

Minimum Setback Distances and Vegetative Treatment Requirements for the Application of Manure and other Organic By-Products

<u>Type of Sensitive-Setback Area</u>	<u>Setbacks Based on Methods of Manure Applications</u>	
	Manure Surface Application	Manure Incorporation or Direct Injection
Residences/Private Wells down slope from the application area	100 ft	100 ft
Sinkholes	300 ft	100 ft
Pond or Lake	100 ft - At minimum, 35 ft of the 100 ft must be a vegetative barrier ² Or 300 ft	35 ft vegetative barrier
Streams ¹ Ditches ¹ Surface Inlets	35 ft vegetative barrier Or 35 ft with 50% residue cover at time of application Or 100 ft	None
Grassed Waterway	35 ft	None
Field Surface Drains ³	35 ft	None
Public Wells	300 ft	100 ft
Developed Springs down slope from the application area	300 ft	300 ft
Public Surface Drinking Water Intake	300 ft	300 ft

1. All listed measurements are from top of bank.

2. Vegetative Barriers are permanent vegetation consisting of grass, grass/legume mix, trees/shrubs, or trees/shrubs and grass/legumes.

3. Setback requirement for field surface drains are only required if the criteria listed Nutrient application Timing and Placement section are not met. When this criterion is not met the applications of manure must abide by this 35 ft setback distance.

September 2021

Western Lake Erie Basin Nutrient Application Regulations

Ohio Department of Agriculture
Williams Soil and Water Conservation District
Ohio Revised Code 939.08

When you CANNOT apply Fertilizer

- Frozen or snow-covered ground
- Saturated ground (top 2 inches)
- Forecast calls for 50% chance of precipitation exceeding 1 inch in the following 12-hour period

Exceptions*

- Fertilizer is injected into the ground
- Fertilizer is incorporated into the ground within 24 hours of surface application
- Fertilizer is applied to a growing crop

When you CANNOT apply Manure

- Frozen or snow-covered ground
- Saturated ground (top 2 inches)
- Forecast calls for 50% chance of precipitation exceeding 1/2 inch in the following 24-hour period

Exceptions*

- Manure is injected into the ground
- Manure is incorporated into the ground within 24 hours of surface application
- Manure is applied to a growing crop

****Discharge or Pollution into 'Waters of the State' will be in violation** of the Ohio Department of Agriculture's Pollution Abatement Program, Ohio Revised Code, and Ohio Administrative Code. **



Nutrient Application Restrictions reduce the offsite movement of agricultural nutrients in Lake Erie and its western basin by restricting the application of fertilizer and manure.

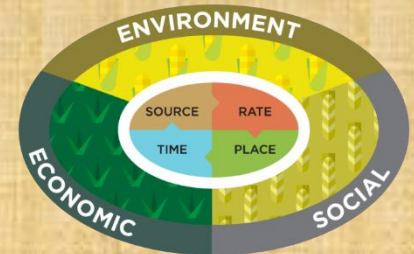
Questions regarding the application of manure and fertilizer can be called in to your county Soil and Water Conservation District Monday – Friday from 8:00 – 4:30 p.m.

If there is an environmental concern after business hours, contact the Williams County Communications/Emergency Management Association (EMA) office or Environmental Protection Agency (EPA).

- Williams SWCD:
(419) 636-9395
- Williams County Communications/EMA:
(419) 636-8497
- EPA Spill Hotline:
(800) 282-9378

The 4Rs of Nutrient Use

The **Right Source**,
applied at the **Right Rate**,
at the **Right Time**
and with the **Right Placement**



Williams Soil & Water Conservation District

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(419) 769-5371