

Applicant/GBK Ref No.:	Inspector:
Premise:	Date:
Principal Investigator:	Time:

Check (✓) in the appropriate box that best describes the laboratory in which work will be performed.

A. Plant Facilities		Yes	No	NA	Details / Comment
1.	Is a universal biohazard symbol for BSL 2 posted at the entrance of the plant facility? Do the sign include name, and phone number of the laboratory supervisor or other responsible personnel?				
2.	Is a signage posted indicating that a contained experiment is in progress? Does the signage indicate the following: (i) the name of the responsible individual, (ii) the species in use (and common name), and (iii) any special requirements for using the area?				
3.	Is a dedicated hand basin of the hands-free operation type provided within plant facilities?				
4.	Are all surfaces easily cleanable in accordance with the requirement for research and maintenance of healthy plants?				
5.	Are the walls and roof constructed of impact and weather resistant materials are maintained in good condition?				
6.	Is the plant facility floor composed of impervious material?				
7.	If the plant facility has windows and other openings in the walls and roof that open for ventilation, are they fitted with fine screens?				
8.	If intake fans are used, are measures taken to minimize the ingress of arthropods (Louvers shall be constructed)?				
9.	Is there a good housekeeping in the laboratory?				
10.	If the plant facility is isolated unit, is there any anteroom for entry and exit?				
11.	Sticky mats / footbath				
B. Safety Equipment		Yes	No	NA	Details / Comment

Inspection Checklist: Biosafety Level 2 (Nursery / Greenhouse)

Department of Biosafety

12.	Is a liquid or solid waste treatment system in place to prevent escape of viable plant material and microorganism into the environment?				
13.	Is an autoclave available for the treatment of contaminated plant materials?				
C. PPE (Personal Protective Equipment)		Yes	No	NA	Details / Comment
14.	Are suitable PPE available relevant to the hazard on the plant facility and used by facility personnel?				
15.	Are covered shoes/foot cover used in the plant facility?				
16.	Is reusable clothing appropriately contained and decontaminated before being laundered?				
17.	Are disposable PPE and other contaminated waste appropriately contained and decontaminated prior to disposal?				
D. Work Practices					
18.	Are materials containing experimental microorganisms, which are brought into or removed from the greenhouse facility in a viable or non-viable state, are transferred in a closed non-breakable container?				
19.	Is access to the plant facility limited to authorized personnel?				
20.	Is SOPs for emergency response in place and are staffs trained on these procedures?				
21.	Is there a pest control program in place?				
22.	Is there any Biosafety Manual in the plant facility?				
23.	Are animals and plants not associated with the work found in the plant facility?				
24.	Are all waste plants, tissues, soil substitutes and the containers decontaminated before disposal?				
25.	Is biological containment (e.g. bagging the soils) practiced?				
26.	Are non-GM plants (e.g. ornamental plants) grown outside or close to the facility?				
27.	Are the researchers doing non-GM works in the GM facility?				

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		Yes	No	NA	Details / Comment
E. Records and Documents For :					
28.	Procurements and transfers of Plant material / LMO				
29.	Plant material / LMO inventory				
30.	SOPS for plant facility activity				
31.	Staff training and competency				
32.	Equipment maintenance				
33.	Decontamination and validation				
34.	Incident/accident/laboratory exposure				
35.	Logbook user of plant facility/equipment				
Additional comments/observations and recommendation :					

Inspector's signature:

Date: