

**GROUNDS/MOVERS
GROUNDS TECHNICIAN
Ref Code: G-GT-8**

APPLYING INSECTICIDES, FUNGICIDES, AND HERBICIDES		
Activity	Hazard Identification	Required Precautions
1. Mixing chemicals.	1a. Chemicals on skin or in eyes; inhalation of chemicals.	1a. Wear chemical gloves, safety glasses, chemical (tyvec) suit, rubber boots, and respirator. Follow label instructions for mixing chemicals. Be familiar with guidelines in MSDS for each chemical before using it. Mix in a well-ventilated area out of the wind.
	1b. Spilling chemical.	1b. Pour chemicals into sprayer slowly and carefully to avoid spilling. Keep cap securely on container when no in use.
	1c. Explosions; chemical reactions.	1c. Make sure tank has been cleaned out before inserting new chemicals. Follow instructions for mixing chemicals.
	1d. Back strain; overexertion.	1d. Know your weight lifting capacity and get help if needed. Lift using leg muscles. Keep back straight.
	1e. Too much chemical left over when job is complete.	1e. To minimize disposal problems, avoid mixing more chemicals than you will be using.
2. Driving tractor with pull-behind sprayer to and from work site.	2. Motor vehicle accident; striking pedestrians, bicyclists, or persons using rollerblades.	2. Wear prescription lenses, if required, and seatbelt. Verify that sprayer unit is securely attached to tractor. Verify that all equipment on vehicle is secured properly. Stay alert for pedestrians, bicyclists, and persons using rollerblades.
3. Spraying insecticides and fungicides with pull-behind sprayer.	3a. Injuries to coworkers or pedestrians.	3a. Verify that no one is in the work area before beginning to spray. Spray chemicals very early in the morning (before 7 am if possible) to void contact with people. Do not spray on windy days. Carry chemical labels with you at all times.

	3b. Chemicals on skin or in eyes; inhalation of chemicals.	3b. Wear chemical gloves, safety glasses, chemical (tyvec) suit, rubber boots, and respirator. Be familiar with guidelines in MSDS for each chemical before using it. Do not spray on windy days.
	3c. Polluting standing water.	3c. To avoid hazards to humans and wildlife, never spray chemicals in standing water.
4. Spraying herbicides manually with pull-behind sprayer.	4a. Injuries to others.	4a. Do not spray on windy days. When people enter work area, stop spraying until they leave the immediate area.
	4b. Chemicals on skin or in eyes; inhalation of chemical by person spraying herbicides.	4b. Wear chemical gloves, safety glasses, chemical (tyvec) suit, rubber boots, and respirator. Be familiar with guidelines in MSDS for each chemical before using it. Do not spray on windy days.
	4c. Tractor driver exposed to chemicals.	4c. Tractor driver should wear rubber gloves and safety glasses.
	4d. Tripping over hose.	4d. Tractor driver should keep hose out of the way of the person applying the chemical.
	4e. Hose leaking, breaking, or melting.	4e. Inspect hose before use and replace if necessary. Make sure hose does not lay on top of muffler or sprayer. Do not back over hose with the tractor. Prevent other vehicles from running over hose.
	4f. Ingestion of chemicals.	4f. Do not smoke or eat when applying chemicals.
5. Cleaning up after spraying chemicals.	5a. Splashed with chemicals; inhalation of chemicals.	5a. Wear chemical gloves, safety glasses, chemical (tyvec) suit, rubber boots, and respirator.
	5b. Explosions; chemical reactions.	5b. Rinse and drain inside of tank thoroughly before inserting new chemicals. Dispose of rinse water properly.

	5c. Contaminating self with chemicals.	5c. Remove contaminated suit and dispose of it properly in drum designated for storage of chemical waste. Wash off boots, gloves, respirator, and goggles. Shower thoroughly.
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