

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

**Proceedings of the**  
**XXXXIII<sup>rd</sup> Meeting of Plant Germplasm Registration Committee (PGRC)**  
**Held at ICAR-NBPGR, New Delhi (March 18, 2021)**

The **XXXXIII<sup>rd</sup>** meeting of PGRC was held on **March 18, 2021** from **02:30** hrs. onwards 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. YP Singh	ADG (F&FC), Indian Council of Agricultural Research, New Delhi	Member
5.	Dr. V Pandey	ADG (Hort.-I), Indian Council of Agricultural Research, KAB-II, Pusa Campus, New Delhi	Member
6.	Dr. BK Pandey	ADG (Hort.-II), Indian Council of Agricultural Research, KAB-II, Pusa Campus, New Delhi	Member
7.	Dr. Kuldeep Singh	Director, ICAR-National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi	Member
8.	Dr. NP Singh	Director, ICAR-Indian Institute of Pulses Research, Kanpur, Uttar Pradesh	Member
9.	Dr. Bakshi Ram	Director, ICAR-Sugarcane Breeding Institute, Coimbatore, Tamil Nadu	Member
10.	Dr. Desh Beer Singh	Director, ICAR-Central Institute of Temperate Horticulture Srinagar, Jammu & Kashmir	Member
11.	Dr. S Roy	Director, ICAR-Directorate of Medicinal & Aromatic Plants Research, Anand, Gujarat	Member
12.	Dr. D. Damodar Reddy	Director, ICAR-Central Tobacco Research Institute, Rajahmundry, Andhra Pradesh	Member
13.	Dr. Sujay Rakshit	ICAR-Indian Institute of Maize Research, PAU campus, Ludhiana, Punjab	Member
14.	Dr. D. Subramaniam	Director (Acting), ICAR-Indian Institute of Rice Research, Hyderabad, Telangana	Member
15.	Dr. KV Prasad	Director, ICAR-Directorate of Floricultural Research, Pune, Maharashtra	Member

**File No.CS.11/8/2020-Seed**

16.	Dr. Vilas A Tonapi	Director, ICAR-Indian Institute of Millets Research, Rajendranagar, Hyderabad, Telangana	Member
17.	Dr. Gouranga Kar	Director, ICAR-Central Research Institute for Jute and Allied Fibres, Barrackpore, Kolkata, West Bengal	Member
18.	Dr.Anitha Karun	Director (Acting), ICAR-Central Plantation Crops Research Institute, Kudlu.P.O, Kasaragod, Kerala	Member
19.	Dr. PK Rai	Director (Acting), ICAR-Directorate of Rapeseed-Mustard Research, Bharatpur, Rajasthan	Member
20.	Dr. M Sujatha	Director (Acting), ICAR-Indian Institute of Oilseeds Research Rajendranagar, Hyderabad, Telangana	Member
21.	Dr Manoj Kumar	Director (Acting), ICAR-Central Potato Research Institute Shimla, Himachal Pradesh	Member
22.	Dr. AK Roy	Project Coordinator, AICRP on Forage Crops, Indian Grassland and Fodder Research Institute, Jhansi, Uttar Pradesh	Member
23.	Dr. Sanjeev Gupta	Project Coordinator, AICRP on MULLaRP, ICAR-IIPR, Kanpur, Uttar Pradesh	Member
24.	Dr. P Ponmurugan	Associate Professor, Bharathiar University, Coimbatore, Tamil Nadu	Member
25.	Dr. PM Singh	Representative of Director, ICAR-Indian Institute of Vegetable Research, Varanasi, Uttar Pradesh	Member
26.	Dr. Gyanendra Singh	Representative of Director, Indian Institute of Wheat and Barley Research, Karnal, Haryana	Member
27.	Dr. PE Rajashekaran	Representative of Director, ICAR-Indian Institute of Horticultural Research, Bengaluru, Karnataka	Member
28.	Dr. BC Patra	Representative of Director, ICAR-National Rice Research Institute, Cuttack, Odisha	Member
29.	Dr. Dhurendra Singh	Representative of Director, ICAR-Central Institute for Arid Horticulture, Bikaner, Rajasthan	Member
30.	Dr. AL Singh	Representative of Director, ICAR-Directorate of Groundnut Research, Junagadh, Gujarat	Member
31.	Dr. M Elangovan	ICAR-Indian Institute of Millets Research, Rajendranagar, Hyderabad, Telangana	Invitee
32.	Dr. Chandan S.Kar	ICAR-Central Research Institute for Jute and Allied Fibres, Barrackpore, Kolkata, West Bengal	Invitee
33.	Dr. A Anil Kumar		Invitee
34.	Dr. Geetha K.A	ICAR-Directorate of Medicinal & Aromatic Plants Research, Anand, Gujarat	Invitee
35.	Dr. Javed Iqbal Mir	ICAR-Central Institute of Temperate Horticulture Old Air Field, PO Rangreth, Srinagar, Jammu & Kashmir	Invitee

