



The size of the facility will be based on the agrichemical use of the farm needed for a single growing season. All agrichemical contact equipment must be compatible with the chemicals being handled. Structural design may not have seepage conduits along posts, pipes or other devices through the mixing pad floor or containment storage walls or the sump basin. Agrichemical storage associated with the facility must have a separate room with sufficient space.

**PERMANENT OR PORTABLE FACILITIES MUST MEET THE NRCS CPS-309 DESIGN CRITERIA**

The basic requirement for a farm chemical mixing and handling area is a concrete pad large enough to park your sprayer on. It needs to have a curb or berm around it to hold anything that spills or leaks on the concrete. The concrete needs to slope to a drain. The drain needs to connect to a pipe and pump so you can collect anything that spills or leaks.

**Costs:**

The costs for an agrichemical handling facility will be different depending on the size and materials you use. Some of the costs you need to think about are:

- Concrete pad and berm
- Pipe, pump and storage tank and cutoff valve
- A storage building can be added for safely storing chemicals

**Other Things to Consider:**

- On some sites you may be able to use a synthetic liner instead of concrete.
- A roof can cover the mixing area to keep out rainwater.
- A small building may be needed for safely storing chemicals.



Provides for collection of wash water from filling and cleaning operations of spray equipment.



Example of a small scale agrichemical facility design, based on a prefabricated containment facility option.

**HOW TO OPERATE & MAINTAIN THE PRACTICE:**

- Limit size and use of facility to design parameters
- Handle and mix all farm chemicals on the concrete slab or collection surface
- Agrichemical handling safety data sheets should be followed
- Wash and cleanup all spills immediately
- Wash water can be stored and reused the next time you need to mix chemicals
- Spills can be pumped directly to your sprayer or stored for later use or disposal
- Follow design process for handling accumulated rainwater
- Inspect and maintain structural and mechanical components to keep them in a sound condition and safe working order
- If you have a building for storing chemicals, check regularly to make sure chemicals are safe and dry
- Safety signage is required
- Follow an emergency response plan in the event of an accidental spill

**As the operator and manager of the agrichemical handling facility you are expected to use and maintain this structure according to the Natural Resources Conservation Service Operation and Maintenance Plan that are prepared for your design.**

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