

901:13-1-11

**Land application of animal manure and nutrients.**

- (A) Each owner, operator, animal manure applicator, or person responsible for land application of manure from an animal feeding operation shall minimize pollution from occurring on land application areas by following the standards in the "Field Office Technical Guide," or other appropriate methods or management practices approved by the director or the director's designee. In order to minimize the potential for pollution the following items shall be considered, including but not limited to: characteristics of the animal manure, available land, topography, cropping system, method of application, weather, time of the year, condition of the soil, other nutrients applied, and nutrient status of the soil.
- (B) In watersheds in distress, each owner, operator, or person responsible for the land application of nutrients on more than fifty acres of land used for agricultural production and each owner, operator, animal manure applicator, or person responsible for land application of manure, beginning two years after designation of a watershed in distress by the director:
- (1) Shall not surface apply manure between December fifteenth and March first without prior approval for each application from director or the director's designee; under any of the following circumstances:
- (a) On snow-covered or frozen soil;
  - (b) When the top two inches of soil are saturated from precipitation; and
  - (c) When the local weather forecast for the application area contains greater than a fifty per cent chance of precipitation exceeding one-half inch in a twenty-four-hour period.
- (2) Shall not:
- (a) Surface apply nutrients on snow-covered or frozen soil;
  - (b) Surface apply nutrients when the top two inches of soil are saturated from precipitation; and
  - (c) Surface apply nutrients in a granular form when the local weather forecast for the application area contains greater than a fifty per cent chance of precipitation exceeding one inch in a twelve-hour period.
- ~~(2) Before December fifteenth and after March first shall not surface apply manure on frozen ground or ground covered in more than one inch of snow. Before December fifteenth and after March first it is permissible to apply manure on~~

~~frozen or snow covered ground only when manure is injected or incorporated within twenty-four hours of surface application;~~

~~(3) May land apply snowpack manure when there is greater than four inches of snow or ice accumulation around animal feeding operations providing that manure accumulation on the animal feedlot does not exceed the volume accumulated with a three day scraping interval or one inch, whichever is less. Plans for any land application of snowpack manure must be incorporated into an approved nutrient management plan or each application shall be submitted for approval by the director or the director's designee;~~

~~(4)~~(3) Shall keep records of manure storage volumes and ensure a minimum manure storage capacity of one hundred and twenty days on December first of each year;

~~(5) Shall not surface apply manure if the local weather forecast for the land application area contains a greater than fifty per cent chance of precipitation exceeding one-half inch for a period extending twenty-four hours after the projected start of the land application of manure. Records of the local weather forecast shall be kept and made available upon request by the director or the director's designee. Local weather forecasts and hourly weather graph information is available at [www.noaa.gov](http://www.noaa.gov).~~

(C) Paragraphs (B)(1) and (B)(2) of this rule does not apply if a person is applying manure or nutrients under any of the following circumstances:

(1) The manure or nutrients are injected into the ground.

(2) The manure or nutrients are incorporated within twenty-four hours of surface application.

(3) The manure or nutrients are applied to a growing crop.

~~(C)~~(D) Upon designation by the director of any Within a watershed designated as in ~~distressed~~ distress, and upon the submission and approval of a nutrient management plan described in 901:13-1-19(B) of Ohio Administrative Code, each owner, operator, or person responsible for the land application of nutrients on more than fifty acres of land used for agricultural production and each owner, operator, animal manure applicator, or person responsible for land application of manure shall minimize pollution from occurring from land application areas by following applicable standards in the "Field Office Technical Guide," or other appropriate methods or management practices approved by the director or the director's designee. Failure

to install or implement appropriate standards is a violation of this rule regardless of whether pollution to waters of the state has occurred.

(E) As used in this rule, "nutrients" means nitrogen, phosphorus, or a combination of both, including when attached to soil sediment.

Effective:

Five Year Review (FYR) Dates: 10/15/2018

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Certification

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Date

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