WISCONSIN
SOYBEAN
ASSOCIATION

Pat Mullooly, Wisconsin Farmer

- Family farmer from Clinton, Wisconsin
- UW-Platteville Graduate – Crop & Soil Science / Ag Business
- Agronomist with the DeLong Company – Janesville, WI
- 2500 Acres of corn & soybeans and a small cow calf herd
- Member of Rock County

Mullooly Home Farm

6th Generation Family Farm

Wisconsin Soybean Farmers are Committed to Research and Education

- Wisconsin Soybean Association Connects Farmers to Research and Education on a Daily Basis
  - Cool Bean https://coolbean.info/
  - Badger CropDoc https://badgercropdoc.com/
  - Corn Soy Expo

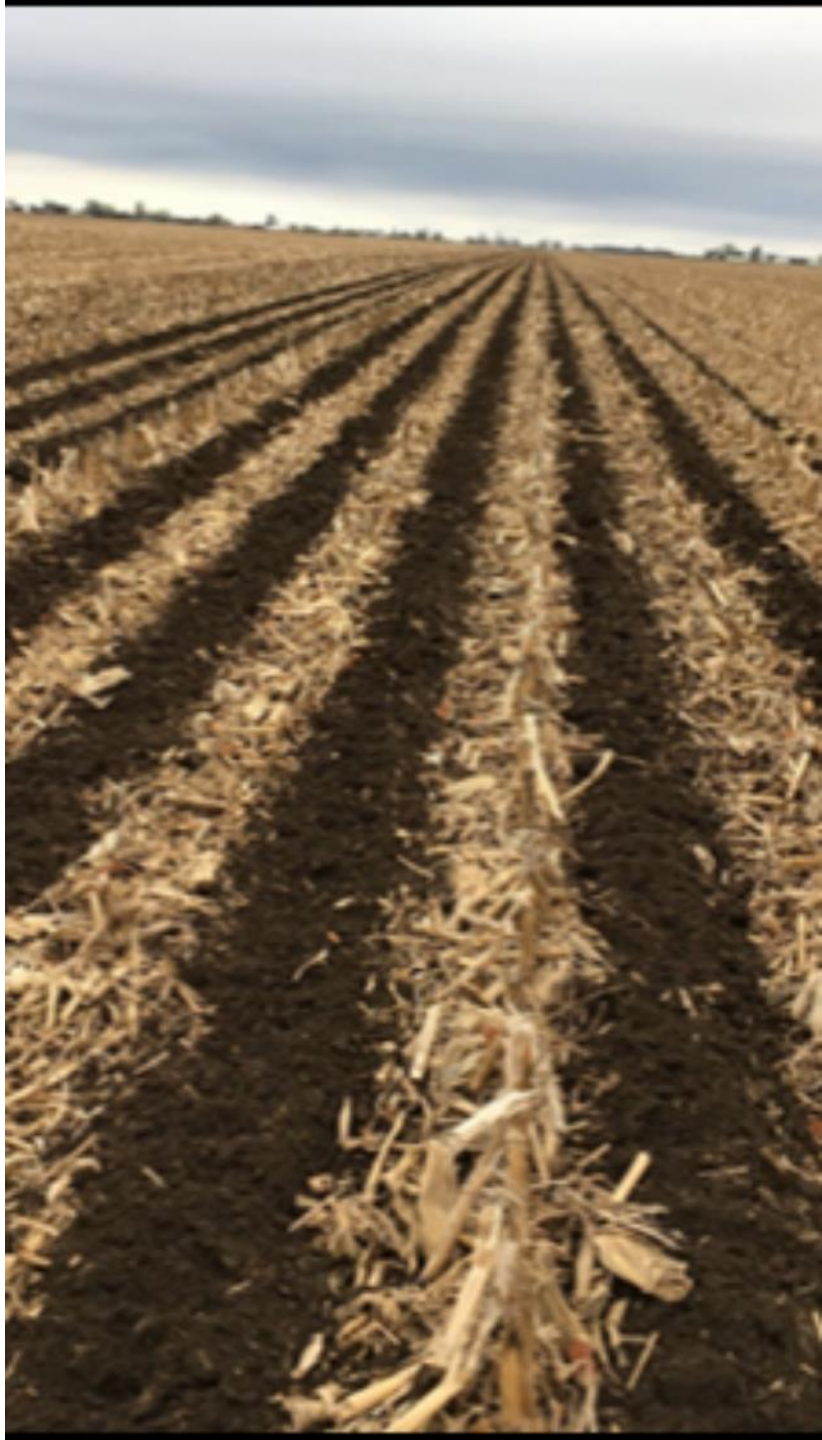
Tillage Options for Conservation

Strip-Till

No Till

What is Strip-Till?

