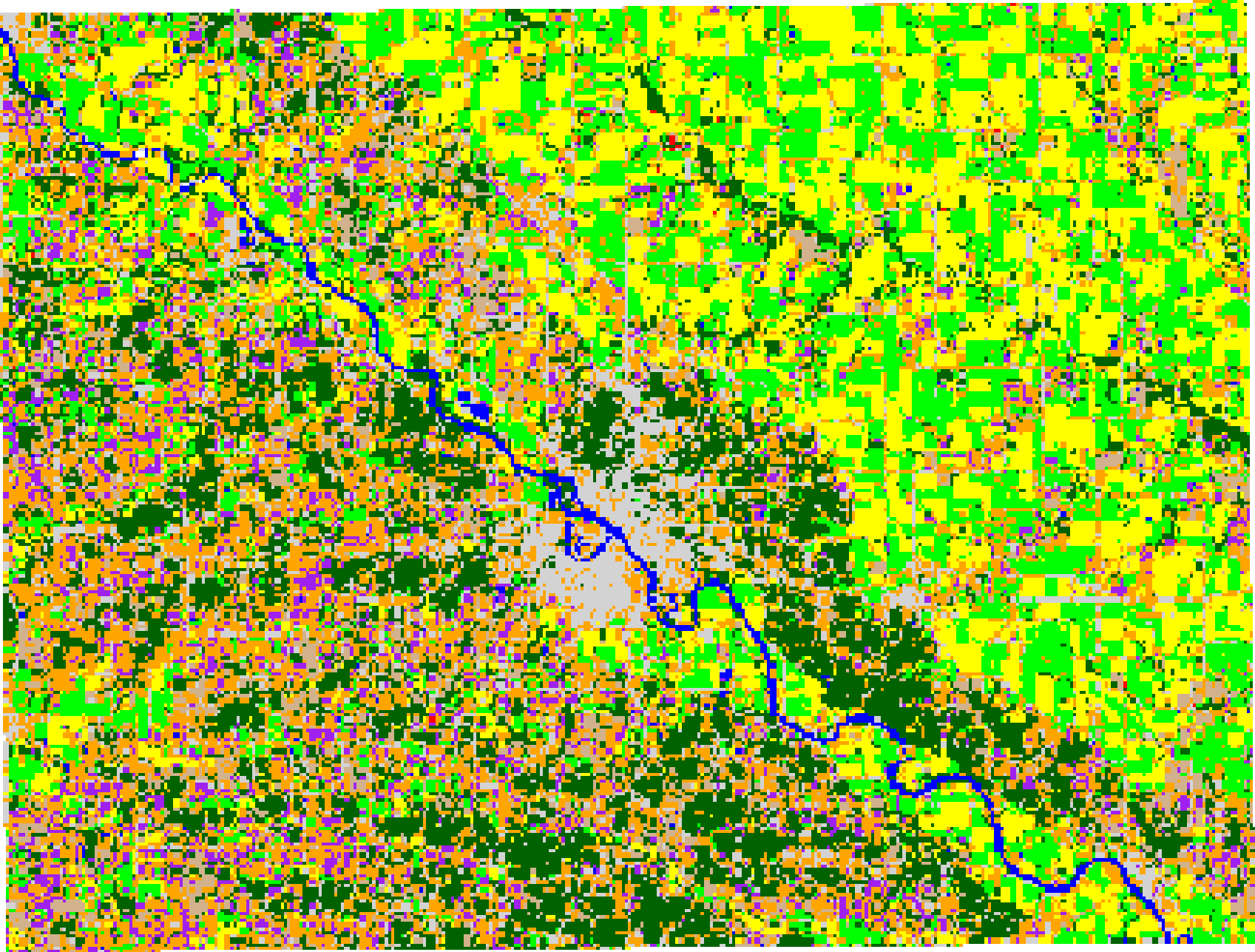
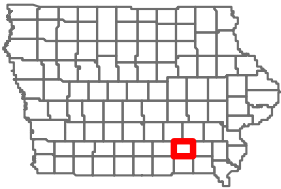
# 2005 Van Buren County, Iowa Cropland Data Layer



