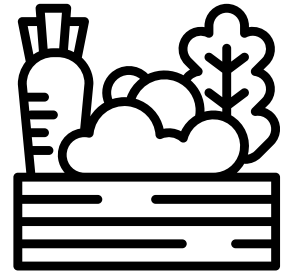
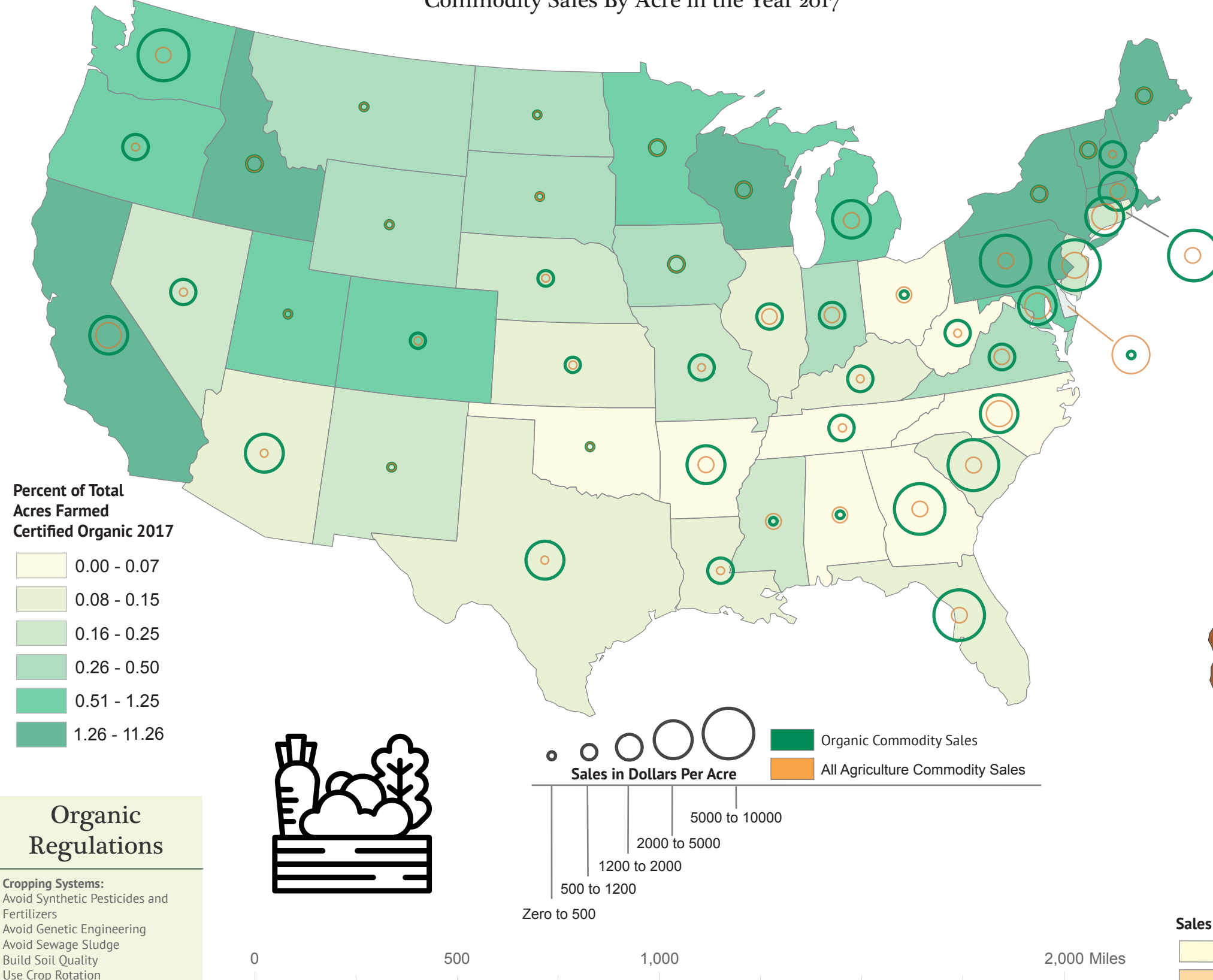


