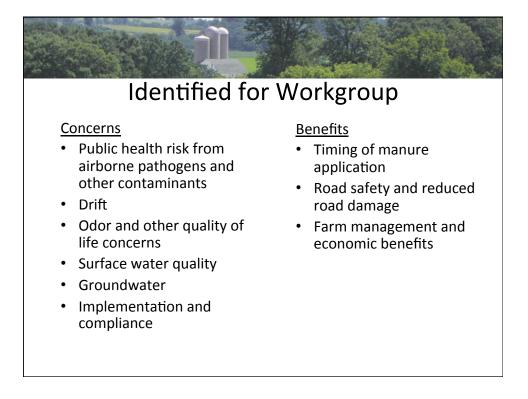
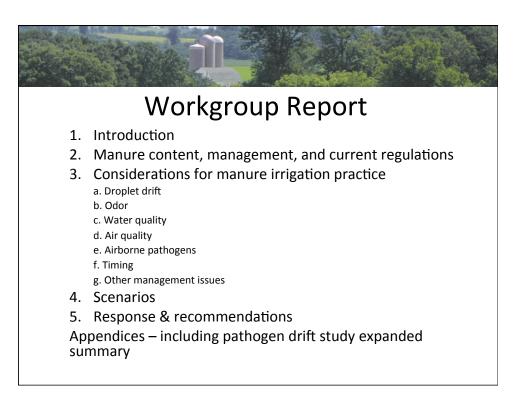
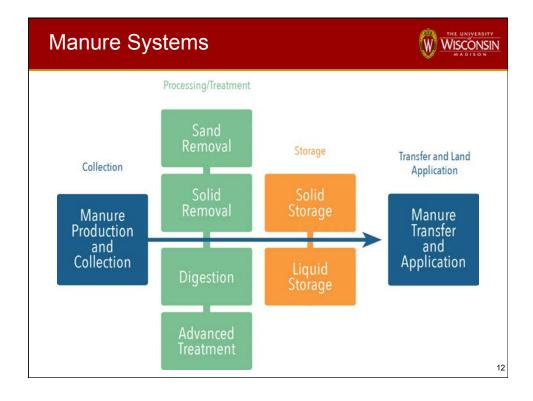


Manure Irrigation Workgroup	
UW-Madison/Extension (3) USDA-ARS (1) USDA-NRCS (1) WDNR (2) WDATCP (1) WDHS (2)	County Health Departments (2) Dairy Farmers (3) Professional agronomist (1) Nutrient applicator (1) Organic Farmer/concerned citizen (1 Wisconsin Land+Water Assoc (1)
Public Forums May 2013	



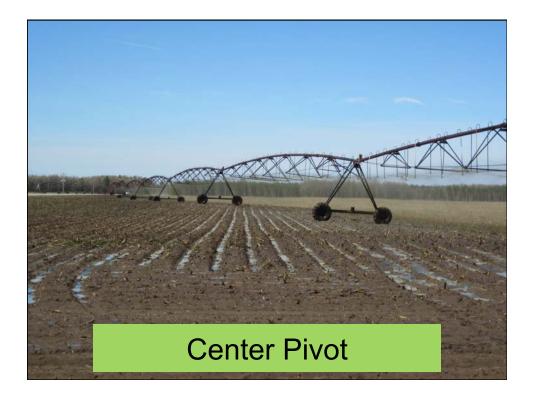






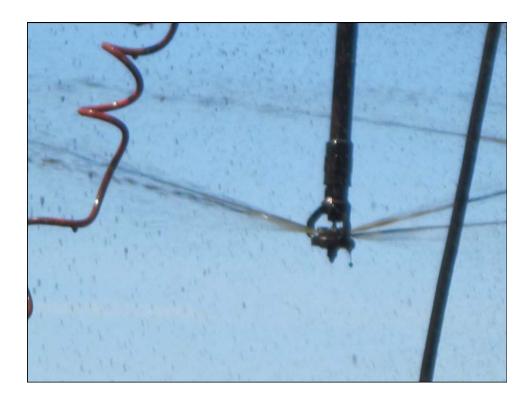




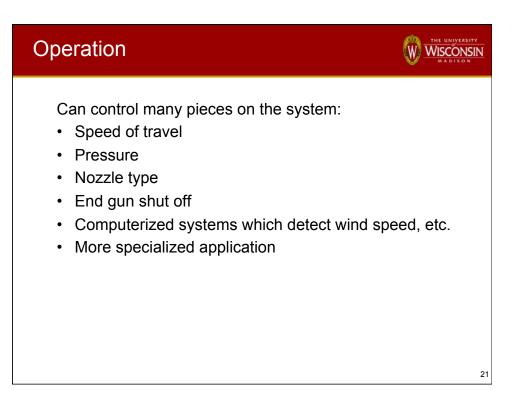


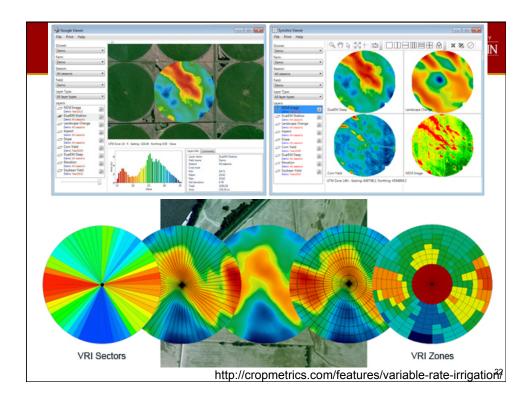


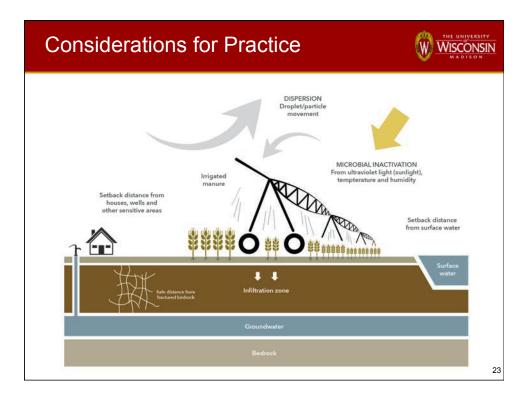


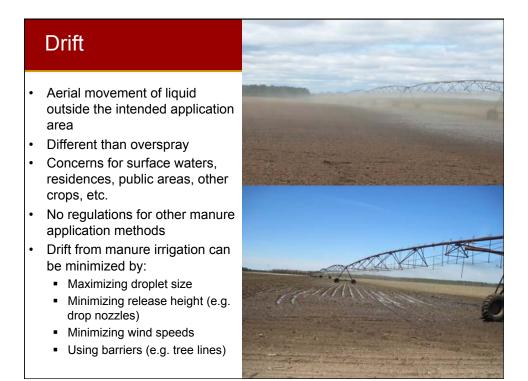












## Odor



WISCONSIN

- Odor perception is variable
- Manure odors can be from 300+ compounds
- Great citizen concern for odors
  produced
- Odor will be generally be greater for manure irrigation systems compared to other application methods
- Odor mitigation
  - Dispersion (winds greater than 5mph)
  - Edge of field barriers
  - Consideration of neighbors
  - Proximity to receptors
  - Manure processing
  - Large droplets



# Water Quality

- Concerns for runoff and impact to groundwater
- May decrease runoff and leaching due reduced volume applied for each application period
- Need to apply to current regulations including NRCS CPS 590
- Issues with compliance/ monitoring and enforcement



http://passel.unl.edu/pages/ informationmodule.php? idinformationmodule=1088801071&topicor der=14&maxto=16

