



H2Ohio

Subsurface Phosphorus Placement



Compatible Practices:

- Voluntary Nutrient Management Plan Development & Implementation
- Variable Rate Phosphorus Application
- Conservation Crop Rotation-Small Grains
- Conservation Crop Rotation-Forges
- Overwintering Cover Crops
- Drainage Water Management

Subsurface Phosphorus Placement is....

Utilizing nutrient application equipment to place nutrients below the surface of the soil.

How it works

- All fertilizer prescriptions are based on an approved Voluntary Nutrient Management Plan (VNMP)
- All phosphorus fertilizer is placed a minimum of 2" below the soil surface
- Producer is paid for acres where phosphorus fertilizer is actually applied

Benefits for Farmers

- Placing nutrients below the soil surface reduces risk of nutrient loss
- Producer may apply for up to four years of funding for this practice
- Producer will receive \$30 per acre, per year for actual acres where phosphorus is applied

Partners in the H2Ohio Program include:



How to Apply?

If interested, contact your local soil and water conservation district:

Lorain County Conservation District
42110 Russia Rd.
Elyria, OH 44035
440.326.5800

Subsurface Phosphorus Placement

Purpose

- To encourage agricultural producers to utilize nutrient application equipment that places phosphorus below the soil surface.
- To reduce risk of agricultural nonpoint source pollution of surface water and groundwater resources.

Applicability

Subsurface Phosphorus Placement applies to cropland acres in the H2Ohio program area. Acres enrolled in the Manure Utilization practice are not eligible for the Subsurface Phosphorus Placement practice in the same crop year. Acres receiving payment for in-field practices under any other county, state, or federal program (EQIP, H2Ohio, MWCD, etc.) are not eligible. Cropland enrolled in CSP and receiving payment for NRCS Practices 590 are not eligible.

Specifications

1. The producer has an approved Voluntary Nutrient Management Plan (VNMP) with the local SWCD.
2. Eligible acres must have phosphorus recommendation according to the VNMP, and the amount of phosphorus fertilizer applied is equal to or less than the prescribed amount.
3. Phosphorus may be placed in multiple applications in one crop year if the total amount does not exceed VNMP needs, and all applications meet the requirements of this standard.
4. The producer must provide a detailed plan of fertilizer source, and placement equipment to be used to achieve program requirements. Subsurface placement equipment includes, but is not limited to; planter, side-dress, strip-till, or nutrient placement toolbars. All placement equipment must be approved by the SWCD, prior to application.
5. All phosphorus applied must be placed. Fields that receive broadcast applications of phosphorus fertilizer are not eligible for this practice until the broadcast nutrients are utilized through crop removal. Approved phosphorus fertilizer application options include:
 - a. Direct Subsurface Placement: phosphorus fertilizer shall be placed a minimum of two inches below the soil surface for each applied acre.
 - b. No Application: phosphorus fertilizer is not applied, even though phosphorus is recommended.
6. All phosphorus applications must comply with Ohio Revised Code Section 905.326.

Participant Payments

- Producers will receive \$20/ac per year, for up to three years, after completion of all practice requirements. Only one payment will be made for this practice in a single crop year, regardless of the number of phosphorus applications. If a 2-year rate application is made that complies with this standard, the producer will receive a payment each year, if the recommendation is not exceeded, and no surface broadcast applications are made in the two crop years.

Subsurface Phosphorus Placement

Producer Verification Checklist

Producer Name: _____

Checklist	Completed
Nutrient application compliant with Nutrient Management Plan	
Documentation provided to SWCD	
- Applicator information (records holder)	
- Application equipment (planter or placement tool)	
- As-applied nutrient application records, including geo-referenced maps where available	

Crop Year: _____

Acres Completed: _____

I hereby state that I have completed this verification form accurately to the best of my knowledge and have provided supporting documentation to show that all items above have been completed. I understand the terms and conditions contained herein and have authority to sign this verification.

Producer Initial

Date

For Office Use

SWCD Notes