36.	Dr. Ashok Kumar	Head (Acting), Division of Germplasm Evaluation, ICAR-National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi	Special invitee
37.	Dr. Anjali Kak Koul	Principal Scientist, Division of Germplasm, Conservation, ICAR-National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi	Special invitee
38.	Dr. Veena Gupta	Head (Acting), Division of Germplasm Conservation, ICAR-National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi	Member Secretary

The **XXXXIII<sup>rd</sup>** 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 various Institutes and briefed them about the steps taken by ICAR- NBPGR to reach out all ICAR institutes, SAUs, DBT institutes, CSIR institutes for enhancing registration of unique genetic stocks in the country. The Director informed that letters were written to 179 institutes/universities in the country as a drive to spread awareness about registration of unique genetic stocks with ICAR-NBPGR. In his inaugural remarks, while appreciating the efforts made for ICAR-NBPGR for germplasm registration, the Chairman also emphasized that efforts should now be made by the crop-based institutes to promote the utilization of the trait specific germplasm in breeding programmes.

The minutes of the **XXXXII<sup>nd</sup>** meeting of PGRC were adopted as such after the confirmation of the Chairman.

The Member Secretary, PGRC presented that a total of 125 proposals were received for registration. Out of that, 105 (where comments were received and complete in all respect) 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, were considered for registration. Each proposal was discussed in detail and recommendations of PGRC for each proposal has been summarized in the enclosed table. Finally, 90 applications covering 35 crop species were approved for registration and fifteen were not approved for want of additional data or lack of uniqueness.

The committee also deliberated on several issues concerning registration and utilization of genetic stocks and the following recommendations emerged during the discussion in PGRC meeting:

1. Since large number of unique genetic stocks have been registered in many crops, it is now felt that these should be utilized by the crop breeders and other researchers for varietal improvement as well as for basic research. The group proposed that in 5-6 crops where significant number of unique genetic stocks are now registered, seeds of these should be sent to the concerned crop institute for planting of demonstration and conducting of field days so that the material could be used by crop breeders and other researchers. Director NBPGR will write to the directors of the concerned crop institutes for undertaking this activity.
2. It was also felt that for several traits, minimum standards for registration need to be revisited. Accordingly, it is proposed that a committee under the Chairmanship of ADG (Seed) should be constituted for revisiting the guidelines. Other members

proposed for this committee are ADG (PP), Director, ICAR-NBPGR, New Delhi; Director, ICAR-IIMR, Hyderabad; Director, ICAR-IIMR, Ludhiana; and PGRC Member-Secretary as Member-Secretary of this committee. The committee once notified should submit its report within one month.

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



30/3/21

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

(TR Sharma)  
DDG (CS) & Chairman, PGRC  
Indian Council of Agricultural Research  
Krishi Bhawan, New Delhi-110 001

**XXXXIII<sup>rd</sup> Germplasm Registration Committee Meeting, March 18, 2021:  
Summary of New Proposals with Recommendations of PGRC**

S. No.	App. No./ National Id.	Other Identity	Crop/ Botanical Name	Pedigree	Potentially valuable features	Corresponding author	Recommendations of PGRC
<b>Cereals</b>							
1.	20091; IC0635012 IC0635013 <b>INGR21001</b>	Pant CMS3A & Pant CMS3B	Rice/ <i>Oryza sativa</i>	IR58025A/NAT990-99	Fully exerted panicle. High number (305.31) of grains per panicle. Excellent outcrossing rate.	Dr. MK Nautiyal, GBPUA&T, Pantnagar, Uttarakhand	<b>Recommended</b>
2.	20211; IC0576152 <b>INGR21002</b>	AC42997	Rice/ <i>Oryza sativa</i>	Germplasm line	Vegetative stage drought tolerance. Prolific roots. High water use efficiency.	Dr. BC Patra ICAR-NRRI, Cuttack, Odisha	<b>Recommended</b>
3.	20212; IC0330611 <b>INGR21003</b>	IC330611	Rice/ <i>Oryza nivara</i>	Wild rice	Vegetative stage drought tolerance.	Dr. BC Patra ICAR-NRRI, Cuttack, Odisha	<b>Recommended</b>
4.	20213; IC0330470 <b>INGR21004</b>	IC330470	Rice/ <i>Oryza nivara</i>	Wild rice germplasm	Vegetative stage drought tolerance.	Dr. BC Patra ICAR-NRRI, Cuttack, Odisha	<b>Recommended</b>
5.	20217; IC0301206 <b>INGR21005</b>	Dubaraj (IC301206)	Rice/ <i>Oryza sativa</i>	Landrace	Very high 1000-grain weight. (50.4g).	Dr. BC Patra ICAR-NRRI, Cuttack, Odisha	<b>Recommended</b>
6.	20114; IC0637545 <b>INGR21006</b>	Karuppunel/ GP926 /	Rice/ <i>Oryza sativa</i>	Karuppunel collection	High grain Zinc content. 41.05 ppm.	Dr. Haritha Bollinedi, ICAR-IARI, Pusa Campus, New Delhi	<b>Recommended</b>
7.	20225; IC0637546 <b>INGR21007</b>	IET17948	Rice/ <i>Oryza sativa</i>	PR106/IRBB62//2*P R106	Bacterial Blight Resistance with three bacterial blight resistance genes, xa5, xa13 and Xa21 pyramided in the rice cultivar PR106. Developed through Marker Assisted selection.	Dr. Kumari Neelam, PAU, Ludhiana, Punjab	<b>Recommended</b>

