

Agrichemical Containment and Mixing Facility

Definition/Purpose

Agrichemical Containment and Mixing Facility means a system of components that provide containment and a barrier to the movement of agrichemicals. The purpose of the system is to provide secondary containment to prevent degradation of surface water, groundwater, and soil from unintentional release of pesticides or fertilizers. Cost share for this practice is limited to the amount listed in the NCACSP average cost list. (DIP)

Policies

1. This practice applies where current methods of storage, loading, and mixing of agrichemicals and rinsing of equipment have the potential to impair soil, water, air, plant, and animal resources.
2. Components must include those components necessary to properly handle chemical mixtures and prevent pollution of the environment. Components of a complete facility may include:
 - a. Secondary containment for fertilizer and pesticide storage areas.
 - b. A curbed, sealed concrete chemical mixing and loading pad
 - c. All weather access pad/lane to the containment facility
 - d. A chemical collection sump and sump pump, including safety devices
 - e. An adequate water supply for mixing chemicals, rinsing tanks, and containers, and for emergency health and safety needs including water supply pump, pipeline, hoses, backflow prevention devices and other hardware as needed
 - f. Tanks for storage of rinsate and potentially contaminated runoff.
3. Secondary containment for pesticides shall be separate from containment for fertilizers.
4. Operation and Maintenance Plan Statement (NC-ASCP-OMP) is required.
5. BMP acres affected are required on the contract.
6. Minimum life of BMP is ten (10) years.
7. This practice is limited to one facility per cooperator.

Standards

N. C. NRCS Technical Guide, Section IV, Standard #309 (AgriChemical Handling Facility).