Total Agricultural Commodity Sales Compared to Organic Commodity Sales By Acre in the Year 2017



Organic Regulations

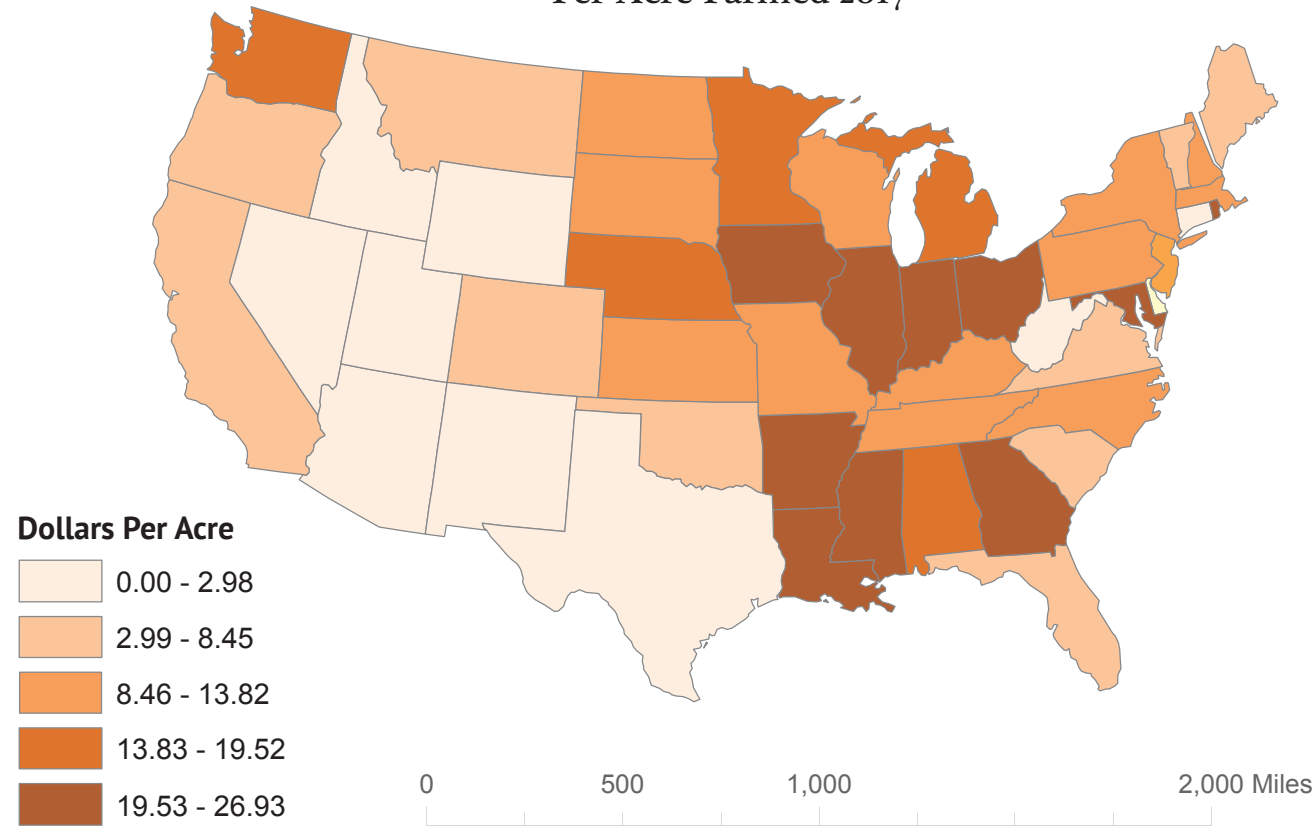
- Cropping Systems:**
 Avoid Synthetic Pesticides and Fertilizers
 Avoid Genetic Engineering
 Avoid Sewage Sludge
 Build Soil Quality
 Use Crop Rotation
- Livestock Systems:**
 Avoid Antibiotics and Growth Hormones
 Accommodate Natural Nutritional and Behavioral Needs
 Provide Organic Feed
 Vaccinate Livestock

