

Kansas Administrative Regulations

Kansas Department of Agriculture

Article 21.—Nutrient Utilization Plans

4-21-7. Exceeding the agronomic rate for phosphorus-holding capacity.

A phosphorus soil analysis, as required by the secretary, shall be deemed to exceed the agronomic rate for phosphorus-holding capacity of the soil in a field if any of the following conditions is met: (a) The average annual rainfall is less than or equal to 22 inches, all of the field has a slope of five percent or less, and the soil analysis result using the Bray and Kurtz P-1 or the Mehlich 3 analysis method for phosphorus ("P") for the field exceeds 200 ppm or exceeds 76 ppm of "P" using the Olsen analysis method, as adopted by reference in K.A.R. 4-21-4.

(b) The average annual rainfall is less than or equal to 22 inches, any part of the field has a slope of greater than five percent, and the soil analysis result using the Bray and Kurtz P-1 or the Mehlich 3 analysis method for "P" exceeds 150 ppm or exceeds 57 ppm of "P" using the Olsen analysis method.

(c) The average annual rainfall is greater than 22 inches but less than 30 inches, the slope for all of the field is less than five percent, and the soil analysis result using the Bray and Kurtz P-1 or Mehlich 3 analysis method for "P" for the field exceeds 150 ppm or exceeds 57 ppm of "P" using the Olsen analysis method.

(d) The average annual rainfall is greater than 22 inches but less than or equal to 30 inches, the slope of any part of the field is greater than five percent, and the soil analysis result using the Bray and Kurtz P-1 or Mehlich 3 analysis method for "P" for the field exceeds 100 ppm or exceeds 38 ppm of "P" using the Olsen analysis method.

(e) The average annual rainfall is greater than 30 inches, and the soil analysis result using the Bray and Kurtz P-1 or Mehlich 3 analysis method for "P" for the field exceeds 100 ppm or exceeds 38 ppm of "P" using the Olsen analysis method.

(Authorized by K.S.A. 2-3309; implementing K.S.A. 2002 Supp. 2-3318 and K.S.A. 65-1,182; effective April 4, 2003.)

***** Authenticated Kansas Administrative Regulation *****