# 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 is covered to avoid solid and liquid contamination
- [ ] 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 Reguarding the Rotation of Liquid Fertilizer Stock Containers" Located on the CALS greenhouse web page

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