

Craig Oehmichen

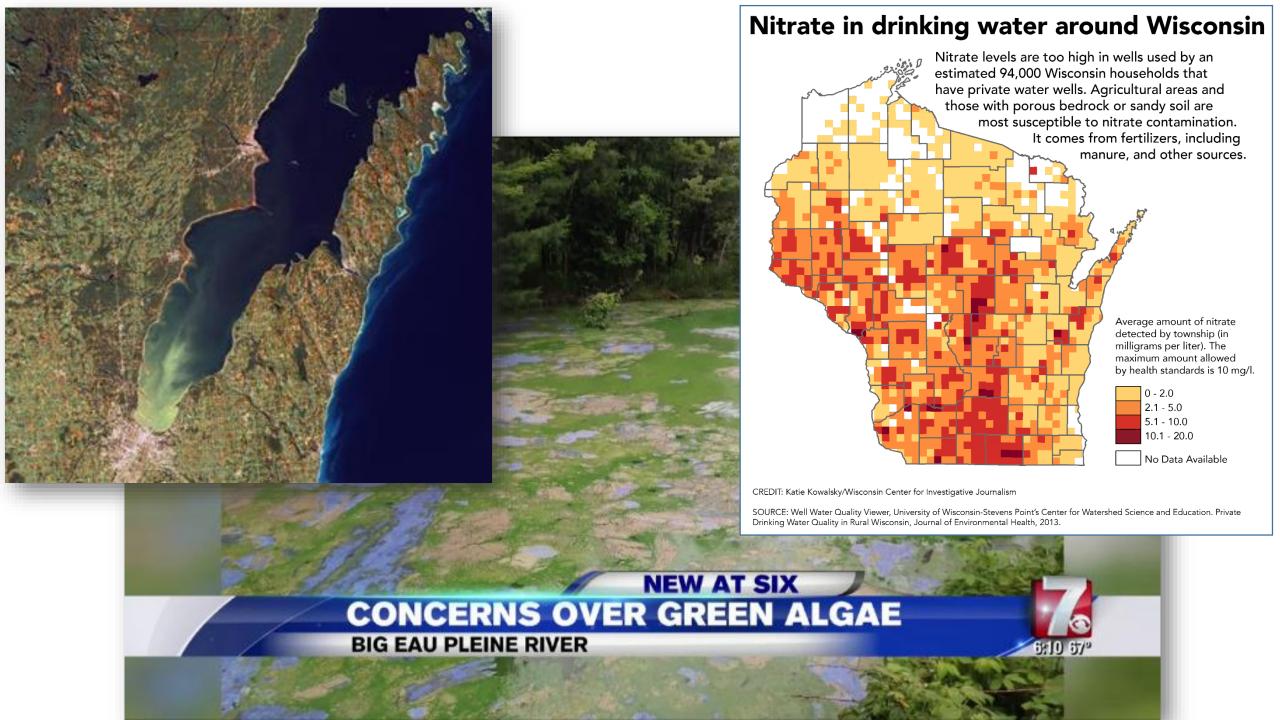
CEO Short Lane Ag Supply LLC Advisory board member of EPPIC Farmer

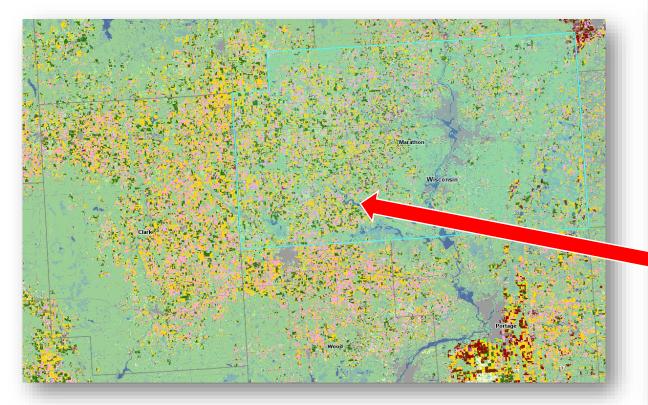
Jason Cavadini

Assistant Superintendent UW-Ag Research Founder of EPPIC, Central Wis. No-Tillers Farmer