# 2005 Wapello County, Iowa Cropland Data Layer

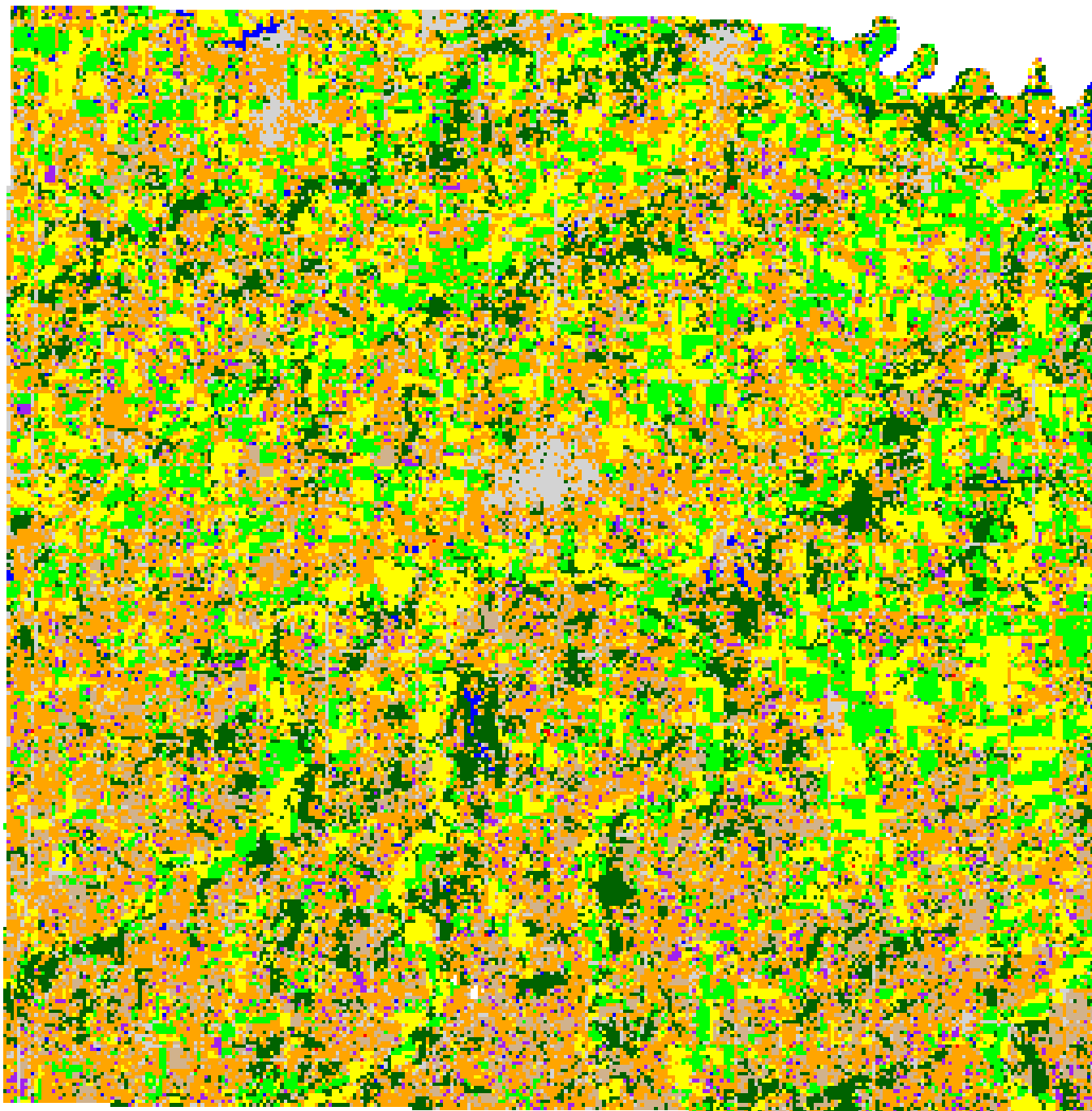
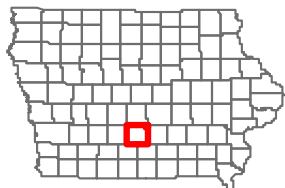
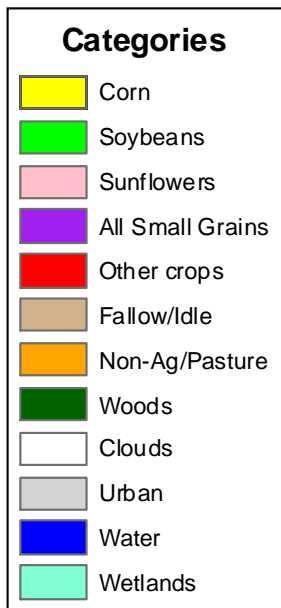
**Categories**

- Corn
- Soybeans
- Sunflowers
- All Small Grains
- Other crops
- Fallow/Idle
- Non-Ag/Pasture
- Woods
- Clouds
- Urban
- Water
- Wetlands



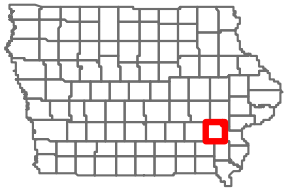
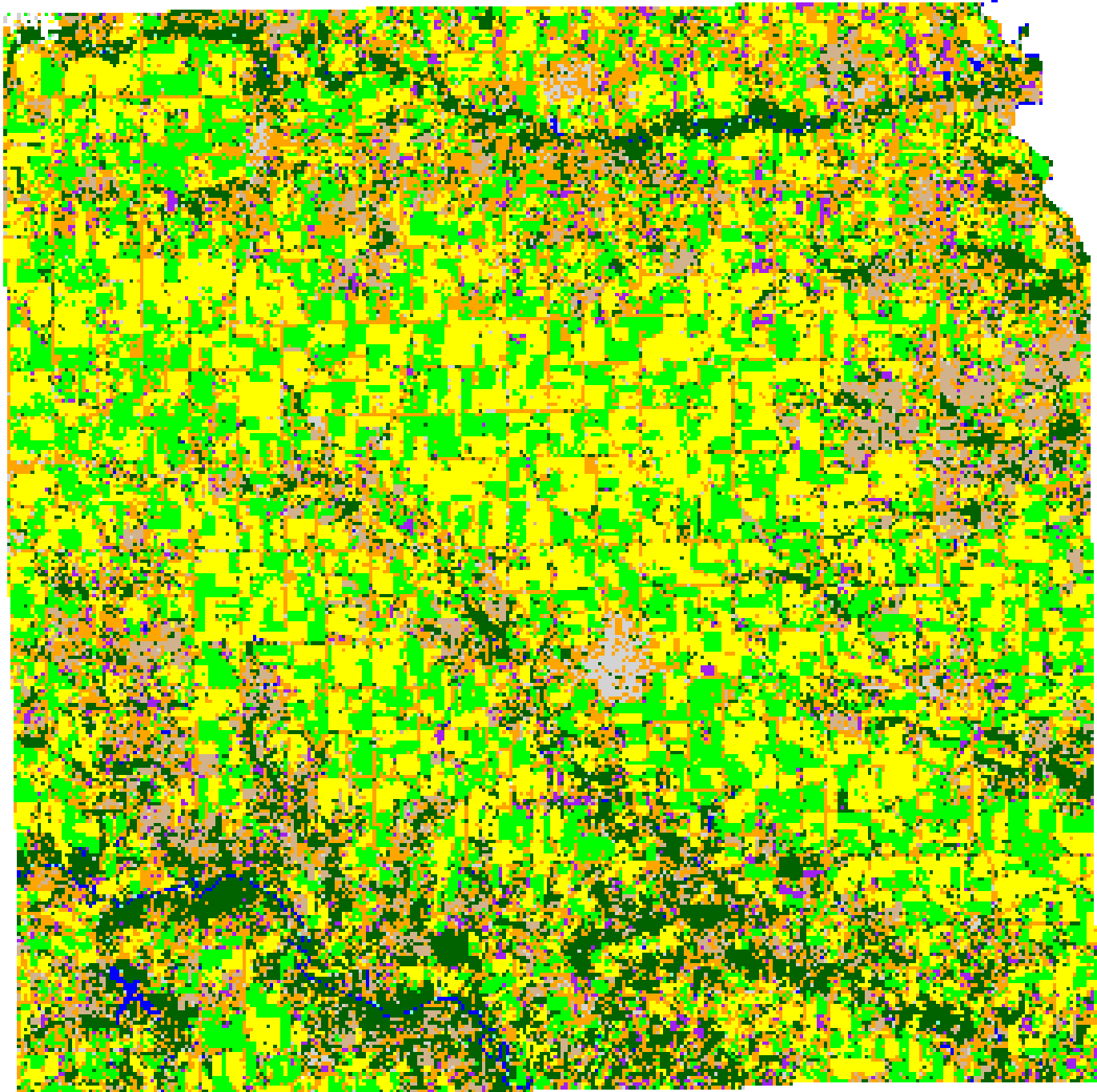
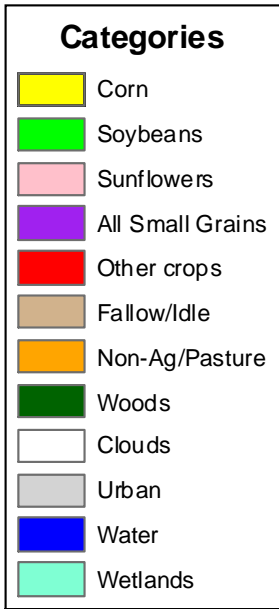
0 1 2 4 Miles

