

Liquid Fertilizer Concentrate Storage Tank Installation and Maintenance Check List

Date: _____

Tank Location: _____

Initials: _____

Tank Installation

- Located away from high traffic areas
- Protected by concrete or metal barriers to prevent jarring and punctures
- Placed close to injector system
- Placed on a raised platform
- Placed away from floor drains
- Placed in a low humidity area
- Placed near a sump pump to contain spills and leaks
- Placed close to a spill kit
- Placed away from plant material
- Tank is covered to avoid solid and liquid contamination

Tank Inspection

- Date of installation is written on container and cover
- Date of installation is still readable
- Inspected every time new stock is mixed; date and condition recorded
- Inspection includes check for cracks, sun damage and signs of wearing
- Secondary containment will hold all liquid if accidentally tipped
- Is constructed of high density polyethylene with extra heavy duty walls

Tank Label

- Includes contents
- Includes concentration
- Includes recipe
- Includes date mixed
- Is legible

Staff & Users Trained & Updated In:

- Proper storage
- How to mix and calculate stock solutions
- How to properly read and interpret nutrient analysis reports
- How to identify plant material nutrient deficiencies
- The correct selection of fertilizers and rates based on crop needs
- Spill clean up procedures
- Limiting the amount of leaching of fertigation water to 10%
- Testing substrate pH & EC and actions to take if out of range
- Fertilizer injector inspecting and calibration

Follow-up Activities:

Useful Reference: "Guidance Regarding the Rotation of Liquid Fertilizer Stock Containers" Located on the CALS greenhouse web page