Indiana law directed the Office of Indiana State Chemist (OISC) to develop a rule to ensure that fertilizer materials are distributed and used effectively and safely as plant nutrients and in a manner that protects water quality. Rule goes in effect February 16, 2013.

County Extension

Address

Phone

Website

**Fertilizer Application**

**Regulations for Growers**

**Staging Restrictions**

**Inorganic Fertilizer**

* Stage 300 ft away from surface water, water well, drainage inlets   
  (risers in field)
* Cannot stage in a waterway, floodway, or standing water
* Can be staged along property line
* Cover pile after 72 hours
* Apply to field within 30 days

**Manure** (organic)

* Stage 300 ft away from surface water, water well, drainage inlets   
  (risers in field)
* Cannot stage in a waterway, floodway, or standing water
* Cover, or berm, pile after 72 hours
* Stage 100 feet from property line or public road
* Stage 400 feet from residential buildings
* Do not stage on an area of greater than 6% slope unless gradient barrier
* Do not stage on the side of a hill
* Apply to field within 90 days

**Application Restrictions**

**Inorganic Fertilizer**

* Do not apply directly to water
* Do not apply from a public road
* Do not apply to saturated ground
* Can apply to frozen ground

**Manure** (organic) **Application Restrictions**

Setback distances apply to anyone applying manure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Liquid injection or  Single-pass Incorporation  Liquid or solid | Liquid incorporation (within 24 hr.) or  Surface-application solid | Liquid-surface application  (no injection or incorporation) | |
| Less than 6% slope or residue cover | Greater than 6% slope |
| Public Water Supply | 500 ft | 500 ft | 500 ft | 500 ft |
| Surface Waters | 25 ft | 50 ft | 100 ft | 200 ft |
| Sinkholes | 25 ft | 50 ft | 100 ft | 200 ft |
| Water Wells | 50 ft | 50 ft | 100 ft | 200 ft |
| Drainage Inlets | 5 ft | 50 ft | 100 ft | 200 ft |
| Property Lines | 0 ft | 10 ft | 50 ft | 50 ft |
| Public Roads | 0 ft | 10 ft | 50 ft | 50 ft |

Immediate Incorporation

No Incorporation

24 hr. Incorporation

**Manure** (organic) **Application Restrictions to Highly Erodible Land**

Manure cannot be applied to HEL land UNLESS there is:

* At least 40% crop residue; or
* A vegetative cover crop.

**Manure** (organic) **Application Restrictions to Frozen or Snow-covered Ground**

1. CFO (IDEM-permitted) CANNOT apply manure to frozen ground, unless special permission granted by IDEM.
2. Manure from all sources (including CFO) CAN apply manure to frozen ground in the following circumstances.

* Application allowed if equipment can inject or incorporate in that same day when the crop is not in the field. Application can be at full recommended rate.

Or⎯

* If the equipment can only apply the manure to the surface without incorporation, then the following rules cover those surface-only applications:
* Cannot apply within 200 ft of surface water
* Cannot apply in floodway
* Can apply up to 50% of next crop’s need
* Cannot apply to greater than 2% slope UNLESS 40% residue or cover crop
* Surface applications (no injection or incorporation) must follow setback distances

**Manure Application Monitoring**

1. Monitor soil conditions and weather forecast for the 24 before the application
2. Monitor surface water & field tile for change in color, flow or volume
3. If there is a change:

* Report it as a spill to IDEM: (888) 233‐7745;
* Stop the application immediately;
* Stop or capture the effluent; and
* Land apply or store the effluent.

**Recordkeeping Requirements**

**Required CFO Manure Sales Records:**

* Applicator Name and Certification Number

**Required Application Records:**

*(Only Category 14 Certified Applicators)*

* Location, Certified Applicator Name and Number, Fertilizer, Nutrient Value, Rate/acre, Method
* No specific form
* Kept for 2 years

*Example:*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Location:** | | | | | |
| **Applicator Name & Number** | **Date**  **(m-d-yr)** | **Fertilizer**  **Type** | **Nutrient value** | **Rate/acre** | **Application**  **Method** |
|  |  |  |  |  |  |

**Resources:**

Office of Indiana State Chemist: www.OISC.purdue.edu