# 2005 Warren County, Iowa Cropland Data Layer



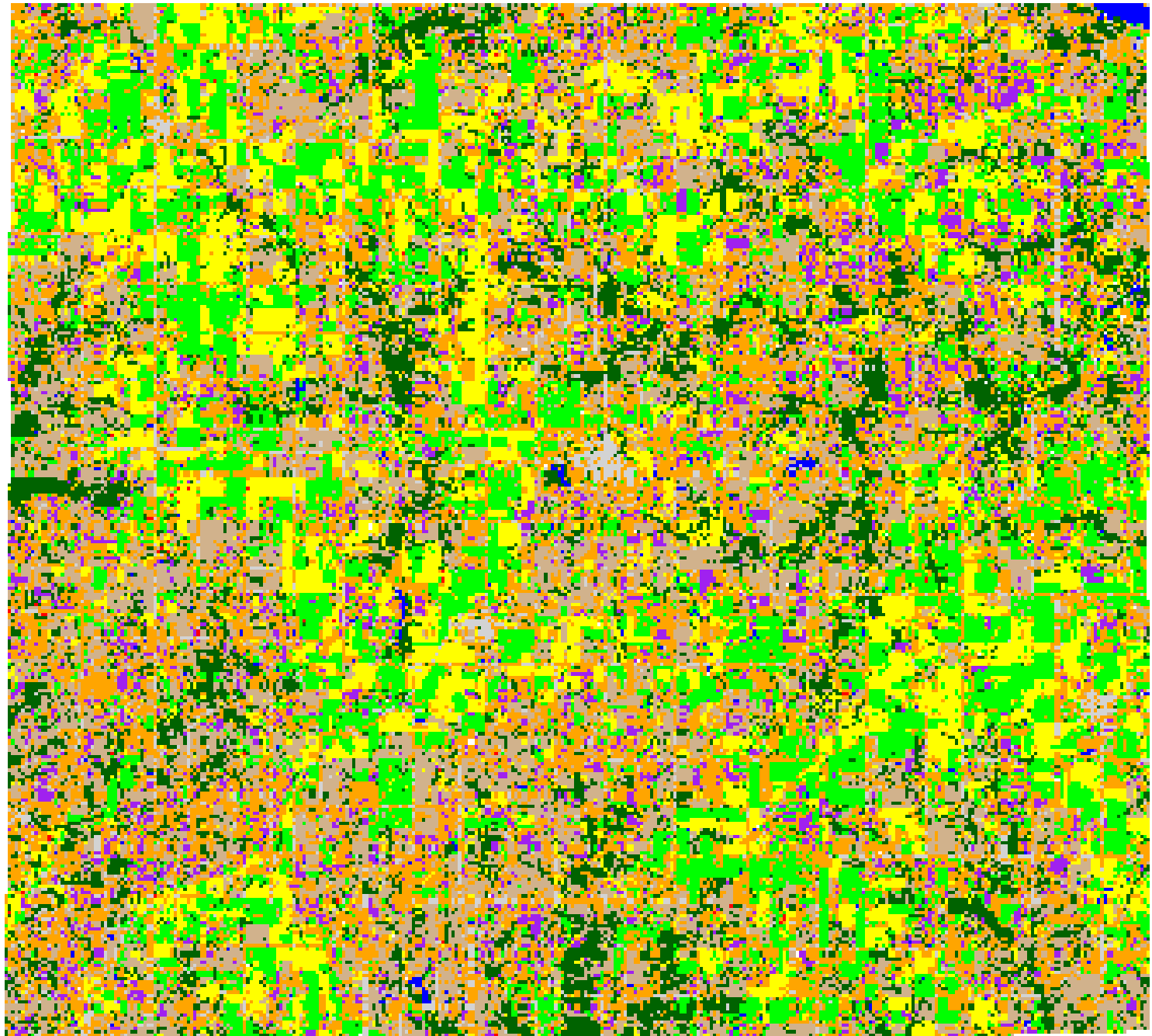
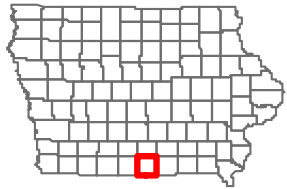
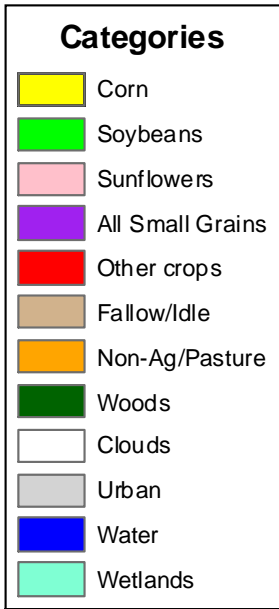
0 1 2 4 Miles

