



### A Good Starting Point: State Performance Standards

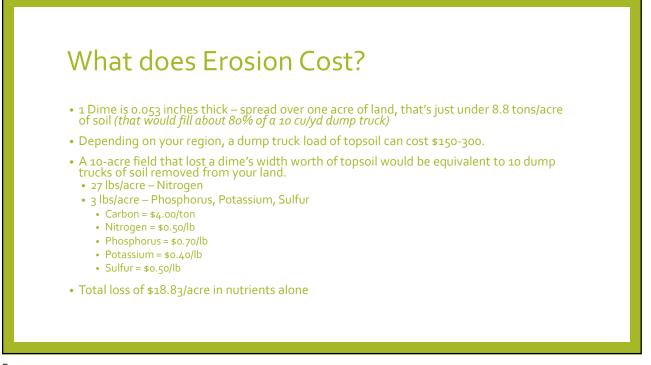
- Wisconsin adopted administrative rules in 2002 (NR 151), with revisions effective in 2011 that set statewide performance standards and prohibitions for all Wisconsin farms.
- These are considered minimum conservation standards meant to protect land and water resources while maintaining productive farmland
- All landowners must comply with these standards and prohibitions.
- Cost-share funding may be available to assist with compliance.
- Some state and local programs may require compliance whether or not cost-share funds are available.
  - Farmland Preservation
  - County Ordinances

3

### **Tolerable Soil Loss**

Wikipedia: Maximum average annual soil loss expressed as tons per acre per year that will permit current production levels to be maintained economically and indefinitely.













# Tillage Setbacks

- Consider requiring a 5-20 foot setback
- Conservation Reserve Enhancement Program (CREP)



## Nutrient Management

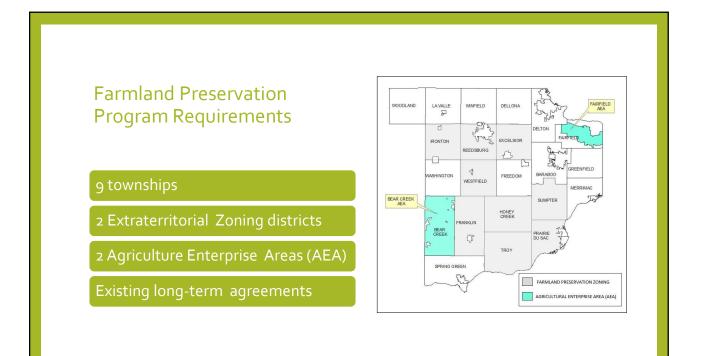
Nutrient Management plans are required on all land where manure or commercial fertilizer are applied

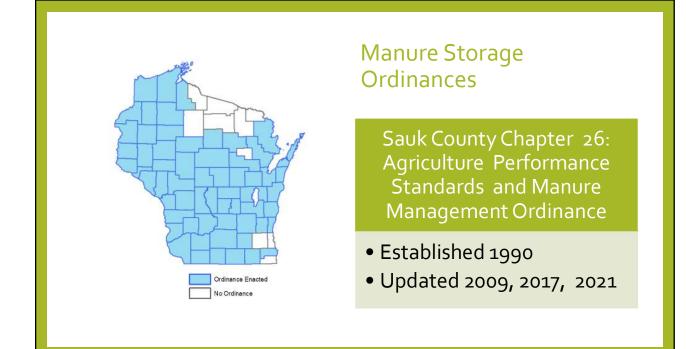
Farmland Preservation Program

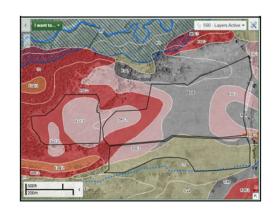
Manure Storage

Local Ordinances



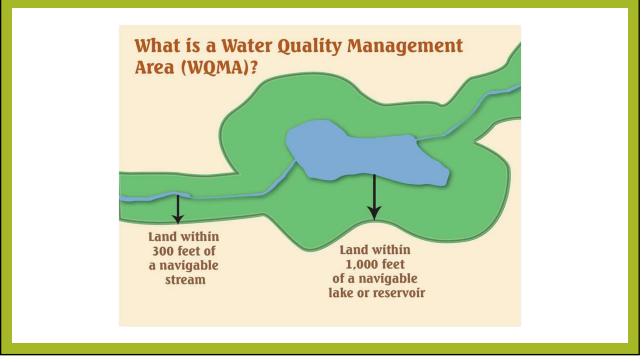






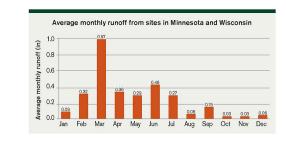
### Nutrient Management

- Nutrient Management plans can act as conservation plans
- Meet tolerable soil loss
- Address gully erosion
- Routine soil sampling
- Avoid sensitive areas (i.e. WQMAs)





## Limitations on winter manure spreading







## Livestock Management



Clean Water Diversions Near WQMAs



Unlimited Livestock Access to Streams



Unconfined Manure Piles near WQMAs

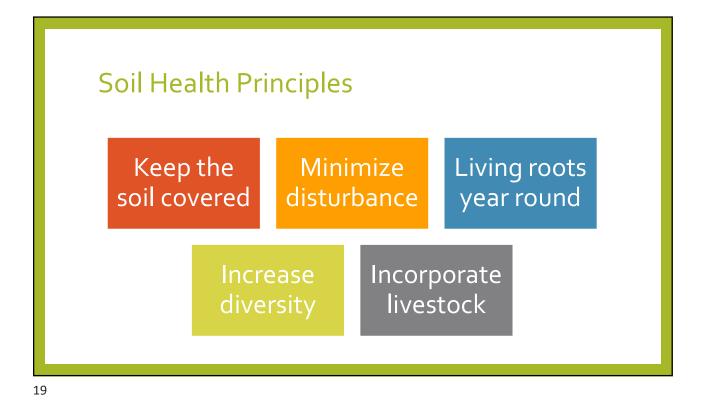


Runoff from Feedlots & Manure Storage



## Other Considerations

Fall nitrogen applications Fall tillage Fall terminated alfalfa Soil health







#### Healthy soils can...

- Reduce pest pressures
- Provide supplemental feed for livestock
- Protect surface and groundwater resources
- Provide habitat for birds, pollinators, and other wildlife species



#### Local Resources

- UW-Madison Division of Extension
- Land Conservation Departments (County)
- Natural Resources Conservation Service (Federal)
- Farm Service Agency (Federal)



