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 went in effect February 16, 2013.

**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 PLAN**
A written application plan is required by **ALL** growers who use at least 10 cubic yards or 4,000 gallons of **ANY TYPE** of fertilizer material.

**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)**
Setback distances apply to anyone applying manure

<table>
<thead>
<tr>
<th>Setback Distances</th>
<th>Less than 6% slope or residue cover</th>
<th>Greater than 6% slope</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Water Supply</td>
<td>500 ft</td>
<td>500 ft</td>
</tr>
<tr>
<td>Surface Waters</td>
<td>25 ft</td>
<td>50 ft</td>
</tr>
<tr>
<td>Sinkholes</td>
<td>25 ft</td>
<td>50 ft</td>
</tr>
<tr>
<td>Water Wells</td>
<td>50 ft</td>
<td>50 ft</td>
</tr>
<tr>
<td>Drainage Inlets</td>
<td>5 ft</td>
<td>50 ft</td>
</tr>
<tr>
<td>Property Lines</td>
<td>0 ft</td>
<td>10 ft</td>
</tr>
<tr>
<td>Public Roads</td>
<td>0 ft</td>
<td>10 ft</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Immediate Incorporation</th>
<th>24 hr. Incorporation</th>
<th>No Incorporation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Water Supply</td>
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Office of Indiana State Chemist  
175 South University St  
West Lafayette, IN 47907  
800-893-6637  
http://www.oisc.purdue.edu
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 Distribution Records:
  ➢ Applicator Name and Certification Number
  ➢ Amount and Nutrient Value
  ➢ Date

Required Application Records:
(Only Category 14 Certified Applicators)
  ➢ Location, Certified Applicator Name and Number, Type of Fertilizer, Nutrient Value, Rate/acre, Method, Date
  ➢ No specific form
  ➢ Kept for 2 years

Example:

<table>
<thead>
<tr>
<th>Location:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>Applicator Name &amp; Number</td>
</tr>
<tr>
<td>-----------------------------------</td>
</tr>
</tbody>
</table>

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