

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 319
TO BE ANSWERED ON 18.07.2017

Field Trials of GM Crops

319. SHRI SANKAR PRASAD DATTA:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) the norms/guidelines regulating the field trials of Genetically Modified (GM) crops;
- (b) the present status of field trials of 13 GM food crops including mustard and brinjal;
- (c) the details of crops subjected to GM field trials and the organizations/States involved therein;
- (d) whether certain States/agencies/experts have expressed their reservations over introduction and field trials of GM crops; and
- (e) if so, the details thereof and the reaction of the Government thereto including the steps taken to address the objections/concerns?

ANSWER

MINISTER FOR ENVIRONMENT, FOREST AND CLIMATE CHANGE
(DR. HARSH VARDHAN)

- (a) All Genetically Engineered (GE) products in India are regulated under the Rules for Manufacture, Use, Export, Import and Storage of Hazardous Microorganisms/Genetically Engineered Organisms or cells (Rules 1989), made under Environment (Protection) Act, 1986. The field trials of GE crops are regulated under Guidelines and Standard Operating Procedures (SOPs) for confined field trials of regulated, GE plants, 2008.
- (b) At present, two field trials are being conducted on Genetically Modified (GM) Maize at Punjab Agricultural University (PAU), Ludhiana. Other GM food Crops including mustard and brinjal are not under field trials at present.
- (c) The details of crops subjected to GM field trials and the organizations/state involved therein are enclosed at Annexure I.
- (d)& (e) This Ministry is not aware about reservations over field trials of GM Crops. However, No Objection Certificate (NOC) from State Government is required to conduct confined field trials.

Details of GE crops subjected to field trials and the Organizations/ States involved therein

Name of the crop	Organization/ State
Cauliflower	Nunhems India Pvt Ltd, Gurgaon/ Haryana and H.P.
	M/s. Sungro Seeds Ltd., Delhi/ Haryana and Karnataka
Cabbage	Nunhems India Pvt Ltd, Gurgaon/Haryana & HP
	M/s. Sungro Seeds Ltd., Delhi/ Haryana and Karnataka
Castor	Directorate of Oilseeds Research, Hyderabad/ A.P.
Groundnut	ICRISAT, Patancheru/A.P.
Brinjal	Mahyco, Mumbai/ Maharashtra, TN, Karnataka, Punjab, Haryana, MP, Rajasthan and AP
	M/s. Sungro Seeds Ltd., Delhi/ Punjab, Haryana, Rajasthan, UP, Delhi and Karnataka
	BejoSheetal Seeds Pvt. Ltd., Jalna/ Maharashtra, A.P. , U.P and IARI, New Delhi
Maize	Dow AgroSciences India Pvt. Ltd., Mumbai/ Tamil Nadu and Karnataka
	Pioneer Overseas Corporation, Hyderabad/ Rajasthan, Tamil Nadu, Karnataka/ A.P/Gujarat/ Haryana and Punjab
	Monsanto India Ltd., New Delhi/ M.P., Haryana and Tamil Nadu
	Monsanto India Ltd., New Delhi/ Haryana, Punjab, Gujarat, Maharashtra
	Syngenta Biosciences Pvt. Ltd., Pune/ U.P., Rajasthan, Tamil Nadu, Gujarat, Haryana, Punjab
Cotton	Dow AgroSciences India Pvt. Ltd., Mumbai/ Maharashtra and Gujarat
	JK Agri Genetics Ltd., Hyderabad/ Punjab and Rajasthan
	Mahyco, Mumbai/ Gujarat, AP
	Bayer Bioscience Pvt Ltd., Gurgaon/ A.P, Haryana, Punjab, Gujarat
	Metahelix Life Sciences Pvt. Ltd, Bangalore/ A.P.
	M/s. Mahyco, Mumbai/ A.P, Haryana, Punjab, Gujarat, Maharashtra.
	M/s. Bayer Bioscience Pvt. Ltd., Gurgaon / Punjab, Haryana, Gujarat
	University of Agriculture Sciences, Dharwad/ Karnataka
	M/s. Monsanto Holding Pvt. Ltd., New Delhi/ Maharashtra, Punjab
Chickpea	M/s. Sungro Seeds Ltd., Delhi / A.P.
	ICRISAT, Patancheru/A.P.
Mustard	IARI, New Delhi/ Haryana and Punjab
	University of Delhi South Campus, New Delhi/Rajasthan
Rice	Mahyco, Mumbai/ A.P.
	Bayer Bioscience Pvt Ltd., Gurgaon/ A.P. and Karnataka
	DuPont Knowledge Center, Hyderabad/ A.P., Karnataka
	Bayer Bioscience Pvt Ltd., Gurgaon/ Maharashtra
	M/s. Mahyco, Mumbai/ Maharashtra
Sorghum	National Research Centre for Sorghum, Hyderabad/ A.P.
Pigeonpea	ICRISAT, Patancheru/A.P.