

1. List of Biosafety Research Level-1 (BRL-1) trials conducted during Rabi 2010

S. No.	Name of the Crop Developer	Lead scientist	Crop	Trait	Promoter & Marker genes used	Exact location of the trial	Biosafety norms laid down for the trial
1	M/s. Pioneer Overseas Corporation, Hyderabad	Dr. Ankaiah	Corn	Herbicide tolerance	Promoter: ubiquitin(ubiZM1) and CaMV35S gene Marker: pat gene	Regional Agricultural Station, Acharya N.G. Ranga Agricultural University (ANGRAU) LAM farm, Guntur, A.P.	Central Compliance Committee (CCC) Team visited the trial site on 6.5.2011 and confirmed the compliance of biosafety norms by the applicant, as prescribed in the Guidelines & Standard Operating Procedures for confined field trials, 2008.
2	M/s. Pioneer Overseas Corporation, Hyderabad	Dr. C P Mallapur	Corn	Herbicide tolerance	Promoter: ubiquitin (ubiZM1) and CaMV35S gene Marker: pat gene	F Block- 156, Univeristy of Agricultural Sciences (UAS), Dharwad, Karnataka	Central Compliance Committee (CCC) Team visited the trial site on 4.6.2011 and confirmed the compliance of biosafety norms by the applicant, as prescribed in the Guidelines & Standard Operating Procedures for

							confined field trials, 2008.
3	M/s. Syngenta Biosciences Pvt. Ltd., Mumbai	Dr. J.P.Shahi	Corn	Herbicide tolerance and Insect resistance	Promoter: 35S in Bt11- event. Rice actin promoter in GA21 event No marker- in GA21 event. <i>Pat</i> gene in -Bt11 event	Institute of Agricultural Sciences, BHU, Varanasi, UP	Central Compliance Committee (CCC) Team visited the trial site on 26.5.2011 and confirmed the compliance of biosafety norms by the applicant, as prescribed in the Guidelines & Standard Operating Procedures for confined field trials, 2008. On account of hailstorm, lodging occurred on two replications and the CCC team suggested counting of the lodged plants. Actual count was done and the lodging was found to be 3.56% of the total plants.
4	M/s. Syngenta Biosciences Pvt. Ltd	Dr. R.B.Dubey	Corn	Herbicide tolerance & Insect resistance	35S in Bt11- event. Rice actin promoter in GA21 event	CTAF farm, Maharan Pratap University of Agriculture & Technology	Central Compliance Committee (CCC) Team visited the trial site on 19.5.2011 and

					No marker- in GA21 event. <i>Pat</i> gene in - Bt11 event	(MPUAT), Udaipur, Rajasthan	confirmed the compliance of biosafety norms by the applicant, as prescribed in the Guidelines & Standard Operating Procedures for confined field trials, 2008. The Committee suggested screening of <i>Helicoverpa</i> also in future trials.
5	National Research Centre on Plant Biotechnology (NRCPB), IARI Campus, New Delhi	Dr. Yashpal Yadav at HAU, Bawal Dr. K.S.Brar, PAU, Bhatnda	Mustard	Abiotic stress (drought and salt) tolerance	CaMV35S promoter gene from Cauliflower Mosaic Virus. <i>nptII</i> (neomycin phosphotransferase) marker gene	At 2 locations viz. 1. Gaushala Area, Bawal, HAU, Hissar (Haryana) 2. Regional station PAU, 15-Delhi Pathak, Hazi Rattan Link Road, Karnail Singh Pakka, Bhatinda, Punjab	Central Compliance Committee (CCC) Teams visited the trial sites at HAU, Bawal on 3.4.2011; and PAU, Bhatinda on 10.4.2011; and confirmed the compliance of biosafety norms by the applicant, as prescribed in the Guidelines & Standard Operating Procedures for confined field trials, 2008.