≻Corn Silage

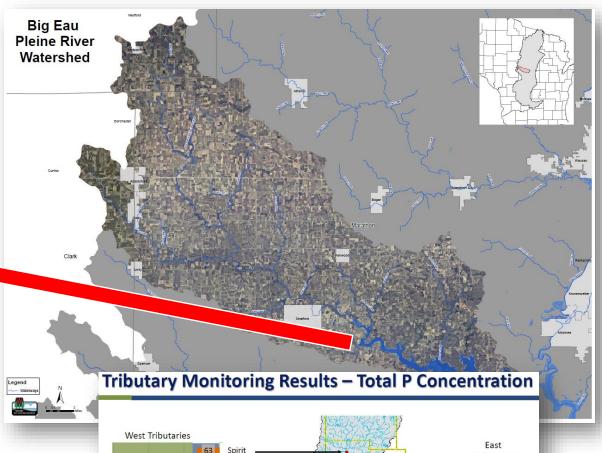
Marathon County: 37,800 acres (2016) Rank 1

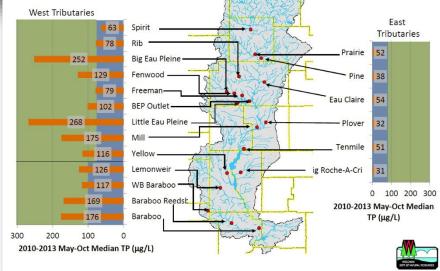
Clark County: 34,700 acres acres (2016) Rank 2

