



Ohio Administrative Code

Rule 901:10-2-13 Contents of manure management plan: soil characterization.

Effective: January 1, 2026

(A) The manure management plan shall contain information on the soil of the land application areas. Soil samples shall be analyzed to plan for nutrient utilization at recommended agronomic rates and to minimize nutrient runoff to waters of the state. Soil shall be sampled and analyzed by utilizing the following procedures:

(1) At a minimum, soil samples shall be taken to a uniform depth of eight inches and the fertility analysis shall include: pH, phosphorus, potassium, calcium, magnesium and cation exchange capacity.

(2) Soil fertility analysis shall be conducted in accordance with Publication 221, "Recommended Chemical Soil Test Procedures for the North Central Region; Published by the North Central Regional Committee on Soil Testing and Plant Analysis (NCR-13), North Dakota Agricultural Experiment Station." A copy of which may be downloaded at:
https://www.canr.msu.edu/uploads/234/68557/rec_chem_soil_test_proce55c.pdf.

(3) Soil samples shall be representative of a land application site with one composite soil sample representing no more than twenty-five acres or one composite soil sample for each land application site, whichever is less.

(4) The manure management plan shall specify the soil sampling frequency in accordance with the following requirements:

(a) A land application area that receives manure shall be soil tested, at a minimum, once every three years; and

(b) If any land application area is used by the owner or operator for land application of manure, the land application area shall not be sampled within the six months following manure application.



(B) Results of the soil sampling events in paragraphs (A)(1) to (D)(4) of this rule shall be recorded in the operating record in accordance with rule 901:10-2-16 of the Administrative Code and include the location of the soil sample collection site, the depth of the sample collected and the analysis.

(C) In developing appropriate manure application rates for land application methods in accordance with rule 901:10-2-14 of the Administrative Code, the owner or operator shall use the Mehlich III soil test level or equivalent appropriate phosphorus soil test, (Bray P1, Olsen, phosphorus retention test), or other test methods approved by the director. The owner or operator shall choose a phosphorus soil test method and identify the selected method in the manure management plan.