

**PLANTGERMPLASM REGISTRATION
COMMITTEE**
(Indian Council of Agricultural Research)
**ICAR-National Bureau of Plant Genetic Resources (NBPGR),
New Delhi**

**Proceedings of the XXXXIst Meeting of Plant Germplasm Registration Committee
(PGRC) held at ICAR-NBPGR, New Delhi
(September 29, 2020)**

The XXXXIst meeting of PGRC was held on **September 29, 2020** from 10:00 hrs. on wards in virtual mode at ICAR-NBPGR, New Delhi. The following members/invitees were present:

1.	Dr. TR Sharma	DDG (CS), Indian Council of Agricultural Research, New Delhi	Chairman
2.	Dr. DK Yadava	ADG (Seeds), Indian Council of Agricultural Research, New Delhi	Member
3.	Dr. RK Singh	ADG (CC), Indian Council of Agricultural Research, New Delhi	Member
4.	Dr. SK Jha	ADG (O&P), Indian Council of Agricultural Research, New Delhi	Member
5.	Dr. YP Singh	ADG (F&FC), Indian Council of Agricultural Research, New Delhi	Member
6.	Dr. V Pandey	ADG (Hort.-I), Indian Council of Agricultural Research, KAB-II, Pusa Campus, New Delhi	Member
7.	Dr. BK Pandey	ADG (Hort.-II), Indian Council of Agricultural Research, KAB-II, Pusa Campus, New Delhi	Member
8.	Dr. Kuldeep Singh	Director, ICAR-National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi	Member
9.	Dr. GP Singh	Director, Indian Institute of Wheat and Barley Research, Karnal, Haryana	Member
10.	Dr. NP Singh	Director, ICAR-Indian Institute of Pulses Research, Kanpur, Uttar Pradesh	Member
11.	Dr. Jagdish Singh	Director (Acting), ICAR-Indian Institute of Vegetable Research, Varanasi, Uttar Pradesh	Member
12.	Dr. Bakshi Ram	Director, ICAR-Sugarcane Breeding Institute, Coimbatore, Tamil Nadu	Member
13.	Dr. RK Mathur	Director, ICAR-Indian Institute of Oil Palm Research, Pedavegi, Andhra Pradesh	Member
14.	Dr. T Radhakrishnan	Director, ICAR-Directorate of Groundnut Research, Junagadh, Gujarat	Member

15.	Dr. KV Prasad	Director, ICAR-Directorate of Floricultural Research, Pune, Maharashtra	Member
16.	Dr. Gopal Lal	Director, ICAR-National Research Centre on Seed Spices, Ajmer, Rajasthan	Member
17.	Dr. PK Rai	Director (Acting), ICAR-Directorate of Rapeseed-Mustard Research, Bharatpur, Rajasthan	Member
18.	Dr. Sanjeev Gupta	Project Coordinator, AICRP on MULLaRP, ICAR-IIPR, Kanpur, Uttar Pradesh	Member
19.	Dr. GP Dixit	Project Coordinator, AICRP on Chickpea, ICAR-IIPR, Kanpur, Uttar Pradesh	Member
20.	Dr. BC Patra	Representative of Director, ICAR-National Rice Research Institute, Cuttack, Odisha	Member
21.	Dr. Jyothi Badri	Representative of Director, ICAR-Indian Institute of Rice Research, Rajendranagar, Hyderabad, Telangana	Member
22.	Dr. SB Singh	Representative of Director, Regional Maize Research and Seed Production Centre, Bihar, ICAR-Indian Institute of Maize Research	Member
23.	Dr. M Elangovan	Representative of Director, ICAR-Indian Institute of Millets Research, Rajendranagar, Hyderabad, Telangana	Member
24.	Dr. Jagesh Tiwari	Representative of Director, ICAR-Central Potato Research Institute, Shimla, Himachal Pradesh	Member
25.	Dr. Geetha K.A.	Representative of Director, ICAR-Directorate of Medicinal & Aromatic Plants Research, Anand, Gujarat	Member
26.	Dr. Ashok Kumar	Head, Division of Germplasm Evaluation, ICAR-National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi	Special invitee
27.	Dr. Anjali Kak Koul	Principal Scientist, Division of Germplasm, Conservation, ICAR-National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi	Special invitee
28.	Dr. Veena Gupta	Head (Acting), Division of Germplasm Conservation, ICAR-National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi	Member Secretary

The **XXXXIst** meeting of Plant Germplasm Registration Committee was held under the Chairmanship of Dr. TR Sharma, DDG (CS) in virtual mode. Dr. Kuldeep Singh Director, ICAR-NBPGR welcomed the Chairman and all the experts from different Institutes. Dr. TR Sharma emphasized that efforts should be made to promote the registration of trait specific germplasm, not only from ICAR institutes but from other organizations like SAUs, CSIR and DRDO.

The minutes of the **XXXXth** meeting of PGRC were adopted as such after the confirmation of the Chairman.