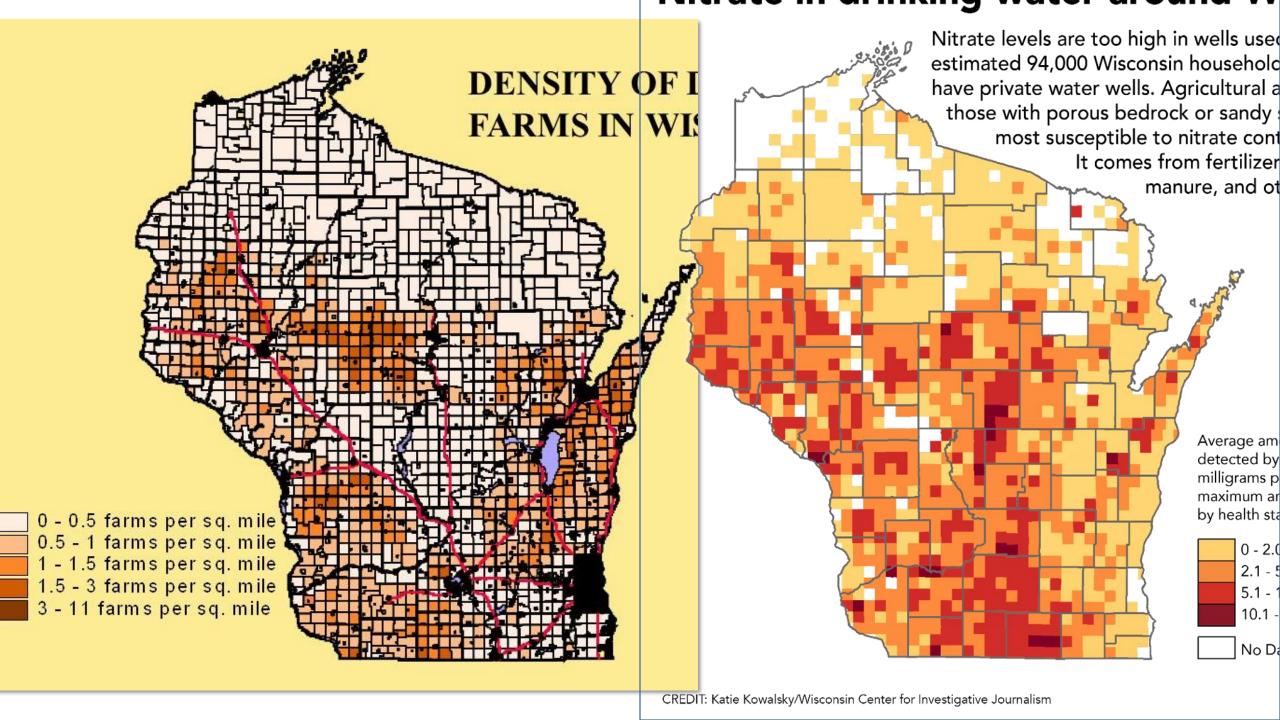
➤ Dairy Production

Marathon County: 61,000 cows (2016) Rank 2

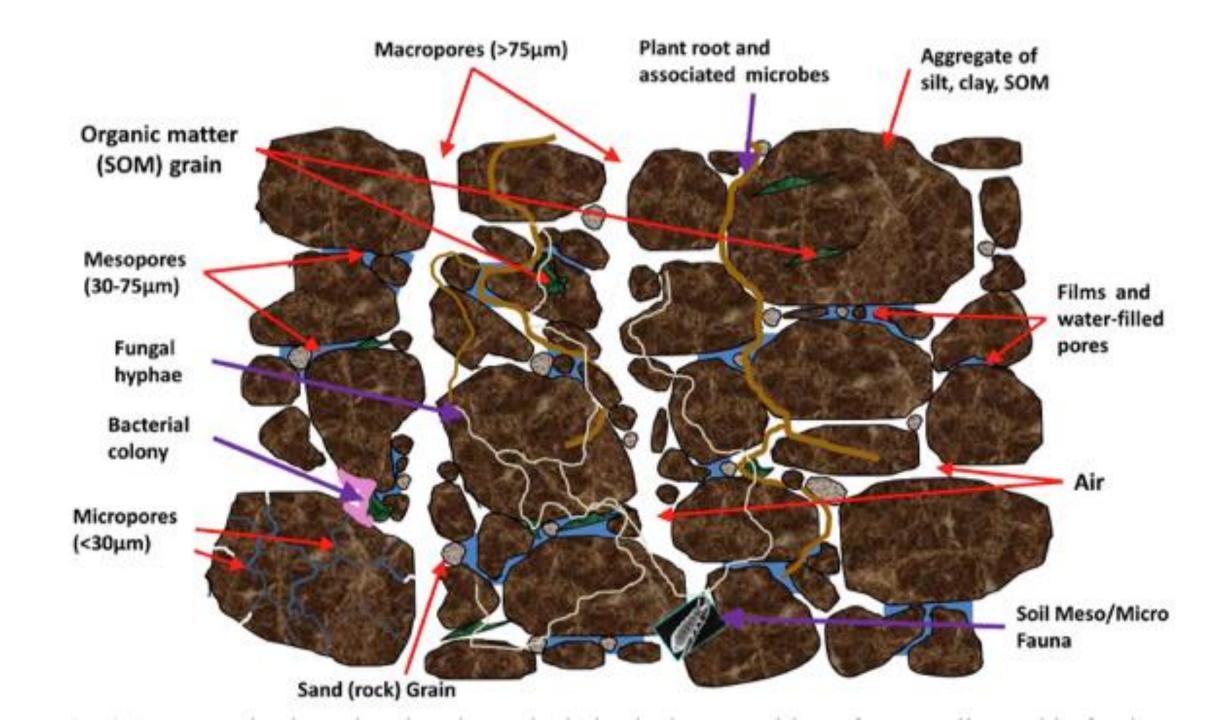
Clark County: 68,000 cows (2016) Rank 1







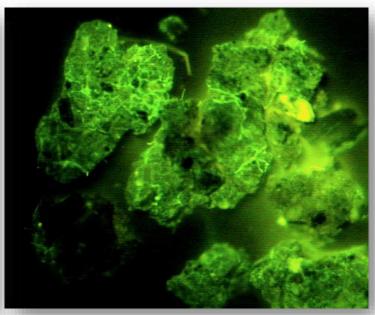






Soil Biology - Symbiotic Relationships







Mycorrhizal fungi

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Rockstars of the Rhizosphere Snot of the Soil Glomalin