7.	Delhi University South Campus	Dr. Amar Singh - Bharatpur Dr. C. Kumar-Navgaon Dr. B.S. Sidhu - Sriganganagar	Mustard	Male sterility	Promoters: TA 29 and CaMV 35S Marker: Bar gene	at 3 locations: Agricultural Research Station (SKRAU, Sriganganagar) KVK Kumher, Bharatpur Field No. 17 Kavellary Farm, Navgaon, Alwar, Rajasthan	Central Compliance Committee (CCC) Teams visited the trial sites at SriGanganagar on 8.2.2011 and 9.4.2011; to Bharatpur and Alwar on 12.2.2011; and confirmed the compliance of biosafety norms by the applicant, as prescribed in the Guidelines & Standard Operating Procedures for confined field trials, 2008.
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2. List of Biosafety Research Level-1 (BRL-1) trials approved during Kharif 2011

S.No.	Name of the Crop developer	Lead scientist	Crop	Trait	Promoter & Marker genes used	Exact location of the trial	Biosafety norms laid down for the trial
1	JK-Agrigenetics Ltd, Hyderabad	Dr. P.S. Bhattacharya	Cotton [BRL-1 (2 nd year trial) in North zone]	Insect resistance	<p><u>CryI Ac Event-1</u> CryI Ac gene under 2xCaMV35S Promoter and NOS terminator; NptII (Neomycin Phospho transferase II) marker gene under CaMV35S Promoter and NOS terminator</p> <p><u>CryIEC (Event-24)</u> CryIEC gene under 2xCaMV35S Promoter and NOS terminator; NptII (Neomycin Phospho transferase II) marker gene under NOS Promoter and NOS terminator</p>	<p>1.Bathinda (Punjab) Naryana village, Bathinda mandal, Bathinda dist.</p> <p>2.Sriganga Nagar (Rajasthan) 1-Z village, Sriganga Nagar mandal, Sriganga Nagar dist.</p>	Central Compliance Committee (CCC) Teams visited Bhatinda and Sriganganagar trial sites on 11.9.2011 and 10.9.2011 respectively. Both teams confirmed the compliance of biosafety norms by the applicant, as prescribed in Guidelines & Standard Operating Procedures for confined field trials, 2008.
2.	Directorate of Sorghum Research, Hyderabad	Dr. D. Balakrishna	Sorghum	Resistance to stem borer (<i>Chilo partellus</i>)	CaMV 35S promoter Marker: Kanamycin gene	Directorate of Oil Seeds Research (DOR) experimental field, E5 Block, Rajendranagar, Hyderabad	Not conducted during Kharif 2011 as the genotype was suitable for evaluation during Rabi season only. Hence the validity of the permission was extended to conduct the trial during

							Rabi 2011 instead of Kharif 2011.
3.	M/s. Maharashtra Hybrid Seed Corporation (MAHYCO), Mumbai	Mr. Sharad Ratnaparkhi	Roundup Ready Flex (RRF) cotton	Herbicide tolerance	Promoters: FMV/TSF1, 35S/ACT8 Marker gene: NIL	Village Bhadthana (Vadava), Taluq Karjan, Distt. Baroda, Gujarat	Not conducted as the sowing season was over.
4	M/s. Syngenta Biosciences Pvt. Ltd	Dr. M.V.Patel	Corn (BRL-1 : 2 nd year trial)	Herbicide tolerance & Insect resistance	35S in Bt11- event. Rice actin promoter in GA21 event No marker- in GA21 event. <i>Pat</i> gene in - Bt11 event	College Agronomy farm, Anand Agriculture University, Anand, Gujarat	Not conducted as the sowing season was over
5	Bayer	Mr. Sanjay Poshwal	Glytol cotton	Herbicide tolerance	Histone H4 gene from <i>Arabidopsis thaliana</i>	Vill. Kharka, Taluka & Dist. Sirsa, Haryana	Not initiated



No. BT/RTI/10/003/2011-PID

Dated: 05.10.2011

OFFICE MEMORANDUM

Subject: Application received under RTI Act – 2005 seeking information on field trials.

This has reference to your letter addressed to Public Information Officer, GEAC, M/o Environment & Forests, New Delhi dated 'Nil' on the above mentioned subject which was received in the Department on 13.09.2011 from Research Officer, MoE&F, New Delhi vide letter No. C-12019/8/2011-CS.III dated 08.09.2011. The requisite information is enclosed herewith. Since it contains 6 pages, you are requested to submit Rs. 12/- to Drawing and Disbursing Officer (DDO), Department of Biotechnology, New Delhi for providing the information.

K.K. Tripathi
5/10/11

(K.K. Tripathi)
Scientist-G &
Public Information Officer

To

Shri Nishank
Alliance for Sustainable and Holistic Agriculture (ASHA),
A-124/6, First Floor,
Katwaria Sarai, New Delhi – 110 016.

Copy for information to:

1. Dr. Ranjini Warriar, Director, CS Division & Member-Secretary, GEAC, Ministry of Environment & Forests, Paryavaran Bhavan, New Delhi.
2. PPVC Section, DBT