

Kansas Administrative Regulations

Kansas Department of Agriculture

Article 4.—Commercial Fertilizers

4-4-920. Storage and handling of dry bulk fertilizer.

(a) Dry fertilizer materials shall be stored and handled in a manner which prevents pollution of groundwater by minimizing losses of the dry fertilizer or dry fertilizer materials to the air, surface water, groundwater, or subsoil.

(b) Non-fluid fertilizer or fertilizer materials shall be stored inside a properly designed structure or device with a cover or roof top, sidewalls and base sufficient to prevent fertilizer contact with precipitation and surface waters. Floors and sidewalls shall be strong enough to support the weight of the fertilizer being stored.

(c) All loading, unloading, mixing and handling of dry fertilizer, unless performed in the field where applied, shall be done using a containment method, device, or structure, which is of a size and design that will contain the fertilizer and can be operated to minimize emission of dust, vapors or both beyond the facility boundaries. Any collected materials shall be applied to a field at agronomic fertilizer rates or be otherwise recycled with other fertilizer mixes.

(d) Handling or work areas where any dry fertilizer is stored, loaded, unloaded or handled shall be constructed of concrete, asphalt or other material that is sealed with a product approved by the secretary to maintain a permeability rate at least equivalent to that of concrete or asphalt.

(e) Conveyors and augers shall be equipped with dust control boots or socks.

(f) Roof and surface runoff water shall be diverted away from the fertilizer buildings or loading area by use of grading or other means of water diversion.

(g) Railside unloading areas shall have a large enough area, including the area between the rails, surfaced with concrete or asphalt to provide for sufficient clean-up of all spilled fertilizer materials. As an alternative, a portable device approved by the secretary may be used if the user demonstrates that all spilled materials can be controlled and contained by the device.

(h) All doors shall be locked when facility is not in use.

(i) Mixing and blending devices shall be covered with a suitable roof or otherwise be suitably designed and installed to prevent rain, sleet, snow or hail from coming into contact with the dry fertilizer.

(k) The name of the storage facility and the name and telephone number of individuals who may be contacted in case of emergency shall be posted on the storage facility using letters not less than two inches high.

(l) Buildings used to store dry fertilizer or fertilizer materials shall be marked with a general description of their contents.

(m) Handling or working areas where dry fertilizers are stored, loaded, unloaded or handled shall be cleaned daily after use.

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

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