CAUTION

It is possible to till the snot out of the soil





Disconnect of knowledge

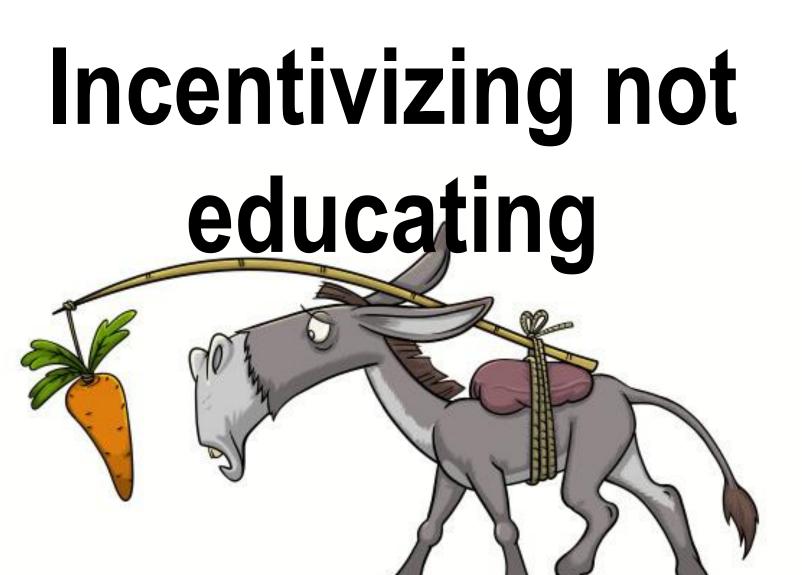














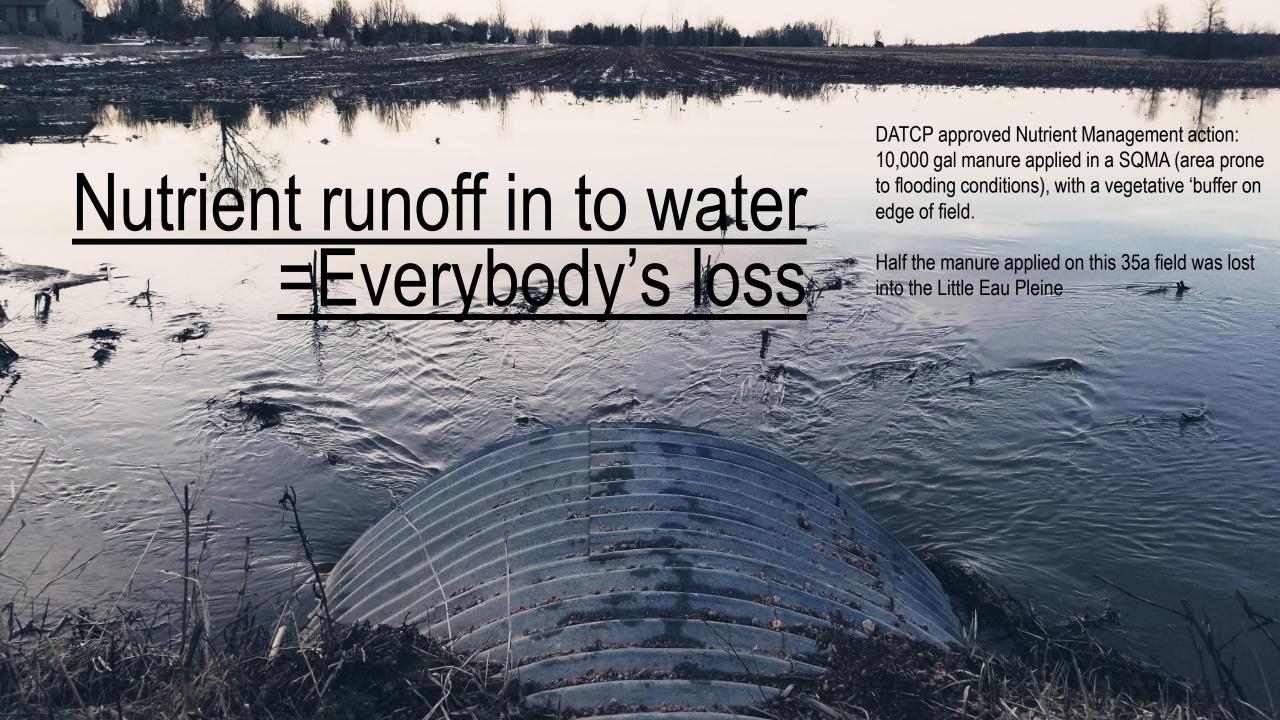




TOP SOIL

8.8 tons of dirt/a

contains highest fertility and biology for sustainable yield





The Importance of Soil Biology for Soil Health



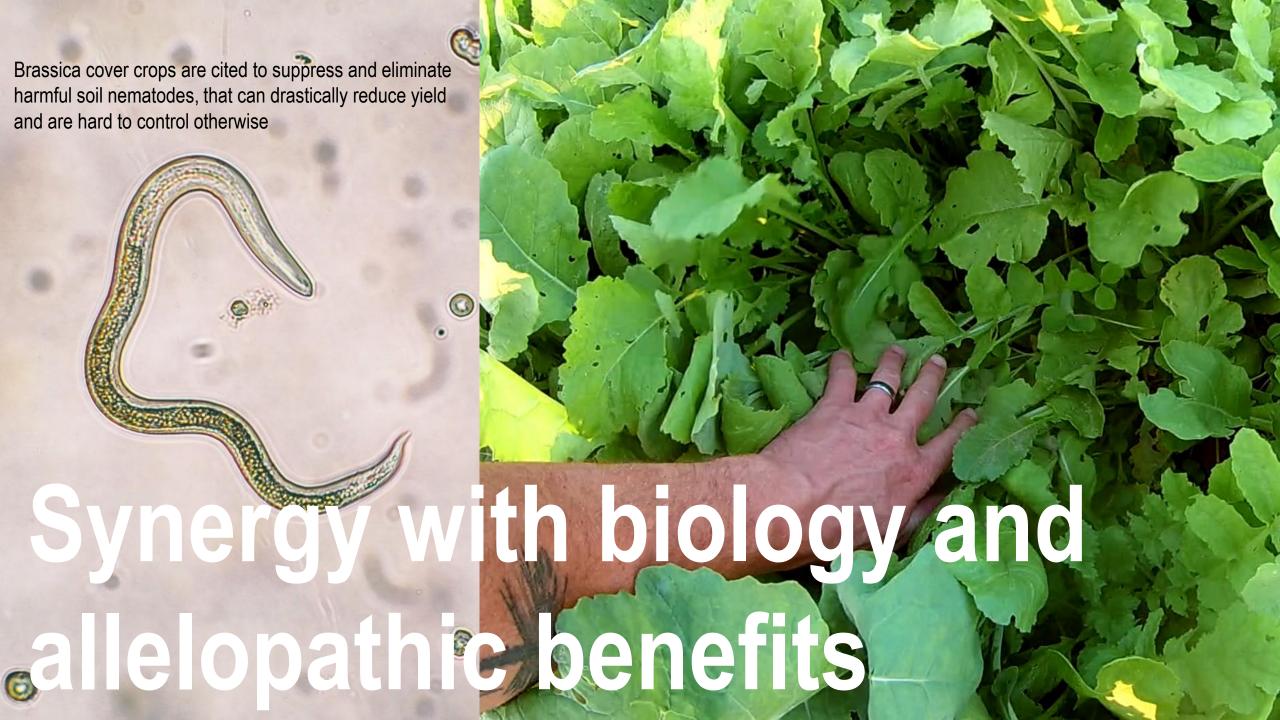




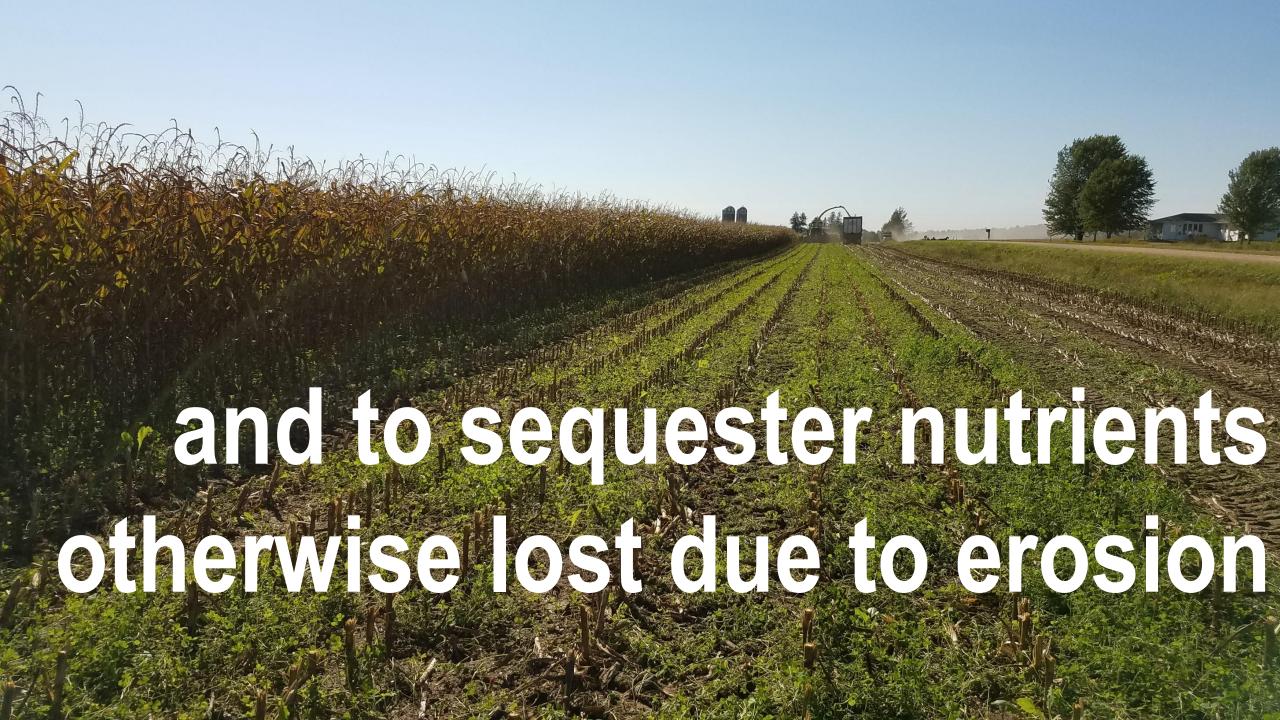


biomass cover to suppress weeds for less herbicide applications













For the future of our soil & water









Halder Bridge Bar & Grill



In finding common ground in soil and water conservation































Ancestor Acres 100% Grassfed Beef Bob & Tammy Brandt





This isn't just an agriculture problem, it's *all* our problem....

But farmers are the only ones working towards a solution....

What are city centers doing?

WP



A backhoe sits next to a portion of sewer line that will be replaced after an underwater leak caused up to 100 million gallons of waste to flow into the confluence of the Eau Claire and Chippewa rivers near Eau Claire's downtown.

Rich Kremer/WPR

After Major Sewage Leak, Eau Claire Working To Replace Broken Pipe