- Narrow strips are tilled in the soil and plant residue between rows is left undisturbed
- Allows for good soil drainage, air flow, and the soil's biological health
- Good environment for quick germination and strong early plant growth
- Warms the soil
- Erosion control
- Precision nutrient placement and increased fertilizer efficiency



Evolving Farming Practices - Increased Conservation

Photo Credit – WS AgCenter 2017

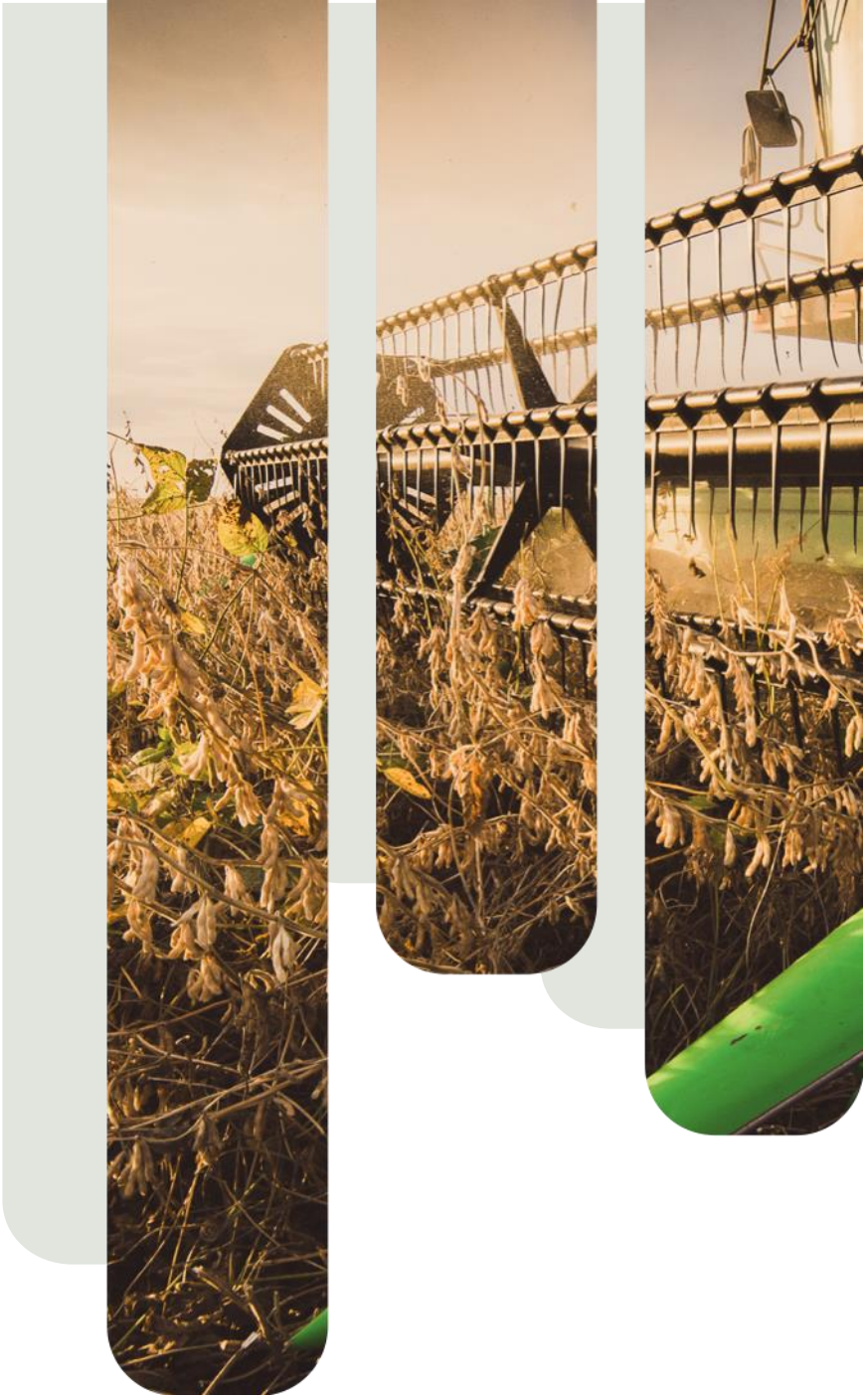
- Nutrient Management Planning
- Sidedress N Application on All Corn
- Cover Crops on Highly Erodible Land
- Filter Strips and CRP Lands Along Open Water
- Use of Nitrogen Modeling Programs
- Application of Manure from Neighboring Livestock Farms
- “Roundtable for Responsible Soy”

Buffer Strip Along Open Water

Nitrogen Modeling

- Tool maximizes nitrogen use while protecting the environment
- Considers both agronomic and environmental factors

- Factors that are Considered:
  - Planting date
  - Soil organic matter
  - Nitrogen applications to date
  - Rainfall – seasonal and historic
  - Tile drainage
  - Hybrid maturity
  - Accumulated heat units
  - Cover crops



Farmers are Engaged

- Farmers are **committed to conservation** – multi-generational way of life
- Farmers continually **implementing improvements in** their farming practices
- Farmers have a **long-standing commitment to participating in the regulatory process**
- **Looking Ahead - Collection of on-farm data is critical**
  - Support Funding for UW-CALS and Extension State Specialists in Budget Bill
  - Fund Farmer-led Programs at DATCP
  - Support Nonpoint Source Pollution Program

THANK YOU