Government Payments Recorded on the USDA Agricultural Census

- Government Payment Information is Separated into Two Categories
- Dollars From Conservation Reserve, Wetlands Reserve, Farmable Wetlands and Conservation Reserve Programs**
- Dollars From Other Federal Farm Programs**
- Other Federal Farm Programs Include
- 12 Farm Loan Programs
 - 11 Conservation Programs
 - 9 Disaster Assistance Programs
 - 4 Energy Programs
 - Organic Certification Cost Share
 - Cotton Ginning Cost Share

In 2017 Total Government Payments for the U.S. was \$8,943,574,000
 Payments toward Conservation Programs was \$1,661,505,000

Total Government Payments Per Acre Farmed 2017



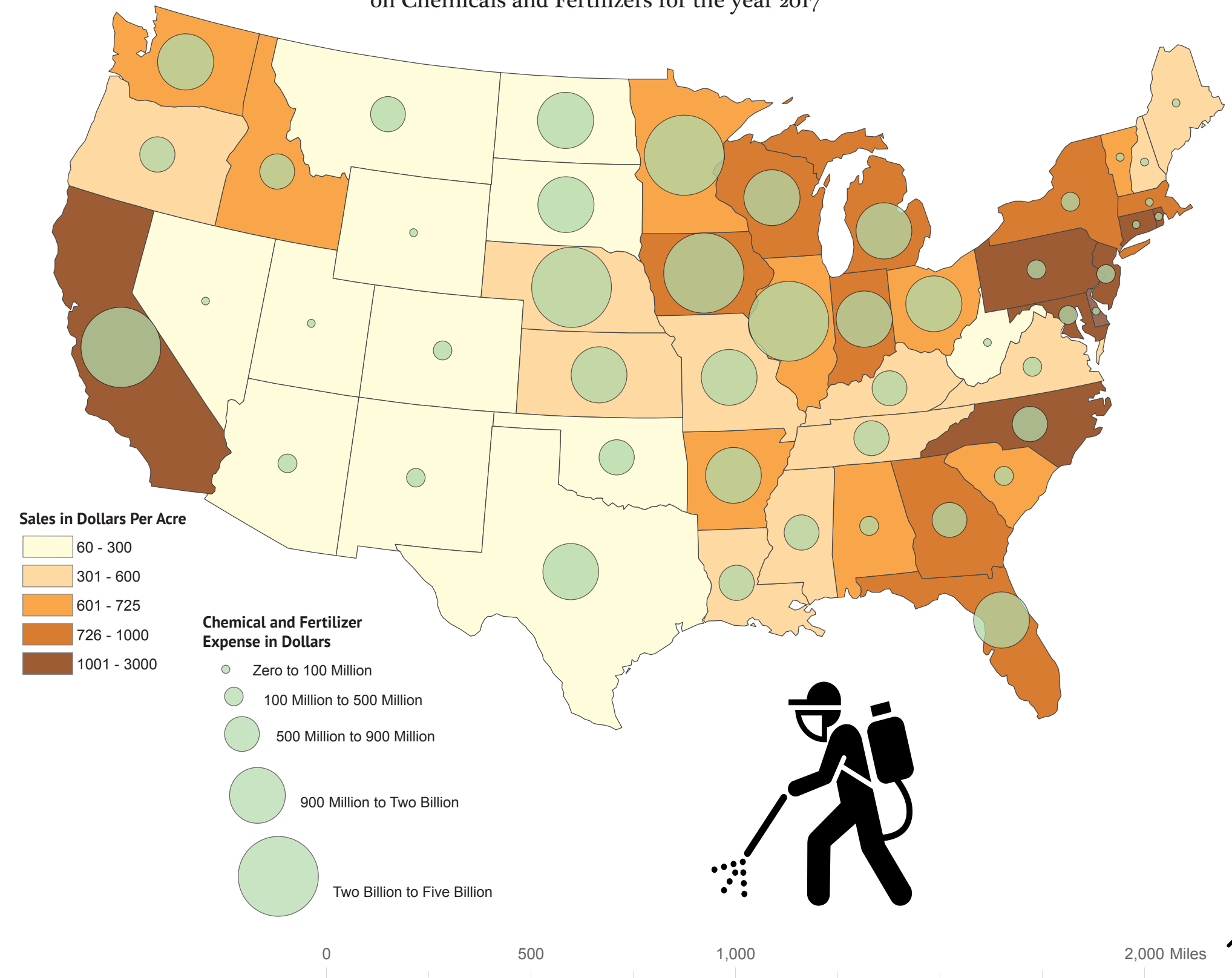
Shape File: Natural Earth
 Projection: North America Albers Equal Area Conic
 Parameters: CM - 96
 SP 33 and 45
 Scale: 1: 15,000,000 and 1:31,000,000