# 2005 Washington County, Iowa Cropland Data Layer



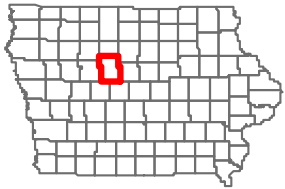
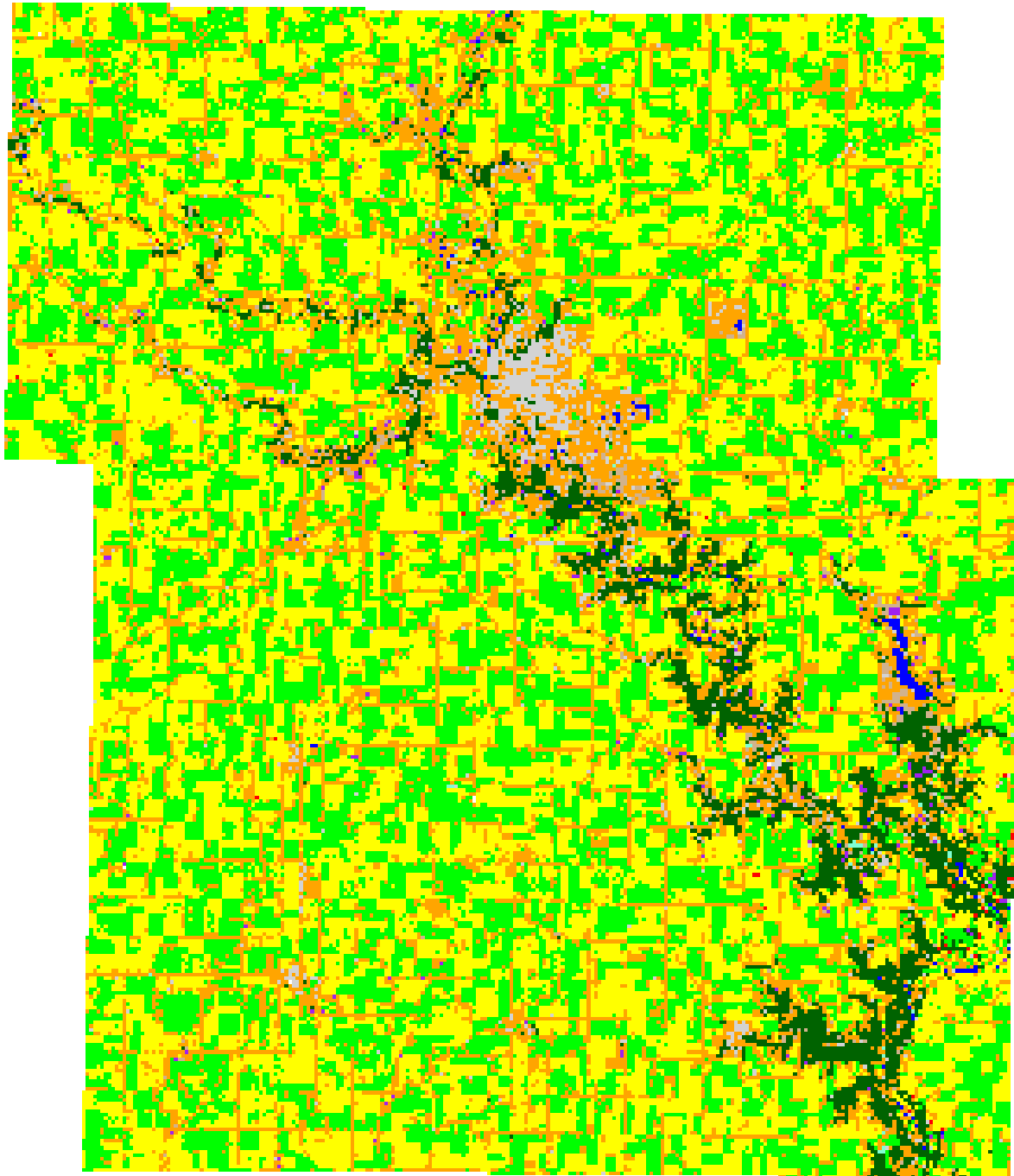
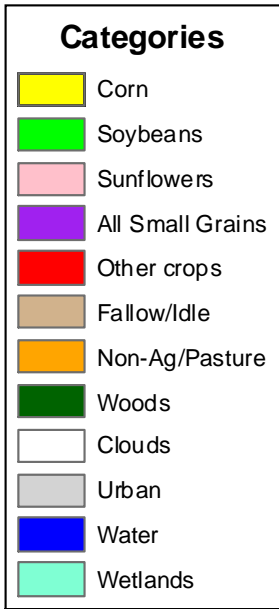
0 1 2 4 Miles

