

FORM-II B

MINISTRY OF ENVIRONMENT AND FORESTS Application for Environmental Approval of Transgenic Plants (Genetically Modified Plants)

Part A

- a) Not all the points included will apply to every case. It is to be expected, therefore, that individual applicant will address only the particular parameters that are appropriate to individual situations. In each case where it is not technically possible or it does not appear necessary to give the information, the reasons shall be stated.
- b) The details required in response to each parameter is also likely to vary according to the nature and scale of the proposed release.
- c) The description of the methods used or the reference to the standardized or internationally recognized methods shall also be mentioned in the proforma together with the name of the body or bodies responsible for carrying out the studies.

Part B

1. Name of the applicant:
2. Name of the organization:
3. Approval required :
 - (i) Production
 - (ii) Import/export
 - (iii) Release/marketing
 - (a) Imported material
 - (b) Indigenously developed material

Part C

1. Identification of the Transgenic Plant
 - (i) Donor species
 - (ii) Recipient Plant Species

2.Risk Assessment

- (i) Are they harmful species or closely related to any such species?
- (ii) Are they harmful to man, animal, plant or environment?

3.Anticipated or actual expression of the incorporated genetic material in the plant

- (i) Modified Plant
 - (ii) Non-modified Plant
- (a)Morphology
 - (b)Physiology
 - (c)Number of copies of the genes incorporated
 - (d)Products

4.Purpose of the experimental design:

- (i)Resistance to pesticides
- (ii)Resistance to biotic stress
- (iii)Resistance to abiotic stress
- (iv)Metabolites
- (v)Any other

5.Details of the experimental system

- (i) Nature of gene
- (ii) Vector/vector agent used for gene transfer
- (iii) Testing procedure for transgene

6.Safeguards required for field release

- (i) Biological
- (ii) Physical

7.Site for field trials

8.Mode of propagation/pollination

9.Regulatory status in India/abroad (enclose certificate duly signed by applicant)

Applicant's signature with seal