Data From: United States Department of Agriculture Farm Service Agency
 National Agriculture Service
 2017 Agriculture Census
 2016 Certified Organics Survey
 Economic Research Service

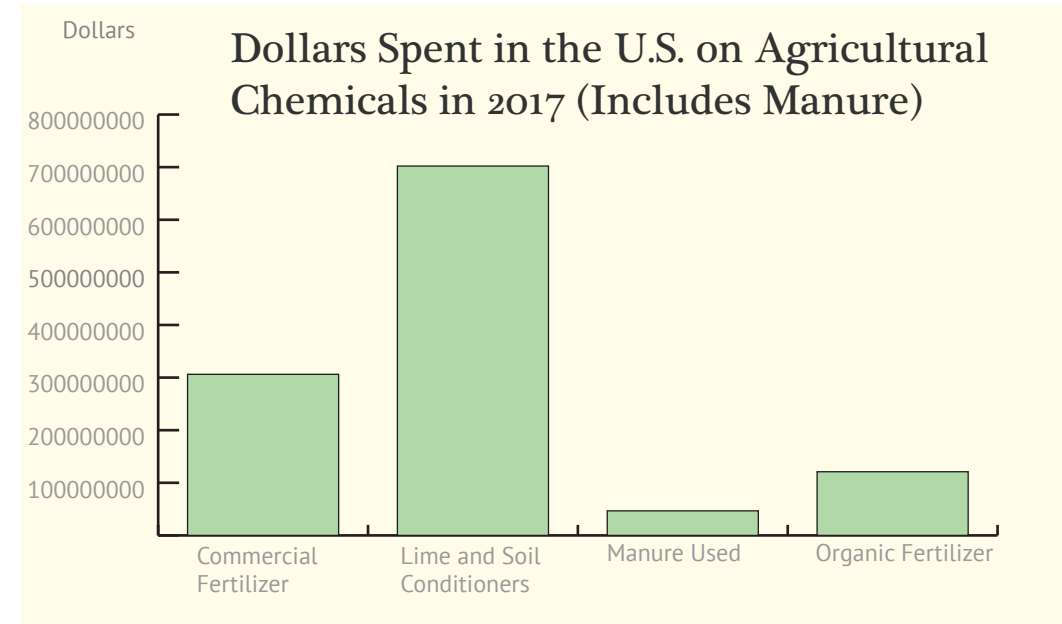
Is There Enough Financial Incentive For American Farmers to Shift Into Organics

Organic products yeild premium prices and demand for these products has increased steadily. Chemical applications are more expensive and less effective each year. Government programs are available to offest initial costs to transition into organic practices. What will be enough to convince farmers to make the switch to organic?

Total Agricultural Commodity Sales By Acre Farmed Compared with Dollars Spent on Chemicals and Fertilizers for the year 2017



Dollars Spent in the U.S. on Agricultural Chemicals in 2017 (Includes Manure)



“The retail market for organic products was valued at \$39.1 Billion by the Organic Trade Association in 2015 and continues to grow”--USDA, Farm Service Agency