

Best Management Practices Supported by this project (BMP)

Lake Erie CREP

- Grass Buffer
- Tree Buffer
- Permanent Wildlife Habitat
- Field Windbreak
- Wetland restoration
- Recharge Areas



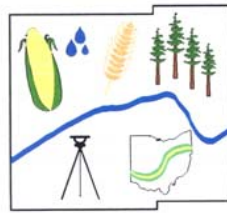
Grass and Tree Buffers

EQIP

- Waste Utilization
- Pasture and Hayland Planting
- Waste Storage Facility

Great Lakes Protection Fund GLPF

- Stratified Soil Testing
- Nutrient Management Practices



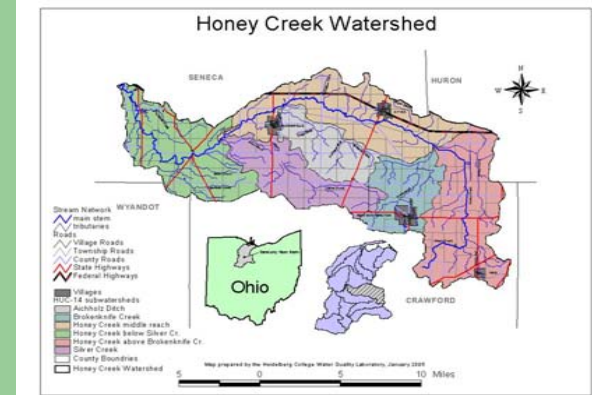
Crawford-Huron-Seneca

Honey Creek Targeted Watershed Project

Fact Sheet 05

Water Quality Improvement through Adaptive Management

Crawford SWCD.....419 562 8280
 Huron SWCD.....419 668 4113
 Seneca SWCD.....419 447 7073
 National Center for Water Quality Research...419 448 2941



Soil and Water Conservation Districts

Soil and Water Conservation Districts

Targeted Watershed Grant (TWG)

The Honey Creek watershed has been selected for a targeted watershed grant by the U.S. EPA. The purpose of the grant is to reduce soluble phosphorus and nitrates in the stream and improve the stream habitat. Research has shown high levels of dissolved reactive phosphorous with the first rain event following broadcast applications of fertilizer. Practices designed to reduce dissolved reactive phosphorous and nitrates have incentive payments up to \$60 per acre.

The grant will be implemented by the Soil and Water Conservation Districts in Crawford, Huron and Seneca Counties in cooperation with the Center for Water Quality Research at Heidelberg College and the Sandusky River Watershed Coalition.

Monitoring indicates a recent increase in dissolved reactive phosphorous leaving Ohio's agricultural watersheds and draining straight into the streams feeding Lake Erie.

Best Management Practices lower phosphorous and nitrates and keep the nutrients on the land where they are needed. Targeted watershed practices incentives make good economic sense in light of the ever-increasing cost of production.

Practices Available within the Targeted Watershed

- Annual Cover after Stratified P Soil Test
- Wheat after Stratified Soil Test
- Hay after Stratified Soil Test
- P Injection >5" after Stratified Soil Test
- "Plow once System" after Stratified Soil Test
- Zero P Application after Stratified Soil Test
- Nitrogen Application Reduction
- Drainage Control Structures

Stratified Soil Testing (SST)

Vertical stratified soil tests are required in order to qualify for the above practices. Stratified soil testing is done by probing the soil at depths of 0-2" and also 2-8" and testing nutrient values of each. The Great Lakes Protection Fund provides a means to have SST done at no cost to the producers by paying lab fees and reimbursing the fertilizer dealer for time spent sampling. Check with your local co-op / agronomist or local soil and water conservation district for more details. Fertilizer dealers approved for the GLPF are;

Bascom Fertilizer Plant, S&D Application, Tiffin Farmers, Country Star, Farmers Commission, Walton Agri Service, UAP, Sunrise Co-op, Andersons, Central Ohio Farmers Co-op, Republic Elevator, Crop Production Services, Morral Chemical,

Private consultants are eligible if they contact Dave Baker at the National Center for Water Quality Research (Heidelberg Water Quality Lab 419 448 2941) for sampling protocol.

Ranking Factors

Each application will be ranked and then selected for funding based on a three tier system: ; **Predominant slope, Surface Soil P Test, Proximity to Water Course** . Nitrogen reduction applications will be ranked on a ratio of Commercial Nitrogen/ Acre to Bushels/Acre.

How to participate

- 1. Get a Stratified Soil Test (contact your local agronomist)**
- 2. Apply for practice at local SWCD (Crawford, Huron, Seneca)**
- 3. Complete the Practice**
- 4. SWCD review of the practice**
- 5. Receive Incentive payment**

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