**File No.CS.11/8/2020-Seed**

8.	21014; IC0637548 <b>INGR21008</b>	RILPAUGS_B PH34	Rice/ <i>Oryza sativa</i>	BC1F5 (PR122/O. nivara IRGC104646//PR12 2)	Resistance against BPH biotype 4 prevalent in India carrying the novel Brown plant hopper resistant gene BPH 34 from <i>Oryza nivara</i> acc. IRGC104646 on rice chromosome 4.	Dr. Kumari Neelam, PAU, Ludhiana, Punjab	<b>Recommended</b>
9.	21015; IC0637549 <b>INGR21009</b>	PAU_CB28 (PR114_Xa38)	Rice/ <i>Oryza sativa</i>	PR114/O. nivara IRGC81825//2*PR1 14	Carries bacterial blight resistance gene from <i>Oryza nivara</i> acc.IRGC 81825 which gives complete resistance at the seedling and adult plant stage to <i>Xanthomonas</i> pathotype seven.The bacterial blight resistant gene Xa38 was mapped on long arm of chromosome 4 and STS marker was developed for marker assisted selection of the trait.	Dr. Kumari Neelam, PAU, Ludhiana, Punjab	<b>Recommended</b>
10.	21021; IC0637550 <b>INGR21010</b>	IET19339	Rice/ <i>Oryza</i> sp.	Pusa44/IET17948(P R106/IRBB62//2*P R106)//3*Pusa44	IET19339 carries three bacterial blight resistance genes which gives complete resistance at the seedling and adult plant stage to <i>Xanthomonas</i> pathotype seven. Three bacterial blight resistance genes, xa5, xa13 and Xa21, were pyramided into cv. Pusa 44 using marker-assisted selection.	Dr. Kumari Neelam, PAU, Ludhiana, Punjab	<b>Recommended</b>
11.	20229; EC670488 <b>INGR21011</b>	EC670488	Rice/ <i>Oryza sativa</i> x <i>O.</i> <i>glaberrima</i>	TOG5681/5*IR64	Tolerant to high temperature stress (>35°C) at reproductive stage with very high spikelet	Dr. Gopala Krishnan s, ICAR-IARI, Pusa campus, New Delhi	<b>Recommended</b>