# 2005 Wayne County, Iowa Cropland Data Layer



0 1 2 4 Miles

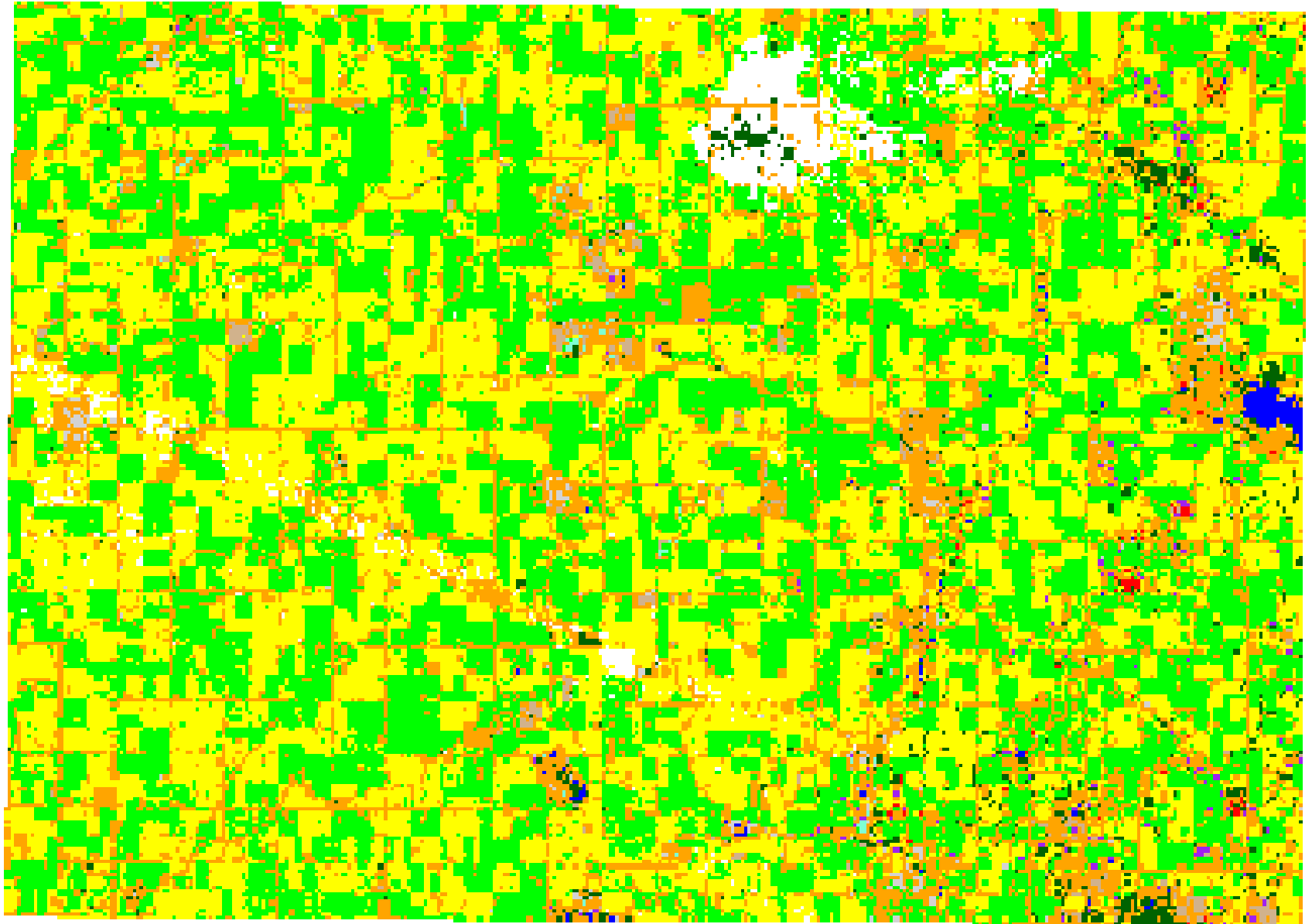
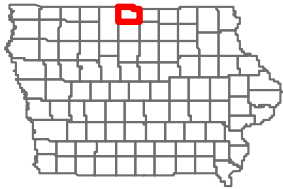
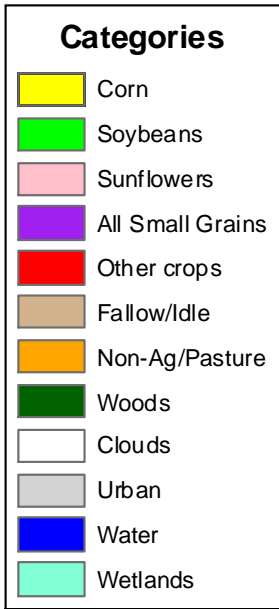
# 2005 Webster County, Iowa Cropland Data Layer



