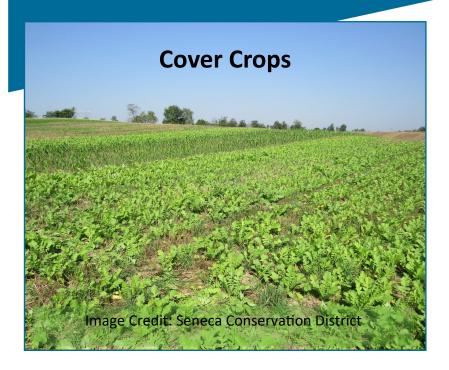
What are they doing to protect our river?

Our Local Farming Community



Water Quality Benefits from Cover Crops

Erosion Control — helps to keep soil on the fields, rather than entering the river during rain events.

Improved Soil Health — increases water retention capacity which reduces runoff.

Improved Fertility — soil nutrients are retained lessening the need for fertilizers.

Protecting Our Waters with:

- **⇒ Cover Crops**
- → 4R Nutrient

 Management

 Program
- → Conservation Tillage
- ⇒ Drainage Control

Less than 2% of phosphorus farmers apply is lost!

What are the 4 R's

- 1. Right Source —
 Fertilizer type
 matches crop
 needs
- 2. Right Rate —
 Fertilizer amount
 matches crop
 needs
- 3. Right Time —
 Nutrients present
 when crops need
 them
- 3. Right Place —
 Keep nutrients
 where crops can
 use them





https://www.nutrientstewardship.com/4rs/

Looking Toward the Future

Improving technologies such as subsurface injection of fertilizers

Need for greater adoption of Best Management Practices More efforts to improve soil health

Visit us at sanduskyriver.org