Up To 100 Million Gallons Of Sewage Leaked Into Chippewa River

By Rich Kremer

Published: Monday, December 12, 2016, 2:40pm

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EATURED TOP STORY

City dumps nearly 75 million gallons of sewage into bay

By RICK OLIVO rolivo@ashlanddailyress.net Aug 6, 2018 ,0

Ashland Da







REPORT: 3.7 million gallons of raw sewage leaked into Wisconsin River

By WSAW Staff | Posted: Mon 3:05 PM, Jan 29, 2018 | Updated: Mon 5:47 PM, Jan 29, 2018



WAUSAU, Wis. (WSAW) -- The city of Wausau estimates 3.7 million gallons of raw sewage flowed into the Wisconsin River when a sewage line became plugged.

7 Investigates spoke with Public Works Director Eric Lindman last week who said raw sewage plugged a sewage line on the north side of Sturgeon Eddy Road, near the intersection with Wisconsin Street.

Lindman said that line carries a million gallons of sewage a day from the southeast side of Wausau, across the Wisconsin River and to the wastewater treatment plant.

Lindman spoke with the Marathon County Health Department, who said at this point there is not a public health impact, though they recommend any fish caught be washed and cooked thoroughly.



A homeowner called the public works department Jan. 23 about a smell, said Lindman, which is how they found out about the plugged line.

The city said the amount represents a very small the overflow event.

MMSD dumps untreated sew into rivers, Lake Michigan

Posted: 6:17 PM, Jun 19, 2018 **Updated:** 8:11 PM, Jun 19, 2018 **By:** Ben Jordan



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What can you do?

- Invest in research towards conservation practices
- Enforcement of excessive runoff of manure (no more winter spreading)
- Update SNAP Plus and UW recommendations to accommodate conservation practices
- Maintain farm watershed groups
- All land conservation office be fully staffed (Clark County)
- Comprehensive education programs for farmers

Renaissance of Wisconsin policy

- 1948-49; new era in state policy toward the natural environment...where citizens had ONCE seemed willing to tolerate pollution as a public necessity, they increasingly defined it instead as an unwarranted threat to the welfare of the community.
 - Consuming Nature, Gregory Summers