0 1 2 4 Miles

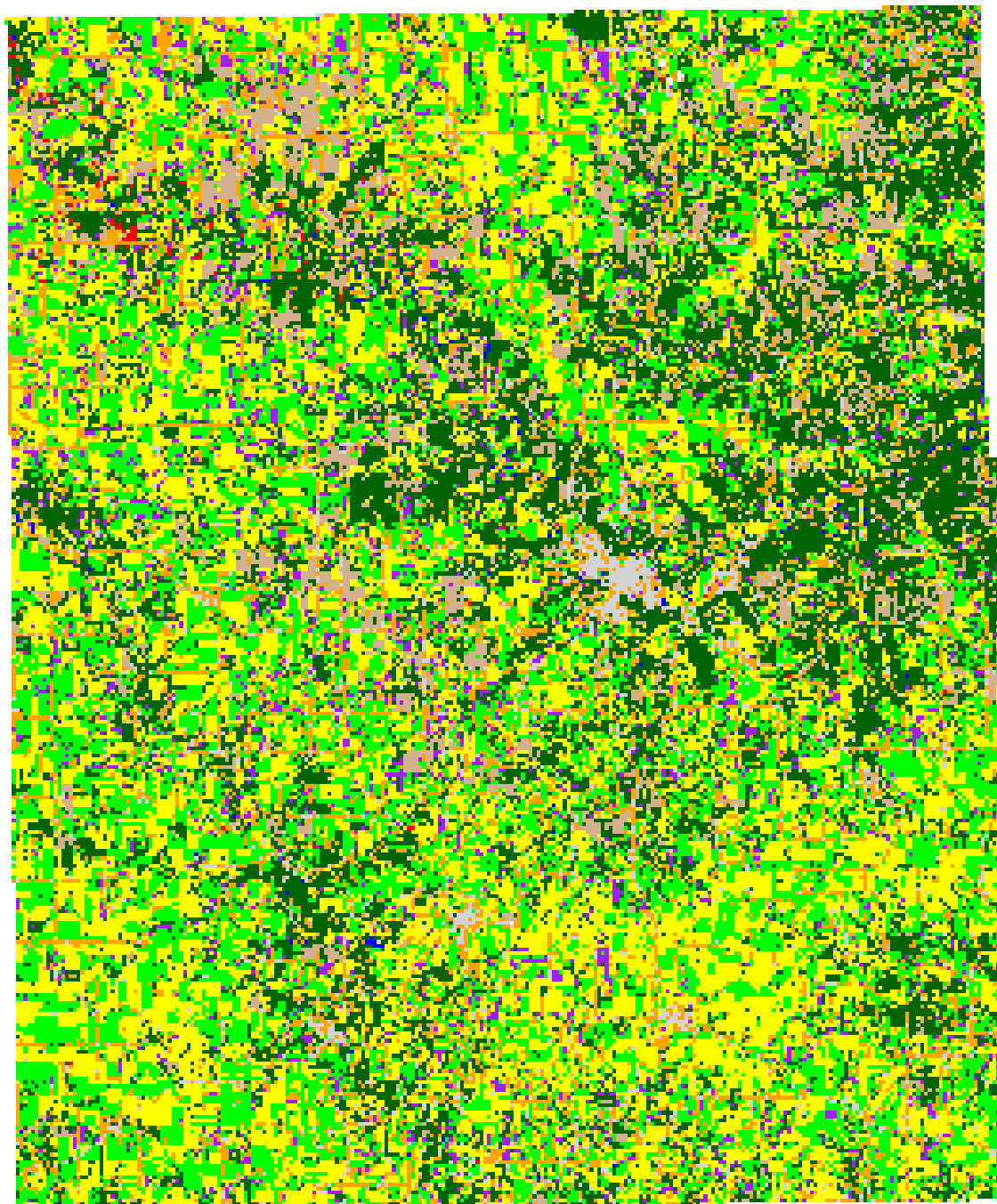
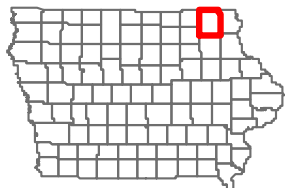
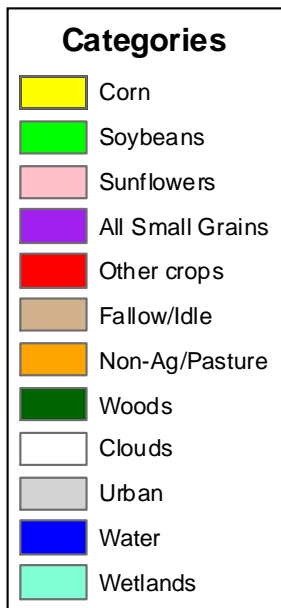


# 2005 Winnebago County, Iowa Cropland Data Layer



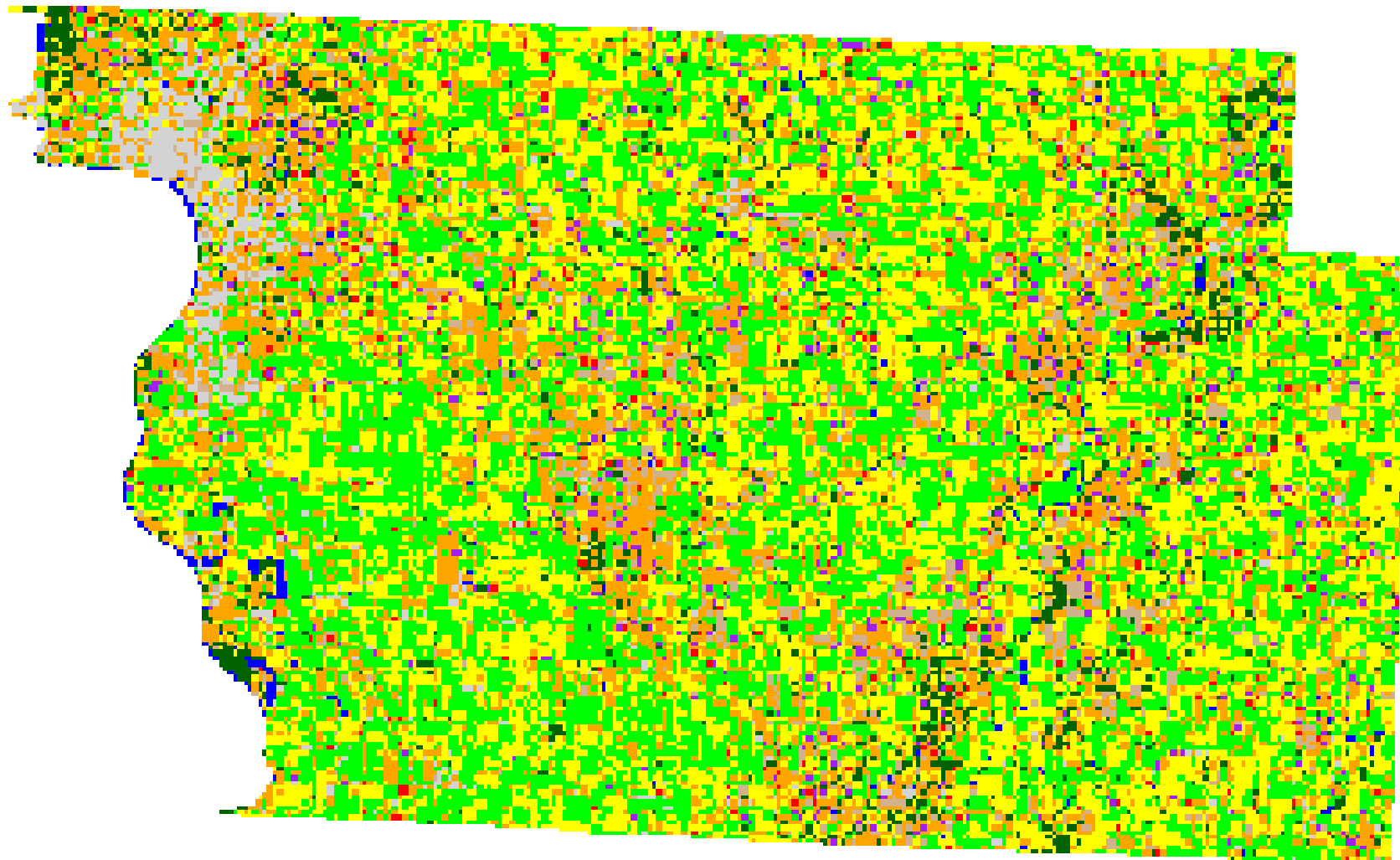
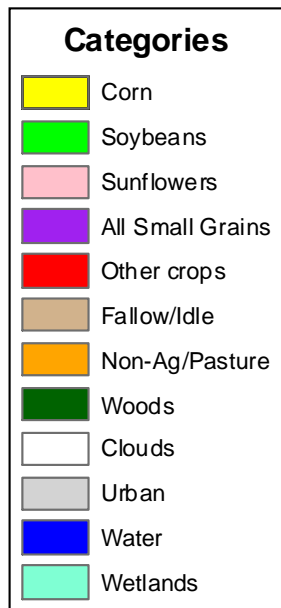
0 1 2 4 Miles

