

Growth Chamber Rules and Regulations

1. PI's are responsible for informing employees and students of these policies and proper procedures.
2. No herbicide of any kind should be used in the growth chambers. Paraquat, basta or other experimental herbicides and the volatile plant growth regulators including ethylene and jasmonate should be applied elsewhere; the treated plants can be returned to the chambers. Please note that the other location should be void of any plant disease or pests.
3. Since the growth chambers are provided for research purposes, non-research plant materials are not to be grown in the growth chambers.
4. The growth chamber rooms are considered a laboratory; therefore, proper lab safety should be followed at all times.
5. Make sure the doors of individual growth chambers are closed and latched.
6. Plants from other locations, including but not limited to outdoors, greenhouses, and other chambers must not be brought into the growth room. Plants grown under aseptic conditions (i.e. in Petri dishes and magenta boxes) are exceptions to this rule.
7. Plants leaving this room cannot be brought back. Unless the other location is free of plant pathogen or diseases; plants should be carried in closed containers.
8. Do periodic inspections for diseases and pests. Once a problem is recognized, proper actions must be taken to resolve the problem. First, inform the growth room coordinator.
9. Prior to any pesticide applications the growth room coordinator and all parties using the growth rooms must be notified (sending voicemails or e-mails is not sufficient). A response must be received from the PI or a contact person.
10. Do not do potting or trim plants inside growth chambers. Sensors and equipment are easily damaged by debris. Please keep your growth chamber clean at all times.
11. Water spillage on the floor should be wiped immediately.
12. No carts and water containers or any other material may be stored in the growth rooms.
13. Final harvest of seed or plant material should be done elsewhere (clipping a few leaves does not violate this rule). The waste potting soil and plant material should be immediately bagged and removed from the room. Potting soil and plants material from engineered plants must be autoclaved before disposal.
14. The growth room door is to be locked at all times.
15. Do not open the windows/doors of the other growth chambers.
16. Do not store any materials in the growth chamber rooms.
17. Do not work with open containers of flammable or volatile materials (i.e., solvents) inside the growth chambers as explosion or suffocation can occur.
18. Lights should be turned off in the growth chamber room when not in use.
19. At the end of your contract, growth chamber should be cleaned and sanitized. A completed user checkout sheet will be required followed by an inspection before the contract period ends. User fees will continue until a checkout sheet is completed and verified.

- 20.** Any alterations/modifications (either temporary or permanent) to the growth chambers will not be allowed except by written approval from the growth room oversight committee.
- 21.** Growth chamber set points are to be posted on each individual chamber and provided to the growth room coordinator.
- 22.** Individuals are to report any insects trapped on the room sticky traps to the room coordinator.
- 23.** Please report any violations to the growth room coordinator, the coordinator will make periodic unannounced inspections of the rooms. Please note that repeated violations can result in loss of privileges to use the growth chambers in Latham.