Following recommendations emerged during the discussion in PGRC meeting:

- The scope of review for the proposal should be broadened. In addition to crop specific ADG /Director/Project Director, proposals should be sent to at least three subject experts. The proposal will be considered for decision only if comments are received from at least two reviewers.
- The PGRC meetings should be held quarterly.

A total of 129 proposals were received for registration. Out of that, eight were reverted back and 80 were considered for registration along with comments received from the respective PD/PC or experts to ascertain their unique feature(s) and potential values, which formed the basis for registration. Each proposal was discussed in detail and recommendations of PGRC for each proposal has been summarized in the enclosed table. Finally, 78 proposals belonging to 38 species were approved for registration and two were deferred for want of additional data.

The meeting ended with vote of thanks by Dr Veena Gupta, Member-Secretary.



(Veena Gupta)
Member Secretary, PGRC
ICAR-National Bureau of Plant Genetic Resources
Pusa Campus, New Delhi-110 012

(TR Sharma)
DDG (CS) & Chairman, PGRC
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**XXXXIst Plant Germplasm Registration Committee Meeting (September 29, 2020):
Summary of New Proposals with Recommendations**

S. No.	App. No./ National Id.	Other Identity	Crop/ Botanical Name	Pedigree	Potentially valuable features	Corresponding author	Recommendations of PGRC
Cereals							
1.	19185; IC0599273 INGR20001	GQ-25	Rice/ <i>Oryza sativa</i>	SAMBA MAHSURI x SC 5126-3-2-4	High temperature tolerance.	Dr. CN Neeraja, ICAR-IIRR Hyderabad, Telangana	Recommended
2.	20049; IC0635011 INGR20002	AD (Bio) 09518	Rice/ <i>Oryza sativa</i>	ADT 43 x IRBB 60	Carries xa5,xa13 and Xa21 genes for BB resistance.	Dr. J Ramalingam, TNAU, Madurai, Tamil Nadu	Recommended
3.	19187; IC0635010 INGR20003	IET23814 (RPBIO5 478- 185M)	Rice/ <i>Oryza sativa</i>	Madhukar/ Swarna F10 recombinant Inbred line	High zinc in grains. Purple leaves. Purple panicles.	Dr. N Sarla, ICAR-IIRR Hyderabad, Telangana	Recommended: Paper Submitted
4.	19167; IC0635009 INGR20004	Rice Tetra 5-40	Rice/ <i>Oryza sativa</i>	Anther culture derived regenerants from rice line CR 5- 20	Tetraploid cytotype (2n=4x=48).	Dr. P Kaushal, ICAR-NIBSM, Raipur, Chhattisgarh	Recommended
5.	20005; IC0635014 INGR20005	HI 8791	Wheat/ <i>Triticum turgidum</i> subsp. durum	HI1531/HI8498//HI 8627	Resistant to stem leaf and stripe rusts. Resistant to flag smut. High yield potential.	Dr. SV Sai Prasad, ICAR-IARI Regional Station, Indore, Madhya Pradesh	Recommended
6.	20023; IC0635015 INGR20006	HI 1619	Wheat/ <i>Triticum aestivum</i>	W15.92/4/PASTO R//HXL7573/2*BA U/3/WBLL1	Resistant to leaf and stripe rusts. Resistant to Karnal bunt & flag smut. High yield potential.	Dr. SV Sai Prasad, ICAR-IARI Regional Station, Indore, Madhya Pradesh	Recommended
7.	20011; IC0635016 INGR20007	DBW 278	Wheat/ <i>Triticum aestivum</i>	PHS 714/UP 2425	High sedimentation value under very late (January) sown conditions of northern plains. additional feature of Multiple disease resistance (leaf rust, Karnal bunt and flag smut).	Dr. SK Singh, ICAR-IIWBR, Karnal, Haryana	Recommended
8.	20015; IC0635017	DBW 166	Wheat/ <i>Triticum</i>	DANPHE/CHONTE	High water use efficiency. Low Drought Susceptibility Index.	Dr. CN Mishra, ICAR-IIWBR,	Recommended

