

Systems Approach to Nutrients: Avoiding, Controlling, Trapping (ACT)



Avoiding

- Nutrient management
 - Rate, Timing, Form, Method



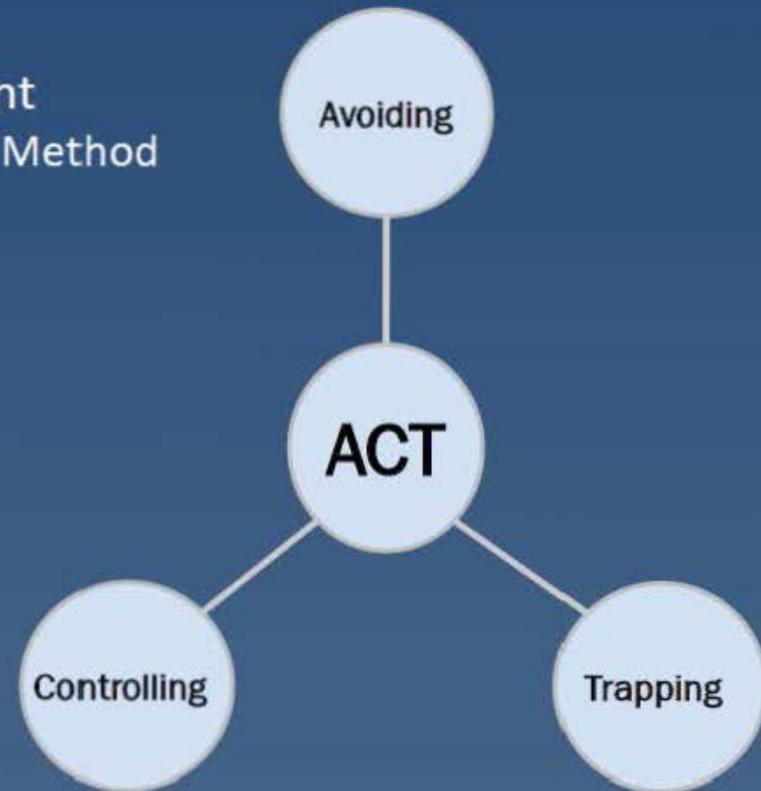
Controlling

- Residue and tillage management
- Drainage water management



Trapping

- Buffers
- Wetlands designed for nutrient removal



Focus of Conservation Planning = Conservation Systems

At its core, the focus of conservation planning is on increasing voluntary adoption of:

- Right conservation systems
- Right position on landscape
- Right amount
- Right timing and sequencing of practice/system implementation (progressive implementation)

“Practices to reduce nitrogen and phosphorus are very different due to different transport pathways.”

—Dr. Jane Frankenberger, Purdue University