



Proper storage and use of fertilizer protects ground water, wells and streams from nutrient pollution.

DO

- ✓ Store bags of fertilizer, dry calcium chloride or other bulk materials indoors, on pallets, in clean, dry, weather-tight facilities.
- ✓ Use a storage area with a concrete or paved floor.
- ✓ Keep brooms, shovels, bags or other containers, in the work area to clean up spills.
- ✓ Bulk materials not in bags are to be applied when purchased.

DON'T

- ✗ Don't store any fertilizer, calcium chloride or other bulk materials outside.
- ✗ Don't store bulk materials that are not in bags.
- ✗ Don't store bulk materials in wet locations or where rainwater runs toward the storage location.
- ✗ Don't store bags of bulk materials on dirt floors.
- ✗ Don't dispose of un-used bulk materials in streams, storm drains, sanitary sewers, or sinkholes.

Materials & Waste Management

- ▲ Excess fertilizer should be properly stored.

Facility Checklist

- ☐ Check storage areas **MONTHLY** for proper storage.
- ☐ Check the storage area **ANNUALLY** to ensure it is weather tight.
- ☐ Review storage procedures **ANNUALLY**, improve as needed.

Tips and Tricks

- ! This fact sheet does not apply to bulk storage of road salt. (see **Fact Sheet 7.1**)
- ! UK Environmental Mgmt. 859-323-6280

If...Then

- Spilled bulk materials must be swept up for reuse.
- If spilled materials cannot be re-used, UK Environmental Management should be contacted for guidance on disposal.
- Notify the UK Environmental Management when bulk dry materials are spilled and are or can be exposed to weather.

Training: 1 per Year

Season: Spring

Relevant Environmental Programs

- Air Quality
- 401/404/WQC
- KPDES
- MS4

- GWPP
- Waste
- Pesticides
- SPCC



INFORMATION SOURCES

Kentucky Transportation Cabinet. *Environmental Awareness: A Road Master Training Course*. Undated. (Unit 5 Groundwater p 11, p 32)

Kentucky Transportation Cabinet and Kentucky Transportation Center. 2005. *Environmental Handbook for Management of Highways and Transportation Facilities*. (Fact Sheet 2.2.3)

City of Bowling Green. 2006. *Environmental Handbook for City of Bowling Green Facilities Management*. (Fact Sheet 8.6)

NOTES

- 1) UK Environmental Management is located at 355 Cooper Drive, Lexington, KY 40506-0490, 859-323-6280, ehs.uky.edu/env.