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	INGR20008		<i>aestivum</i>			Karnal, Haryana	
9.	20020; IC0635018 INGR20009	RWP- 2017-21	Wheat/ <i>Triticum</i> <i>aestivum</i>	Selection from Nadi (NAC/TH.AC//3*P VN/3/MIRLO/BU C/4/2*PASTOR/5/ KACHU/6/KACH U (15th HTWYT-5).	Heat tolerant genotype with lower grain yield reduction under heat stress.	Dr. Mamrutha HM, ICAR-IIWBR, Karnal, Haryana	Recommended
10.	20021; IC0635019 INGR20010	RW 5	Wheat/ <i>Triticum</i> <i>aestivum</i>	RAJ4014/WH730	Drought stress tolerance. Additional trait; Heat stress tolerance.	Dr. Ratan Tiwari, ICAR-IIWBR, Karnal, Haryana	Recommended
11.	20014; IC0635020 INGR20011	Karan Poshan 1 (33/2/1)	Wheat/ <i>Triticum</i> <i>aestivum</i>	Chinese Spring / <i>Ae. umbellulata</i> (P554410) PII72681 EC328177	High grain zinc content (78.4ppm).	Dr BS Tyagi, ICAR-IIWBR, Karnal, Haryana	Recommended
12.	20018; IC0635021 INGR20012	Karan Poshan 2 (98/3)	Wheat/ <i>Triticum</i> <i>aestivum</i>	Chinese Spring / <i>Secale anatolicum</i> (P 208/142) EC481695	High Grain Iron Content (62.9ppm).	Dr BS Tyagi, ICAR-IIWBR, Karnal, Haryana	Recommended
13.	19158; IC0635022 INGR20013	HS628	Wheat/ <i>Triticum</i> <i>aestivum</i>	HS240*2//FLW20// HS240*2//FLW13	Resistant to all pathotypes of brown rust except 77-8. Postulated <i>Lr19/Sr25</i> through host pathogen interactions and also confirmed the presence of using <i>Lr19/Sr25</i> STS markers Gb and PSY1-E1.	Dr. Dharam Pal, ICAR-IARI Regional Station, Shimla, Himachal Pradesh	Recommended
14.	20099; IC0633422 INGR20014	GW 2014-596	Wheat/ <i>Triticum</i> <i>aestivum</i>	GIANT3//HW 921/CPAN 1934	High Grain. Protein content.	Dr. SI Patel, SDAU, Vijapur, Gujarat	Recommended
15.	20100; IC0623434 INGR20015	GW 2010 288	Wheat/ <i>Triticum</i> <i>aestivum</i>	WR 196/CMH 83- 2578	Number of grains per spike >60. Thousand grain weight > 45 g. Iron content >42 ppm.	Dr. SI Patel, SDAU, Vijapur, Gujarat	Recommended
16.	20102; IC0635426 INGR20016	UP 2994	Wheat/ <i>Triticum</i> <i>aestivum</i>	HUW 636/PBW 651	High Protein content (Av. 14.33%). High iron (Fe) content (49 ppm) and zinc content (43.5ppm). Other	Dr. JP Jaiswal, GBPUA&T, Pantnagar, Uttarakhand	Recommended

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					desired quality traits (Hectolitre weight 80.7kg/kl & Sedimentaion value: 59.5ml).		
17.	20136; IC0635697 INGR20017	QST1910	Wheat/ <i>Triticum aestivum</i>	HD2967 / WH1080	Drought Tolerance Genotype. Low Drought Sensitivity Index.	Dr. Gopalareddy K, ICAR-IIWBR, Karnal, Haryana	Recommended
18.	19148; IC0635023 INGR20018	BHS 474 (BBM 777)	Barley/ <i>Hordeum vulgare</i>	BLG132/BHS369	Resistant against all the pathotypes of yellow rust and brown rust in seedling and also resistant to both the rust in adult plant stage. Seedling resistance against all the pathotypes of black rust except for pathotype 11.	Dr. Madhu Patial, ICAR-IARI Regional Station, Shimla, Himachal Pradesh	Recommended
19.	20012; IC0635698 INGR20019	DWRB20 7 (DWRFB 19)	Barley/ <i>Hordeum vulgare</i>	CDC Manley/ BCU2881	Highly resistant to stripe rust. High 1000 grain weight (47.5g). Low protein content (9.5).	Dr. Jogendra Singh, ICAR-IIWBR, Karnal Haryana	Recommended
20.	20108; IC0635430 INGR20020	UPB 1070	Barley/ <i>Hordeum vulgare</i>	DOLMA / BH 947	Resistance to yellow rust (ACI0.0). High yield potential in NHZ (29.2 q/ha). High bold grain percentage (89.4%) and other good agronomic traits	Dr. JP Jaiswal, GBPUA&T, Pantnagar, Uttarakhand	Recommended
21.	20030; IC0635024 INGR20021	LMDR-2	Maize/ <i>Zea mays</i>	LL49-2-1-1-3-2-1-?	Resistant to Maydis leaf Blight and moderately resistant to Charcoal Rot of Maize	Dr. Harleen Kaur, PAU Ludhiana, Punjab	Recommended
Millets							
22.	19196; IC0635027 INGR20022	VR 1081	Finger millet <i>Eleusine coracana</i>	GPU 28 x GE 4931	Finger Blast Resistance.	Dr. TSS K. Patro, ARS, Vizianagaram, Andhra Pradesh	Recommended
Grain Legumes							
23.	17042; IC0626208 INGR20023	IPAC 79	Pigeon Pea / <i>Cajanus cajan</i>	Bennur Local x BRG 1	Tolerant to waterlogging stress. Resistant to Phytophthora stem blight disease.	Dr. Dibendu Datta, ICAR-IIPR Kanpur, Uttar Pradesh	Recommended

