

Commercial Greenhouse & Nursery Safety Inspection Checklist

Site / Project	_____	Address	_____
Inspector name	_____	Company	_____
Date	_____	Time	_____

Documentation aid only. Adapt this resource to the site, manufacturer instructions, and applicable local requirements. It does not replace a competent person, professional judgment, legal advice, or a required statutory form.

Inspection checklist

Pesticide Safety & WPS Compliance

☐ Are WPS training records up-to-date for all employees handling or exposed to pesticides? (Verify training within the last 12 months)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Are workers notified of pesticide applications via postings, oral warnings, or both, as required by WPS?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Is the Restricted Entry Interval (REI) clearly posted at the treated area entrance, and are workers prohibited from entering during the REI?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Are adequate decontamination sites (water, soap, towels) readily accessible to workers handling pesticides, within 1/4 mile?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Is emergency information (name, address, and phone number of nearest medical facility) prominently displayed at the worksite?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Are pesticides stored in a secure, well-ventilated area, away from food, feed, and water sources, and in accordance with label instructions?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Are pesticide mixing and loading procedures conducted in a manner that minimizes worker exposure (e.g., using closed systems or engineering controls)?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Is appropriate PPE (gloves, respirators, eye protection, etc.) readily available, properly fitted, and in good condition for workers handling pesticides?	☐ Pass	☐ Fail	☐ N/A	Notes: _____

☐	Is PPE cleaned and maintained according to manufacturer's instructions and WPS requirements?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are empty pesticide containers properly rinsed (triple-rinsed or equivalent) and disposed of according to label instructions and local regulations?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is pesticide application equipment (sprayers, etc.) properly calibrated and maintained to prevent leaks and ensure accurate application rates?	☐ Pass	☐ Fail	☐ N/A	Notes: _____

Heat Stress Prevention

☐	Have all employees received training on heat stress recognition, prevention, and first aid?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is there an acclimatization program in place for new workers or those returning after an absence, gradually increasing workload and exposure to heat?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is cool, potable water readily available to all employees, and are they encouraged to drink frequently (at least 1 cup every 15-20 minutes)?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is adequate shade (natural or artificial) available for employees to take breaks during periods of high heat?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are work/rest schedules adjusted based on the heat index, with more frequent and longer breaks during hotter periods?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is a buddy system in place to monitor workers for signs and symptoms of heat stress?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is the heat index (temperature and humidity) regularly monitored, and are appropriate precautions taken based on the level of risk?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are supervisors and employees trained in recognizing and providing first aid for heat stress, including cooling measures and when to call for medical assistance?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are daily heat logs maintained, documenting temperature, humidity, work/rest schedules, and any heat-related incidents?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are greenhouse ventilation systems (fans, vents) functioning properly to reduce heat buildup?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are employees encouraged to wear light-colored, loose-fitting clothing to minimize heat absorption?	☐ Pass	☐ Fail	☐ N/A	Notes: _____

Electrical Safety

☐	Are all electrical outlets within 6 feet of water sources (irrigation systems, sinks, etc.) protected by Ground Fault Circuit Interrupters (GFCIs)?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are extension cords free from damage (cuts, frays, exposed wires) and used appropriately (not overloaded or used as permanent wiring)?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are all electrical tools and equipment properly grounded, or double-insulated?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is access to electrical panels clear and unobstructed, with at least 3 feet of clearance in front?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are electrical panels properly labeled to indicate the circuits they control?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is electrical equipment used in wet locations (e.g., irrigation pumps) rated for wet locations (NEMA 4 or equivalent)?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is a Lockout/Tagout (LOTO) program in place and followed for servicing or maintaining electrical equipment?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are electrical repairs and installations performed only by qualified personnel?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are workers aware of the location of overhead power lines and maintaining a safe distance (at least 10 feet) when working with equipment or tools?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are regular electrical inspections conducted by a qualified electrician to identify and correct potential hazards?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is all wiring properly installed in conduit or raceways to protect against physical damage?	☐ Pass	☐ Fail	☐ N/A	Notes: _____

Nutrient Solution & Chemical Handling

☐	Are incompatible chemicals (e.g., acids and bases) stored separately to prevent dangerous reactions?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are all chemical containers clearly labeled with the chemical name, hazards, and appropriate warnings?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are Safety Data Sheets (SDS) readily accessible to all employees for all chemicals used in the operation?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is a spill control plan in place, and are spill kits readily available in areas where chemicals are handled or stored?	☐ Pass	☐ Fail	☐ N/A	Notes: _____

☐	Are bulk chemical storage tanks equipped with secondary containment to prevent spills from reaching the environment?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are chemicals mixed according to label instructions, using appropriate PPE and ventilation?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is adequate ventilation provided in areas where chemicals are mixed or handled to prevent the buildup of hazardous vapors?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are eyewash stations and safety showers readily accessible in areas where chemicals are handled, and are they tested regularly?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are chemical wastes disposed of properly, in accordance with local, state, and federal regulations?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is the pH of nutrient solutions regularly monitored and adjusted to ensure optimal plant health and prevent chemical imbalances?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are waste nutrient solutions disposed of properly to prevent environmental contamination?	☐ Pass	☐ Fail	☐ N/A	Notes: _____

Mobile Equipment & Vehicle Safety

☐	Are all forklift operators certified and trained in accordance with OSHA requirements?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are forklifts inspected daily before use, and are inspection records maintained?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Is regular maintenance performed on forklifts, and are maintenance records kept?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are all vehicles (trucks, tractors, ATVs) inspected regularly for safety defects (brakes, lights, tires)?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are seatbelts required and used by all vehicle operators and passengers?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are speed limits established and enforced within the greenhouse and nursery areas?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are pedestrian walkways clearly marked and separated from vehicle traffic areas?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are all vehicles equipped with functioning backup alarms?	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Are all vehicle operators trained on safe operating procedures and site-specific hazards?	☐ Pass	☐ Fail	☐ N/A	Notes: _____

☐ Are load limits for vehicles and forklifts clearly posted and adhered to? ☐ Pass ☐ Fail ☐ N/A Notes: _____

☐ Is traffic flow managed effectively to prevent collisions, especially in high-traffic areas? ☐ Pass ☐ Fail ☐ N/A Notes: _____

Findings

#	Item	Location	Severity	Action required
1				
2				
3				
4				
5				
6				
7				
8				

Signature

Inspector signature _____

Name _____

Date _____