

**FACILITY INSPECTION CHECKLIST
FOR
CONTAINMENT OF GENETICALLY ENGINEERED ORGANISMS**

Address of FacilityResponsible Person (Applicant)

Name

Address

() _____
Telephone Number() _____
Telephone Number

Location of all Facilities Covered by this Inspection

Building Name _____

Room/Laboratory _____

Growth Chamber Identification _____

Greenhouse Number or other Identification _____

RESEARCH QUALIFICATIONS AND GENERAL BACKGROUND

1. Does this facility operate under the National Institutes of Health (NIH) Recombinant Advisory Committee (RAC) recombinant-DNA (r-DNA) guidelines? Yes____ No____

2. Is there a written policy regarding handling of rDNA at this establishment? Yes____ No____

3. Who is the chairperson of the local Institutional Biosafety Committee (IBC)?

Name and Title

4. Who is the scientist who will conduct the research?

Name and Title

HANDLING OF MATERIAL - GERMINATION

14. A. Is there a cabinet to store seeds, plant material, tissue cultures, etc.? Yes___ No___
 B. If yes, does it have a lock? Yes___ No___
 C. Is the storage container identified with a sign stating
 it contains a genetically engineered organism? Yes___ No___
 D. If not, when will a sign be installed? Date _____
15. Where will seeds, tissue cultures, plant material, etc. be grown or germinated?
16. What medium will be used for seed germination? (e.g., germination paper, perlite, sand)
17. Is there any danger of seeds, tissue cultures, plant material, etc. being lost during this germination process, or of ungerminated seed being transferred into subsequent research stages? Yes___ No___
18. Are there any cracks or irregular surfaces in the germination laboratory that could trap seeds? Yes___ No___
 If Yes, describe size and location of cracks.
19. Are there water drains in the laboratory? Yes___ No___
20. Are the drains screened? Yes___ No___
 If so, what is the size of the screen?
21. Does the drain system enter into a special waste trap? Yes___ No___
22. How will the germinated seed be moved to the growth chamber?
23. How will petri dishes, tissue cultures, spores, plant materials, etc. be moved from the laminar flow hood, to the incubator, to the growth chamber?
24. How will the regulated articles be kept separate from other organisms?

HANDLING OF MATERIAL - GROWTH CHAMBER

25. Does growth chamber have access by authorized personnel only? Yes___ No___
26. Describe the growth chamber. lab top___ walk in___ built on site___ other___.
27. Will the material be grown with any other plant materials in the same chamber?
If yes, name the types of plants. Yes___ No___
28. How will genetically engineered plants and/or containers be physically marked?
29. Does the growth chamber have water drains? Yes___ No___
If so, can they be screened? Yes___ No___
30. Does the drain system enter into a special waste trap? Yes___ No___
31. Where is the autoclave or incinerator in relation to the growth chamber?
32. Can the growth chamber be locked and separated from other growth chamber(s)? Yes___ No___
33. How will the material be transferred to the greenhouse?
34. How will the regulated articles be kept separate from other organisms?

HANDLING OF MATERIAL - GREENHOUSE

35. What is the name of the greenhouse manager? _____
36. Is the greenhouse accessed by authorized personnel only? Yes___ No___
37. A. Does the greenhouse have a double door entry system? Yes___ No___
B. Is the greenhouse entry through a "headhouse"? Yes___ No___
38. A. Do the greenhouse doors have locks? Yes___ No___
B. Is there a rear exit door? Yes___ No___
39. What type of greenhouse? Glass___Lexan___Plastic Poly___Screen___Other___
If screen, what size mesh?
If Poly, what thickness?

40. What are the approximate outside dimensions of the greenhouse(s)?
41. A. Do the roof vents open? Yes___ No___
 B. If the roof vent opens, is it screened? Yes___ No___
 What size is the screen mesh?
42. What kind of floor does the greenhouse have?
 Concrete___ Gravel___ Packed Dirt___ Other (Explain)_____
43. Does the greenhouse have water drains? Yes___ No___
 Do they enter into a special waste trap? Yes___ No___
44. A. Does the greenhouse have black light traps for vectors? Yes___ No___
 B. Does the greenhouse have "Sticky Board" traps for vectors? Yes___ No___
 C. Does the greenhouse have other kinds of vector traps? Describe.
45. How will the plants be grown in the greenhouse? On Benches___ In Flats___ In
 Pots___, Other (describe)_____.
46. Will there be physical markers on each plant or container indicating that the plants are
 genetically engineered? Yes___ No___
47. Where is the autoclave or incinerator in relation to where the plants will be grown?
48. Are there any openings in the greenhouse through which animals and pollinating insects could
 enter? Yes___ No___
49. How will the regulated articles be kept separate from other organisms?

GENERAL CONSIDERATIONS

What kinds of Aspill response≡ action plan/equipment is available for items spilled in transit between labs, chambers, and greenhouses? Items should be carried in containers so Aspill≡ should not occur..

Are any similar plants growing in the area, either on the facility grounds or outside of the facility grounds?

What other factors are present which may influence the handling of seed or plants and may have an effect on containment or risk?

Inspect for other specific conditions as stipulated on the permit.

Name of State Plant Pest Regulatory
Official Performing Inspection

Printed Name of PPQ Officer
Performing Inspection

Signature