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24.	18143; IC0635029 INGR20024	RCEA 14-5	Pigeon Pea/ <i>Cajanus</i> <i>cajan</i>	IPA 203 x ICPL 87154	No natural outcrossing. Twisted standard petal wrapped over wings. Free stamens (non-diadelphous condition).	Dr. AK Choudhary ICAR RCER, ICAR Parisar, Patna, Bihar	Recommended
25.	19173; IC0635030 INGR20025	IPAV 16- 1	Pigeon Pea/ <i>Cajanus</i> <i>cajan</i>	JBP 13	High 100 green seed weight of 50-52 g. High 100 dry seed weight of 22.5-23.04 g. Compact plant type with green colour stem, yellow colour flowers, brown colour pods of 9.5 to 10.25 cm length packed with 5-6 seeds/pod	Dr. Satheesh Naik SJ, ICAR-IIPR, Kanpur, Uttar Pradesh	Recommended
26.	19177; IC0635699	VMGG 012-005	Mung Bean/ <i>Vigna</i> <i>radiata</i>	<i>Vigna radiata</i> (VRM (Gg) 1 x <i>Vigna radiata</i> (Pusa bold)	Basal leaf of the plant is trifoliate and top of the leaves are trifoliate. Glabrous pods. Less stem with top bearing.	Dr. M Pandiyan, TNAU, Tamil Nadu	Deferred: Comments from the other expert should be sought.
27.	20006; IC0635031 INGR20026	GFB-3	French Bean/ <i>Phaseolus</i> <i>vulgaris</i>	Selection from the germplasm collected from farmers field- Badiyargarh, Tehri, Uttarakhand	Anthraco-nose resistance.	Dr. Deepti Prabha, HNB Garhwal University, Garhwal, Uttarakhand	Recommended
28.	20013; IC0635032 INGR20027	GFB-30	French Bean/ <i>Phaseolus</i> <i>vulgaris</i>	Selection from the germplasm collected from farmers field-Dang, Bironkhal, Pauri Garhwal, Uttarakhand	Anthraco-nose resistance.	Dr. Deepti Prabha, HNB Garhwal University, Garhwal, Uttarakhand	Recommended
29.	20056; IC0635033 INGR20028	GJG 0922	Chickpea/ <i>Cicer</i> <i>arietinum</i>	JND 2002-19-19- 15-02-01-SB [(GJG 9920 X FG 703)]	Wilt resistant.	Dr. MK Chudasama, JAU, Junagadh, Gujarat	Recommended
30.	20107; IC0635701 INGR20029	PMF-1	Lentil/ <i>Lens</i> <i>culinaris</i>	(ILL1005 × ILL7012)	Five flowers and pods per peduncle in a few flowering nodes. Multi-flowering (Penta-flowering trait). Unique	Dr. GP Mishra, ICAR- IARI, Pusa Campus, New Delhi	Recommended

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					morphotype having five-flowers/ pod on a peduncle.		
Vegetables							
31.	19071; IC0632603 IC0632604 INGR20030	DC 8441-5 & DC 41-5B	Cauliflower/ <i>Brassica oleracea</i> var. botrytis	Ogura male sterile cytoplasm from snowball cauliflower (from IARI Katrain) was introgressed into DC 41-5 elite genotype of early group Indian cauliflower.	Ogura based cytoplasmic male sterile line of early maturity group (25-30 degree C) of Indian cauliflower. CMS line with dwarf plant type. Good combiner for earliness and curd yield in early maturity group of Indian cauliflower.	Dr. Pritam Kalia, ICAR-IARI, Pusa Campus, New Delhi	Recommended
32.	19072; IC0632601 IC0632602 INGR20031	DC 8498 & DC 98-10B	Cauliflower/ <i>Brassica oleracea</i> var. botrytis	Ogura male sterile cytoplasm from snowball cauliflower (from IARI Katrain) was introgressed into DC 41-5 elite genotype of early group Indian cauliflower.	Cytoplasmic male sterile line of early maturity group (25-30 °C) of Indian cauliflower. Carry Ogura sterile cytoplasm. Good combiner for earliness and curd yield.	Dr. Pritam Kalia, ICAR-IARI, Pusa Campus, New Delhi	Recommended
33.	19123; IC0625064 IC0625065 INGR20032	RRAD-201 (IC0625064) & VRRAD-202 (IC0625065) KS/BS-37/	Raddish/ <i>Raphanus sativus</i>	CMS plant from open population of radish was identified and introgressed into elite line i.e. VRRAD-202	Cytoplasmic Male Sterile (CMS) line. First CMS line of radish from Public sector in India developed at ICAR-IIVR, Varanasi, UP. Good combiner and higher heterosis for yield, root length and root weight.	Dr. BK Singh ICAR-IIVR, Varanasi, Uttar Pradesh	Recommended
34.	19163; IC0631247 INGR20033	BIL-53	Watermelon/ <i>Citrullus lanatus</i> var. citroides	BC1F6 generation derivative of an interspecific cross between <i>Citrullus lanatus</i> var. citroides x <i>Citrullus</i>	BIL-53 is an advanced Pre breeding line derived from the cross <i>C.lanatus</i> var.citroides x Arka Manik possessing resistance to WBNV disease	Dr. E Sreenivasa Rao, ICAR-IIHR, Bangaluru, Karnataka	Recommended

