



MISSISSIPPI STATE UNIVERSITY™
MS AGRICULTURAL AND FORESTRY
EXPERIMENT STATION

MAFES DAWG TRACKS

Planting time is upon our researchers, and this also means an increase in pesticide and other chemical use by many faculty and staff.

Below are a few things to remember:

- ✓ Pesticide and agriculture chemical storage facilities shall remain locked at all times.
- ✓ Chemicals in any storage facility shall have each container dated upon arrival and placed in secondary containment when unpacked.
- ✓ Maintain a chemical inventory. Post a list on the entrance door of individual storage areas for reference in the event of an on-site emergency and keep an electronic list as well for back up. This inventory should be updated monthly from March to October.
- ✓ Before mixing, loading, or handling pesticide solutions, individuals must read the label and Safety Data Sheet (SDS) for each pesticide and follow all safety and handling instructions provided by the manufacturer.
- ✓ Before using a facility, users should familiarize themselves with the location and proper operation of the emergency eyewash, spill clean-up materials and other safety systems.
- ✓ No food, drink or tobacco products are allowed in either the pesticide storage or mixing-loading areas.
- ✓ Only mix & load in a well-ventilated area.
- ✓ The outsides of the pesticide containers with remaining contents must be wiped off, the caps placed on tightly, and the containers returned to the designated pesticide storage facility.
- ✓ Empty pesticide containers must be triple rinsed, with the rinsate captured. Rinsed containers must be punctured (so as to render unusable) and lids removed before disposal into the recycling trailer. If no recycling trailer is available, the prepared containers may be disposed of in on-site dumpster.
- ✓ No pesticide or experimental chemicals, their concentrates, solutions or rinsates are to be poured down a sink (unless this sink drains into containment specifically for capturing rinsate) or onto the general outside ground around the mixing area.
- ✓ Pesticides and other agriculture chemicals that are no longer usable or outdated must be disposed of in a timely manner and properly, according to the MSU policy 79.01- Hazardous Waste. Any cost associated with such disposal is the responsibility of the research leader and their assigned department.

Research Leaders are responsible for providing as appropriate, Worker Protection Standard (WPS) training; medical evaluation/fit testing/ annual respirator training; and personal protective equipment (PPE) to members of his/her research team acting as a mixer, loader or handler.

For more info contact:

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Sources:

<https://www.dafvm.msstate.edu/resources/policies/dafvm-guidelines-for-pesticide-final-draft.pdf>