

Kansas Administrative Regulations

Kansas Department of Agriculture

Article 4.—Commercial Fertilizers

4-4-903. Prohibited materials.

(a) Storage containers, elephant rings, and appurtenances shall not be constructed of copper, brass, zinc, or copper-base alloys unless recommended in writing by the manufacturer.

(b) Storage containers, elephant rings, and appurtenances used for the storage of fluid fertilizers containing phosphates or chlorides shall not be constructed of aluminum or aluminum alloys unless recommended in writing by the manufacturer.

(c) Storage containers, elephant rings, and appurtenances used for the storage of fertilizers or fluid fertilizer materials which have a pH of five or less shall not be constructed of ferrous materials other than stainless steel unless the ferrous materials have been coated or treated with protective substances adequate to prevent corrosion caused by the substance being stored or unless recommended in writing by the manufacturer.

(d) Storage containers, elephant rings, and appurtenances used for the storage of aqueous solutions of anhydrous ammonia shall not be constructed of galvanized brass or bronze materials and shall not be constructed of mild steel, stainless steel, aluminum, fiberglass, polyolefins or plastic unless recommended by the manufacturer.

(e) Storage containers, elephant rings, and appurtenances used for the storage of phosphoric acid shall not be constructed of ferrous materials other than stainless steel unless the container is lined with a suitable substance to prevent corrosion caused by the substance being stored unless recommended in writing by the manufacturer.

(f) Storage containers, elephant rings, and appurtenances used for the storage of fluid fertilizers containing potassium chloride shall not be constructed of ferrous materials other than stainless steel or mild steel, unless:

(1) the container and appurtenances have been coated or treated with protective substances which are adequate to prevent corrosion resulting from the material being stored; or

(2) unless storage of fluid fertilizers containing potassium chloride in storage containers constructed of ferrous materials other than stainless steel or mild steel has been recommended in writing by the manufacturer of the container; and

(3) the container or appurtenance is used for storage periods of not more than a total of 90 calendar days within any period of 365 consecutive days. In such instances, the storage container shall be completely emptied between storage periods; or

(4) the empty container and appurtenances are cleaned and inspected for leaks prior to being refilled.

(Authorized by and implementing K.S.A. 1989 Supp. 2-1227; effective Jan. 14, 1991.)

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