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				<i>lanatus</i>			
35.	19178; IC0635040 INGR20034	VMB-16 -10	Brinjal/ <i>Solanum melongena</i>	SENUR LOCAL X VRM 1 SPINY BRINJAL	Purple colour with green tinge at distal end of the fruit. Non- spiny nature. Cooking quality (CRISPY nature)	Dr M. Pandiyan, TNAU, Tamil Nadu	Recommended
36.	20055; IC0632940 INGR20035	Kashi Kale-1 (VRKAL E-1 or IC 0632940)	Collard green/ <i>Brassica oleracea</i> var. acephala	A single plant in the population of AICRP entry during 2013-14 and acclimatized.	A tropical type– first of its kind in the world that bolts, flowers and sets seeds during spring season at Varanasi, Uttar Pradesh. It does not require vernalization to stimulate/induce bolting and flowering. Fast growing and high leaf yield potential i.e. 45- 50 t/ha.	Dr. BK Singh, ICAR-IIVR, Varanasi, Uttar Pradesh	Recommended
37.	20073; IC0633085	YF 5-2-7 (IC- 633085)	Watermelon/ <i>Citrullus lanatus</i>	Segregating material collected from Garda, Baran (Rajasthan)	Saffron coloured flesh with high carotenoid content. Non- lobed (entire) leaves	Dr. BR Choudhary, ICAR-CIAH, Beechwal, Rajasthan	Deferred: One more year data to be submitted.

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38.	20081; IC0523059 INGR20036	RS-11 (IC0523059)	Watermelon/ <i>Citrullus</i> <i>lanatus</i>	Single plant selection from IC0523059	Possess resistance to <i>Fusarium oxysporum</i> f. sp. niveum race 1 and race 2 Performed good as a rootstock with respect to different yield and quality traits of a susceptible scion grafted onto it	Dr. E Sreenivasa Rao, ICAR-IIHR, Bengaluru, Karnataka	Recommended
Oilseeds							
39.	19162; IC096496 INGR20037	IC096496	Linseed / <i>Linum</i> <i>usitatissimum</i>	Germplasm collection	Early flowering.	Dr. DP Wankhede, ICAR-NBPGR, Pusa Campus, New Delhi	Recommended
40.	20001; IC0635042 INGR20038	DRMRTJ 2016	Indian mustard/ <i>Brassica</i> <i>juncea</i>	NRCDR 2 x NRCSG 1	Tetralocular Siliquae. Long Main Shoot (119.67 cm). High Siliqua Density (1.09).	Dr. HS Meena, ICAR-DRMR, Bharatpur, Rajasthan	Recommended
41.	20002; IC0635041 INGR20039	DRMR- WFYSM 15	Indian mustard/ <i>Brassica juncea</i>	Gamma ray (100kr) induced mutant of Indian mustard cultivar Kranti	White Flower. Yellow Seed Coat Colour. Appressed Siliqua Orientation.	Dr. HS Meena, ICAR-DRMR, Bharatpur, Rajasthan	Recommended
42.	20003; IC0635043 INGR20040	DRMR-C- 16-6	Indian mustard/ <i>Brassica</i> <i>carinata</i>	Inter-specific hybridization (<i>B. juncea</i> cv. NRCDR 2 x <i>B. carinata</i> cv. NRCKR 304) followed by pedigree selection	Extra dwarf (85 cm height). High oil content (41.3%). Early maturity (127 days).	Dr. Arun Kumar, ICAR-DRMR, Bharatpur, Rajasthan	Recommended
43.	20128; IC0589658 INGR20041	RDV 29 (IC589658)	Indian mustard/ <i>Brassica juncea</i>	Germplasm collection	Resistant to Powdery Mildew Disease	Dr J Nanjundan, ICAR-IARI Regional Station, Wellington, Tamil Nadu	Recommended
44.	19174; IC0635046 INGR20042	Palm No. 47; IOPPV00297 8	Oil Palm/ <i>Elaeis</i> <i>guineensis</i>	ZS-1-44CD X CA- 12-435 CD	Medium height increment.	Dr. Anitha Pedapati, ICAR-IIOPR, Pedavegi, Andhra Pradesh	Recommended

