

Latham Hall SOP for Handling Non-transgenic and Transgenic Seeds and Plants in Common Areas and potting room

- 1. Since transgenic plants are visually indistinguishable from wild type plants, all of the below protocols for transgenic plants are to be followed for transgenic as well as non-transgenic plants by scientists in laboratories that work with both transgenic and non-transgenic plants.**
2. Keep transgenic plants inside PIs' labs or inside closed growth chambers at all times besides when moving plants between labs or growth chambers.
3. Avoid loss of seeds of transgenic plants in common areas by avoiding whenever possible movement of plants that are either flowering and/or have siliques.
4. If transgenic plants that are flowering or that carry siliques need to be moved, only move plants on carts keeping them covered, or bagged, during transport, clean carts after use, and discard any plant material including seeds in the lab following IBC-approved protocols.
5. Never discard any transgenic plant material in common areas. All plant material needs to be autoclaved.
6. Exclusively collect seeds inside PIs' labs following appropriate IBC-approved SOPs.
7. Never take transgenic plants outside Latham Hall unless you have IBC-approved SOPs.
8. Room 127 is equipped with a dust collection system that includes HEPA filters installed into the cabinets designated for grinding work. This room can thus be used for grinding seed or for similar dust-producing procedures as long as the procedure is specified in the PI's IBC-approved SOP.

NOTE: When the HEPA-filtered cabinets are unavailable or inoperative, the use of voluntary N95s are recommended.