

National Institute of Plant Genome Research, New Delhi 67
PLANT GROWTH FACILITY (RESERVATION FORM)

User and Concern Scientist:

User laboratory address:

Telephone: (Office) (Mobile) Email:

Nature of research : Ecological / Environmental () Biochemical () Physiological ()
(Please tick) Genetical () Pathological () Others ()

Crop species and cultivar:

Genetically modified: GM* () Non-GM () **(Please provide IBSC reference for growing GM material)**

For pathological experiment, please indicate name of the species and pathotype:

Expected duration of the experiment: days / week / months Desired start date:

Type of Growth Chamber needed:

| Model | Yes / No | Total area |
|--|----------|------------|
| PGR15 with growth area 1.4 m ² (15 ft ²) | ----- | ----- |
| PGV36 with growth area 3.3 m ² (36 ft ²) | ----- | ----- |
| PGV40/GR40 with growth area 3.7 m ² (40 ft ²) | ----- | ----- |
| PGC Flex with growth area 5.2 m ² (57 ft ²) | ----- | ----- |
| CG72 with growth area 6.7 m ² (72 ft ²) | ----- | ----- |

Desirable growth conditions (please see the PGF personnel before starting the program):

| | | | | |
|-------------------|-----|--------------------------------|-------|--------------------------------|
| Temperature | Day | (°C) | Night | (°C) |
| Relative Humidity | Day | (%) | Night | (%) |
| Light intensity | Day | (μE/m ² /s or klux) | Night | (μE/m ² /s or klux) |
| Light durations | Day | (hours) | Night | (hours) |

Signature of the student user(s)

Signature of the Investigator (with official seal)

For PGF use only (please do not fill in)

Allotted / Not Allotted for days / weeks / month duration.

Comments (if any) :
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.....

PGF In-charge:

Director NIPGR (for outside users)

Important instructions to be followed by the users

1. A faculty will get only one chamber of any kind at a time. PGV36, pGV40, and CG72 will be provided on sharing basis for transgenic and breeding crops.
2. Two PGC Flex chambers are exclusively dedicated for Arabidopsis growth experiments and can be shared by multiple users. Growth space for 5 standard sized trays per faculty will be allotted in these chambers.
3. A chamber can be allotted for a maximum of 4 months and allotment will be circulated among the faculties according to the date of indent.
4. The users should wait for 3-5 working days in order to know the availability and allotment of the growth facility.
5. Users must attend to the experiments during official hours i.e. between 0900 to 1730 hours from Monday to Friday. For entry during the non-official hours, entry / gate pass issued by the PGF staff is mandatory.
6. Users must wear apron and should make entry in the growth chamber area through the air-curtain and air-shower only. The PGF has dedicated pairs of slippers, which must be used in the main hall area.
7. Users must accompany their helping staff / attendants / *beldars* who would be coming regularly to attend the experiments. These attendants are not allowed to work on their own. It is recommended to have pot preparation between 0830 to 1530 hours.
8. Genetically modified material should be handled as per the IBSC guidelines. A copy of approval letter must be enclosed with the reservation form. The facility has separate dustbins labelled for discarding the transgenic material and soil.
9. Please keep the facility and working area clean once you have finished your work. Use dedicated garbage bins (separate for GM and non-GM material) and do not spill the water/nutrient solution.
10. Inform the PGF staff about the completion of your experiment and discard the growing media/plant material appropriately.
11. Do not touch controller / electric panels of the growth chamber area by yourself for changing the growth condition. Please call PGF staff for any assistance.
12. Transfer of plants brought from field is strictly prohibited. The lab regenerated plants should be uncovered in the facility area to minimize any infection.
13. The pesticide spray inside the growth chamber area will be user's responsibility. Please consult the PGF staff before spraying.
14. Bring your own stationary items like markers, forceps, envelopes, etc.
15. Users outside NIPGR, need to meet the expenses of the experiment themselves, after obtaining permission of the Director, NIPGR and necessary approvals, if any.