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45.	19197; IC0635047 INGR20043	Palm no.33/ IOPPV00296 4	Oil Palm/ <i>Elaeis</i> <i>guineensis</i>	ZS-1- 44 CD X CA- 12- 435 CD	More number of bunches. Slow vertical growth	Dr. Anitha Pedapati, ICAR-IIOPR, Pedavegi, Andhra Pradesh	Recommended
46.	20024; IC0635048 INGR20044	Palm No.72; IOPPV00300 3	Oil Palm/ <i>Elaeis</i> <i>guineensis</i>	60 CD X 62 CD (ZS-8 inter se cross)	Medium height increment.	Dr. Anitha Pedapati, ICAR-IIOPR, Pedavegi, Andhra Pradesh	Recommended
47.	20026; IC0635049 INGR20045	Palm No.542; IOPPV00372 1	Oil Palm/ <i>Elaeis</i> <i>guineensis</i>	599 NATP x 33D	Sterile Dura. virescence oil palm.	Dr. Anitha Pedapati, ICAR-IIOPR, Pedavegi, Andhra Pradesh	Recommended
48.	20027; IC0635050 INGR20046	Palm No.482; IOPPV00366 1	Oil Palm/ <i>Elaeis</i> <i>guineensis</i>	66CDX4D	Sterile Dura. Broad leaf sheath.	Dr. Anitha Pedapati, ICAR-IIOPR, Pedavegi, Andhra Pradesh	Recommended
49.	19180; IC0610027 INGR20047	IC0610027- 20; TTD- 1/DOPRG90	Oil Palm/ <i>Elaeis</i> <i>guineensis</i>	The genetic stock was developed from open pollinated fruit samples of palm collected from Theni district of Tamil Nadu and it belongs to Papua New Guinea (PNG) source and planted these seedlings and maintained at field gene bank of ICAR- IIOPR, Pedavegi.TTD-1 is accession name and IC number is IC0610027. Which were planted during 2009 at ICAR- IIOPR Pedavegi	Pisifera with 98.5 % sterility. Nigrescence fruit form.	Dr. Bhagya HP, ICAR-IIOPR, Pedavegi, Andhra Pradesh	Recommended

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				and identified through method ‘‘Introduction and Selection’’			
50.	19184; IC0610024 INGR20048	IC0610024-47; AND-24/DOPRG87	Oil Palm/ <i>Elaeis guineensis</i>	The proposed genetic stock was developed from open pollinated fruit samples of palm collected from Krishna nallah place in Andaman and Nicobar islands and planted these seedlings and maintained at field gene bank of ICAR-IIOPR, Pedavegi. AND-24 is accession name and IC number is IC0610024. Which were planted during 2009 at ICAR-IIOPR Pedavegi and identified through method ‘‘Introduction and Selection’’	Parthenocarpicpisifera palm. Good fruit set (68.62 %).	Dr. Bhagya HP, ICAR-IIOPR, Pedavegi, Andhra Pradesh	Recommended
51.	19194; IC0635044 INGR20049	NRCGCS-636 (HOS-89)	Groundnut/ <i>Arachis hypogaea</i>	ICGV 06100 x Sunoleic 95R	High oil content (56%).	Dr. SK Bera, ICAR-DGR, Junagadh, Gujarat	Recommended
52.	20075; IC0635045 INGR20050	NRCGCS-635 (HOS-30)	Groundnut/ <i>Arachis hypogaea</i>	ICGV 06100 x Sunoleic 95R	High oil (56%).	Dr. SK Bera, ICAR-DGR, Junagadh, Gujarat	Recommended
Spices							