# 2005 Winneshiek County, Iowa Cropland Data Layer



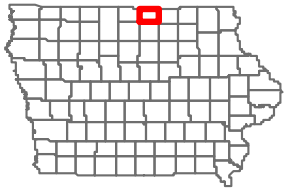
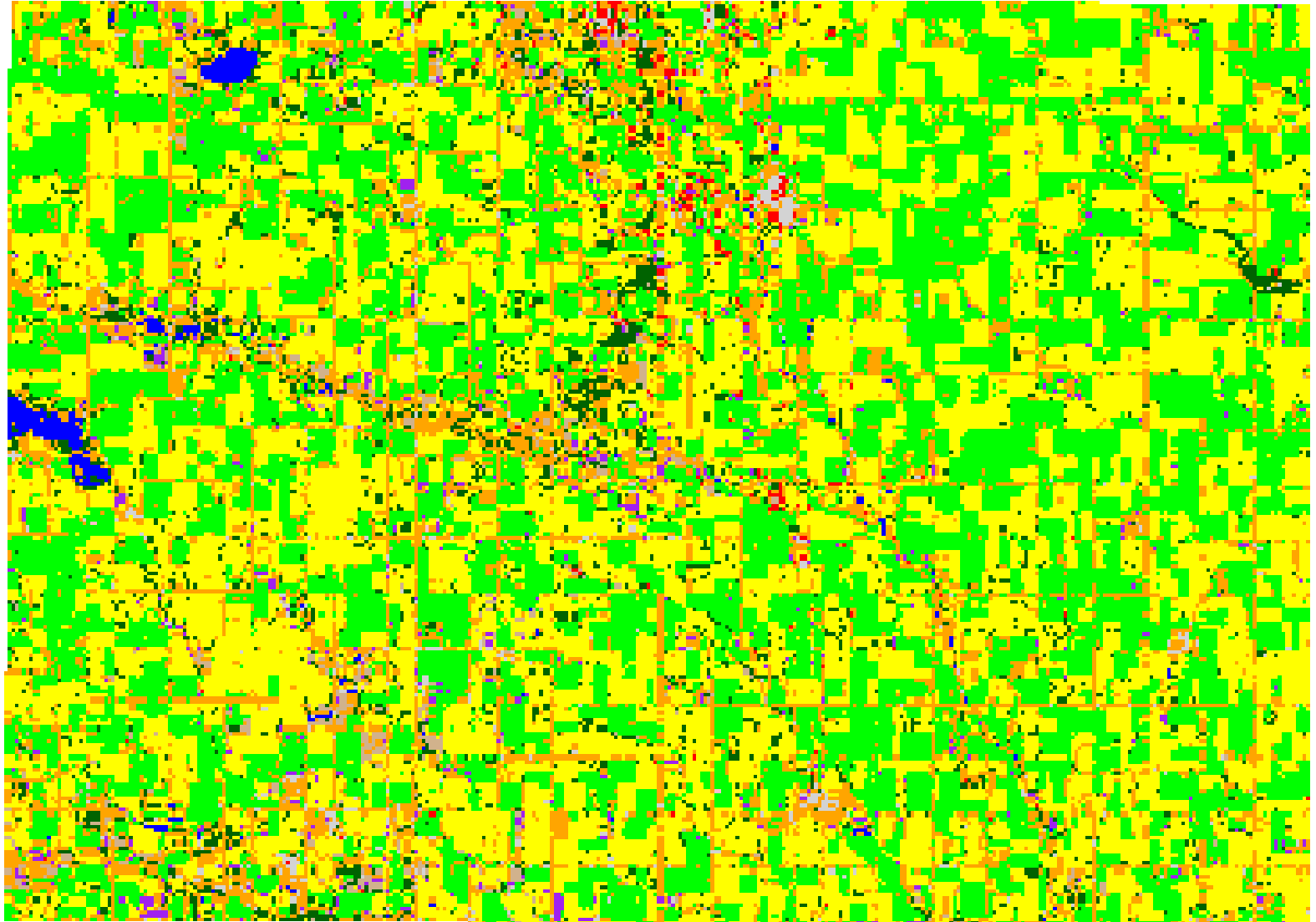
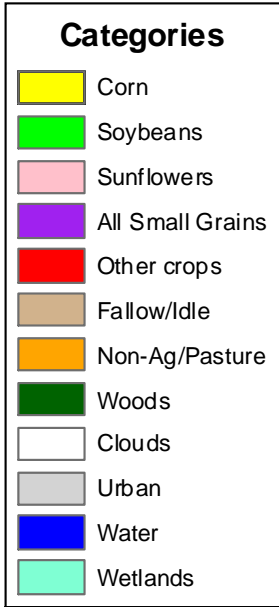
0 1 2 4 Miles

# 2005 Woodbury County, Iowa Cropland Data Layer



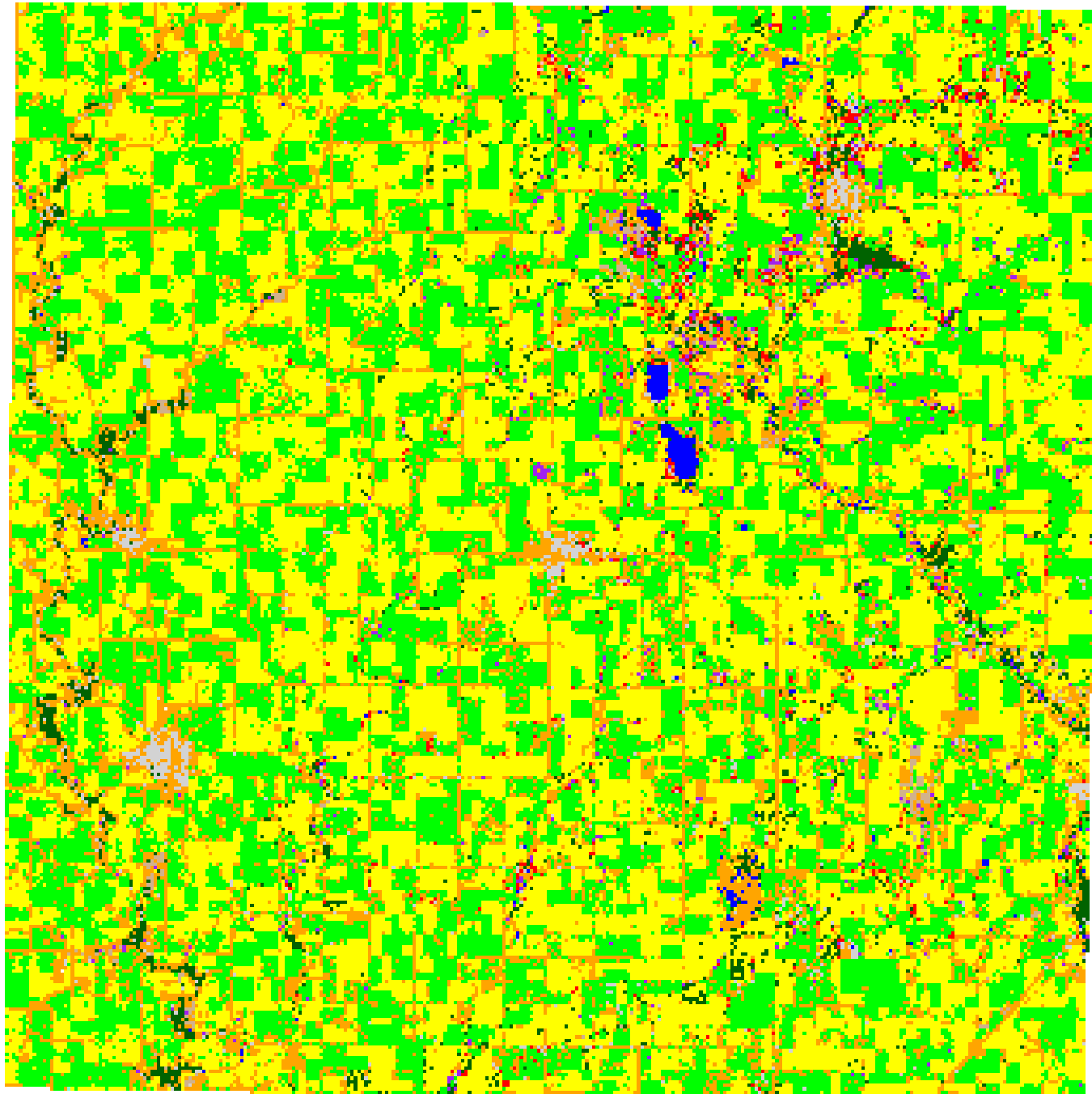
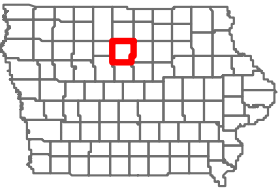
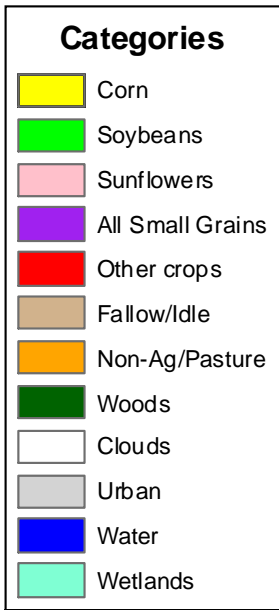
0 1 2 4 Miles

# 2005 Worth County, Iowa Cropland Data Layer



0 1 2 4 Miles

# 2005 Wright County, Iowa Cropland Data Layer



0 1 2 4 Miles