

Title 35 - Oklahoma Department of Agriculture, Food, and Forestry
Chapter 17 - Water Quality
Subchapter 11 -Eucha-Spavinaw Management Act

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35:17-11-1. Purpose

The purpose of these rules is to implement the provisions of the Eucha-Spavinaw Management Act and these rules shall apply to all persons utilizing poultry waste for land application purposes in the Eucha-Spavinaw Watershed. In no case shall the provisions of these rules be construed to apply to any persons applying poultry waste for land application purposes in any watershed other than the Eucha-Spavinaw Watershed.

35:17-11-2. [RESERVED]

35:17-11-3. Phosphorus index

- (a) The Eucha-Spavinaw phosphorus index for the land application of poultry waste shall be determined pursuant to the criteria and formulas contained in Appendix A of this Subchapter.
- (b) Poultry waste shall not be applied to any land application site having a Soil Test Phosphorus (STP) level of 300 mg/kg (milligrams per kilogram) or greater, as determined by the Mehlich-III extractant, ICP analysis method.
- (c) Soil samples for analysis of Soil Test Phosphorus shall be collected from zero inches to four inches in depth, or to the actual depth of the soil if less than four inches.
- (d) Poultry waste samples for determination of soluble phosphorus shall be analyzed pursuant to the method found on page 74 of "Methods of Phosphorous Analysis for Soils, Sediments, Residuals, and Waters," SERA-IEG 17 Southern Cooperative Series Bulletin No. 396.
- (e) Where the index refers to best management practices (BMPs), eligible practices shall adhere to United States Department of Agriculture Natural Resources Conservation Service Conservation Practice Standards for Water Quality.
- (f) The Eucha-Spavinaw phosphorus index shall also include the following maximum application rates:
 - (1) The maximum amount of poultry waste that may be applied under any condition during the fall application season is two tons per acre.
 - (2) The maximum amount of poultry waste that may be applied during any season to fescue or other cool season grasses is two tons per acre.
 - (3) The maximum amount of poultry waste that may be applied during the spring and summer seasons (April to June) to Bermuda fields with greater than fifty percent Bermuda mix is three tons per acre.
 - (4) The maximum application limits shall supersede even if the calculated ESPI PI would otherwise allow greater application rates.
- (g) Under no circumstances shall poultry waste application rates exceed Nitrogen requirements for the crop.
- (h) Land application of poultry waste shall be based on the Eucha-Spavinaw phosphorus index but shall also be limited by other applicable statutes or rules where those statutes or rules are more stringent.