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53.	19080; IC0632088 INGR20051	ACC. No. 52	Cumin / <i>Cuminum</i> <i>cyminum</i>	White flower (ACC. No. 52)	White flower. Compact plant.	Dr. AU Amin, S D Agricultural University, Jagudan. Gujarat	Recommended
54.	19091; IC0632089 INGR20052	Acc. No. 53	Cumin / <i>Cuminum</i> <i>cyminum</i>	Hairy cumin (Acc. No. 53)	Hairy cumin seed. Spreading plant	Dr. AU Amin, S D Agricultural University, Jagudan. Gujarat	Recommended
Medicinal and Aromatic Plants							
55.	19046; IC0635431 INGR20053	Jor Lab L- 11/CY-MIE- 1 /	Lemon Grass / <i>Cymbopogon</i> <i> khasianus</i>	RRLJM-557	Methyl isoeugenol rich more than 48% of essential oil and Myrcene is more than 39% in the essential oil.	Dr Mohan Lal, CSIR-NEIST, Jorhat, Assam	Recommended
56.	19048; IC0635434 INGR20054	Jor Lab AC- 1;	Sweet flag/ <i>Achorus calmus</i>	RRLJA-6	Essential oil yield is more than 1.2% on dry weight basis. Cis asarone is more than 80% of the essential oil. The ploidy of the germplasm is triploid.	Dr Mohan Lal, CSIR-NEIST, Jorhat, Assam	Recommended
57.	19049; IC0635434 INGR20055	Jor Lab B-2	Annato/ <i>Bixa orellana</i>	A-302	Bixin content is more than 1.1%. Normal range of Bixin content is 0.3 to 1.3% in the germplasm.	Dr Mohan Lal, CSIR-NEIST, Jorhat, Assam	Recommended
58.	18109; IC0635702 INGR20056	Jor Lab L- 15.	Lemon Grass/ <i>Cymbopogon</i> <i> khasianus</i>	RRLJM-704	High geraniol content more than 83% in the essential oil.	Dr. Mohan Lal, CSIR-NEIST, Jorhat, Assam	Recommended
59.	20032; IC0630605 INGR20057	CSIR- IHBT-VJ-08	Tagar (Indian Valeriana)/ <i>Valeriana</i> <i> jatamansi</i>	Progeny of VJ-08	High essential oil content: 0.331% (3.31 g/kg).	Dr. Ashok Kumar, CSIR-IHBT, Palmapur, Himachal Pradesh	Recommended
60.	20052; IC0630558 INGR20058	TNGsy-55- Mettupalayam Local 4	Gymnema/ <i>Gymnema</i> <i> sylvestre</i>	Clonal selection	Leaf traits: Elliptic shape with obtuse base.	Dr. L Nalina, TNAU, Tamil Nadu	Recommended
61.	20059; IC0635704 INGR20059	CSIR-IHBT- DH-04	White Dragonhead / <i>Dracocephalum</i> <i> heterophyllum</i>	Selection from D- 14, collected from Kibber, Spiti	High biomass yield 3.11 kg/plot (6 sqm). Essential oil content 0.22%.	Dr. Ashok Kumar, CSIR-IHBT, Palmapur, Himachal Pradesh	Recommended

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62.	20060; IC0635705 INGR20060	CSIR-IHBT-AM-02	Wormwood / <i>Artemisia maritima</i>	Selection from AU-11, collected from Udaipur, Lahaul	High biomass yield 8.175 kg/plot (24sqm).	Dr. Ashok Kumar, CSIR-IHBT, Palmapur, Himachal Pradesh	Recommended
Ornamentals							
63.	19154; IC0630783 INGR20061	IIHR-12	Tuberose/ <i>Polianthes tuberosa</i>	The flower spike is compact, medium, tall and upright. The internodal length of the rachis is less.	Open pollinated seedling selection from Arka Shringar	Dr. T Usha Bharathi, ICAR-IIHR, Bengaluru, Karnataka	Recommended
64.	20053; IC0632114 INGR20062	IIHR15-7	Gerbera/ <i>Gerbera jasmeonii</i>	Half sib selection from IIHR9	Flower Form: Semi-double flower form. Flower colour: NN155A, White group.	Dr. C. Aswath, ICAR-IIHR, Bengaluru, Karnataka	Recommended
65.	20054; IC0632115 INGR20063	IIHR16-8	Gerbera/ <i>Gerbera jasmeonii</i>	Half sib selection from variety Arka Ashwa	Flower colour: 65A, Red purple group. Flower Form: Double flower form	Dr. C. Aswath, ICAR-IIHR, Bengaluru, Karnataka	Recommended
66.	20063; IC0630599 INGR20064	CSIR-IHBT-Gr-29-1	Gerbera/ <i>Gerbera jasmeonii</i>	Gr-1 x Gr-4	Double flower shape. Red flower colour.	Dr. Sanatsujat Singh CSIR-IHBT, Palmapur, Himachal Pradesh	Recommended
67.	20071; IC0635707 INGR20065	No.18	Lily/ <i>Lilium sp.</i>	<i>Liliumformosanum</i> Wallace x <i>Liliumlongiflorum</i>	Multiple shoots/sprouting, 100% flowering and larger bud size. Low juvenile period. No vernalization requirement.	Dr. MR Dhiman, ICAR-IARI Regional Station, Katrain, Himachal Pradesh	Recommended
68.	20093; IC0620379 INGR20066	IIHRG-7	Gladiolus / <i>Gladiolus hybridus</i> Hort	Meera x Picardy	Spike with variegated florets. Floret colour [Red-Purple (65.B) having Red-Purple (62.A) streaks with Red-Purple (67.B) splash].	Dr. Rajiv Kumar ICAR-IIHR, Bengaluru , Karnataka	Recommended
69.	20096; IC0620380 INGR20067	IIHRG-11	Gladiolus / <i>Gladiolus hybridus</i> Hort	Gold Medal 412 x Poonam	Resistant to Fusarium wilt disease. Floret colour [Red (41.C) having Red (41.A) margin. Blotch Red (46.B) with yellow (13.C) border].	Dr. Rajiv Kumar ICAR-IIHR, Bengaluru , Karnataka	Recommended
Commercial Crop							
70.	20110; IC0635051 INGR20068	Co 13001	Sugarcane/ <i>Saccharum sp.</i>	Co 740 x CoT 8201	High sucrose at 240 days. Short duration clone (Maturing @ 240 days). Sucrose % 19.40.	Dr. G Hemaprabha, ICAR-SBI, Coimbatore, Tamil	Recommended

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71.	20111; IC0635052 INGR20069	Co 14016	Sugarcane/ <i>Saccharum sp.</i>	Co 86032 X Co 86011	High cane population (number of millable canes 1,07,670/ha). Donor for ratoonability.	Dr. G Hemaprabha, ICAR -SBI, Coimbatore, Tamil Nadu	Recommended
72.	20112; IC0635053 INGR20070	AS 04-2097	Sugarcane/ <i>Saccharum officinarum</i>	Co 8371 (<i>Saccharum officinarum</i>) x SH 216 (<i>S. spontaneum</i> SH 216)	Drought tolerance. Interspecific hybrid with broadened genetic base.	Dr. A Suganya ICAR-SBI, Coimbatore, Tamil Nadu	Recommended
73.	20113; IC0635054 INGR20071	CYM 08-922	Sugarcane/ <i>Saccharum sp.</i>	CYM 07-971 X CoC 671	Potential pre-bred material for drought tolerance. Higher relative water content and lower malondialdehyde content under drought. Second Backcross progeny of the cross involving <i>Erianthus arundinaceus</i> and <i>S.spontaneum</i> having the cytoplasm of <i>E. arundinaceus</i> .	Dr. K Mohanraj, ICAR-SBI, Coimbatore, Tamil Nadu	Recommended
Tubers							
74.	20118; IC0635057 INGR20072	BER57	Wild Potato / <i>Solanum berthaultii</i>	Selection from wild potato species: <i>Solanum berthaultii</i> ; Accession number: PI 265857 (EC787391) (TPS Source from the International gene bank: the Potato Introduction Station, NRSP-6, Wisconsin (USA)	Highly resistant to late blight disease. Diploid wild potato species with wider genetic base.	Dr. JK Tiwari, ICAR-CPRI Shimla, Himachal Pradesh	Recommended
75.	20120; IC0635058 INGR20073	PLD47	Wild Potato / <i>Solanum polyadenium</i>	Selection from wild potato species: <i>Solanum polyadenium</i> ; Accession number: CGN17747 (TPS	Highly resistant to late blight disease. Diploid wild potato species with wider genetic base.	Dr. JK Tiwari, ICAR-CPRI Shimla, Himachal Pradesh	Recommended

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				source from the International gene bank: the Centre for Genetic Resources, the Netherlands (CGN)			
76.	20121; IC0635059 INGR20074	JAM07	Wild Potato/ <i>Solanum jamesii</i>	Selection from wild potato species: <i>Solanum jamesii</i> ; Accession number: PI 498407 (TPS source from the International gene bank: the Potato Introduction Station, NRSP-6, Wisconsin (USA))	Highly resistant to late blight disease. Diploid wild potato species with wider genetic base.	Dr. JK Tiwari, ICAR-CPRI Shimla, Himachal Pradesh	Recommended

Summary of Deferred Proposals of previous PGRC Meeting with Recommendations

S. No.	App. No./ National Id.	Proposer Identity	Crop/ Botanical Name	Pedigree	Potentially valuable features	Corresponding author	Recommendations of PGRC
Cereals							
1.	18112; IC0627947 INGR20075	CSR59	Rice/ <i>Oryza sativa</i>	CSR2711-214	Tolerant to salinity stresses up to ECe 10.0 dS/m with long bold grain.	Dr. SL Krishnamurthy, ICAR-CSSRI, Karnal, Haryana	Recommended
Fibre							
2.	18155; IC0626294 INGR20076	CISG 20 (GMS)	Cotton/ <i>Gossypium arboreum</i>	Selection from CISG 20	CISG 20 (GMS) is a spontaneous mutant identified from agronomically adapted line CISA 20 maintained by sib mating. One among few GMS lines available in diploid, would serve as additional resource for hybrid development program in diploid cotton. The line CISG20 (GMS) has open red flower which facilitates easy crossing; red flower, red petal spot and red plant body characters shall be used as marker characters.	Dr. SK Verma, ICAR-CICR Regional Station, Sirsa, Haryana	Recommended
Grain legumes							
3.	18114; IC0628574 INGR20077	IPC 2010-121	Chickpea/ <i>Cicer arietinum</i>	IPC 1997-7 / IPC 1995-1	Resistant breeding line against Race-2 of <i>Fusarium oxysporum</i> f. sp. <i>ciceris</i> . Desi type of chickpea.	Dr. Manjunatha L, ICAR-IIPR, Kanpur, Uttar Pradesh	Recommended
Oilseeds							
4.	18141; IC0628528 INGR20078	PM 81	Sunflower/ <i>Helianthus annuus</i>	Selection from a cross between CMS-B and RCR1947/1-1	Resistant to Powdery mildew (PDS<10%).	Dr. VV Kulkarni, UAS, Raichur, Karnataka	Recommended