**File No.CS.11/8/2020-Seed**

					fertility particularly under high temperature stress.		
12.	20230; IC0637551 <b>INGR21012</b>	Pusa Rice Restorer 402 (PRR 402)	Rice/ <i>Oryza sativa</i>	Pusa 44/NPT5	Tropical japonica based NPT line, which is a restorer of WA cytoplasm possessing the restorer gene, Rf4, developed in the background of a popular indica rice variety Pusa 44.	Dr. PK Bhowmick, ICAR-IARI, Pusa campus, New Delhi	<b>Recommended</b>
13.	20234; IC0638602 <b>INGR21013</b>	Improved White ponni (IWP) Saltol	Rice/ <i>Oryza sativa</i> var. indica	IWP/FL478*IWP*IWP*IWP	Salinity Tolerant line.	Dr. M Raveendran, TNAU, Tamil Nadu	<b>Recommended</b>
14.	20028; IC0298323 <b>INGR21014</b>	Kolajoha	Rice/ <i>Oryza sativa</i>	Landrace collected form Major Deuri Gaon, Jorhat, Assam	Salinity tolerant.	Dr. Tapan K. Mondal, ICAR-NIPB, Pusa Campus, New Delhi	<b>Recommended</b>
15.	21035; IC0394535 <b>INGR21015</b>	Negheri bao-1	Rice/ <i>Oryza sativa</i>	Landrace collected form Bhodiachuk, Dhemaji, Assam	Anaerobic germination tolerant.	Dr. Tapan K. Mondal, ICAR-NIPB, Pusa Campus, New Delhi	<b>Recommended</b>
16.	21036; IC0591486 <b>INGR21016</b>	Saragphala-2	Rice/ <i>Oryza sativa</i>	Landrace collected form Kotohaguri, Khoga Lakhimpur, Assam	Anaerobic germination tolerant.	Dr. Tapan K. Mondal, ICAR-NIPB, Pusa Campus, New Delhi	<b>Recommended</b>
17.	20122; IC0637552 <b>INGR21017</b>	BRW3806	Wheat/ <i>Triticum aestivum</i>	NI 5439/MACS 2496	Resistant to wheat blast disease.	Dr. Vikas Gupta, ICAR-IIWBR, Karnal, Haryana	<b>Recommended:</b> However, uniqueness in drought tolerance needs to be validated with more data (working out some susceptibility indices)
18.	20125; IC0637553 <b>INGR21018</b>	ER9-700	Wheat/ <i>Triticum aestivum</i>	Agra Local/3/Lal Bahadur 5BMono/ <i>Ae. markgrafii</i> (EC331770, PI	Novel Leaf rust resistance. <i>Aegilops markgrafii</i> introgression.	Dr. Vinod, ICAR-IARI, Pusa Campus, New Delhi	<b>Recommended</b>

**File No.CS.11/8/2020-Seed**

				369571)// Bahadur	2*Lal			
19.	20126; IC0637554 <b>INGR21019</b>	TMD 6-4	Wheat/ <i>Triticum aestivum</i>	CS/T. 3*NI5439	<i>tritinae</i> //	Leaf rust resistance. <i>Triticum tritinae</i> introgression.	Dr. Vinod, ICAR-IARI, Pusa Campus, New Delhi	<b>Recommended</b>
20.	20129; IC0637555 <b>INGR21020</b>	TMD 11-5	Wheat/ <i>Triticum aestivum</i>	CS/T. 3*CS	<i>tritinae</i> //	Leaf rust resistance. <i>Triticum tritinae</i> introgression.	Dr. Vinod, ICAR-IARI, Pusa Campus, New Delhi	<b>Recommended</b>
21.	20138; IC0637556	TMD 7-5	Wheat/ <i>Triticum aestivum</i>	CS/T. 3*CS	<i>tritinae</i> //	Leaf rust resistance. <i>Triticum tritinae</i> introgression.	Dr. Vinod, ICAR-IARI, Pusa Campus, New Delhi	<b>Not Recommended</b>
22.	20115; IC0638605 <b>INGR21021</b>	DWAP-1608	Wheat/ <i>Triticum aestivum</i>	28 BL1496/Milan/3/Cr oc_1/Ae. squarrosa (205)//Kauz)/ RAJ 4037	ESWYT 107	Heat and drought tolerance.	Dr. SK Singh, ICAR-IIWBR, Karnal, Haryana	<b>Recommended</b>
23.	20127; IC0637557 <b>INGR21022</b>	KHTW-1 (BST1 (ST 1A))	Wheat/ <i>Triticum aestivum</i>	SYN99/UP2425/FL W22//PBW502		Heat tolerance. Better Heat susceptibility index over check.	Dr. BS Tyagi, ICAR-IIWBR, Karnal, Haryana	<b>Recommended</b>
24.	20130; IC0637558 <b>INGR21023</b>	DBW 243	Wheat/ <i>Triticum aestivum</i>	BECARD/KACHU		High Water Use Efficiency.	Dr. CN Mishra, ICAR-IIWBR, Karnal, Haryana	<b>Recommended</b>
25.	20116; IC0637559 IC0637560 <b>INGR21024</b>	DCMS 17A & DCMS 17B	Wheat/ <i>Triticum aestivum</i>	CHUAN 18A/6/7*KAUZ*2/4 /CAR//KAL/BB/3/N AC/5/KAUZ/7/8*D BW 17		New CMS (A) line in DBW 17 background with CMS source (Chuan 18A) along with maintainer (B) line.	Dr. SK Singh, ICAR-IIWBR, Karnal, Haryana	<b>Recommended</b>



**File No.CS.11/8/2020-Seed**

26.	20140; IC0637561 IC0637562 <b>INGR21025</b>	DCMS 24A & DCMS 24B	Wheat/ <i>Triticum aestivum</i>	CHUAN 18A/CHUAN 18B//7*KAUZ/HEV O/8*DBW 16	New CMS (A) line in DBW 16 background with CMS source (Chuan 18A) alongwith maintainer (B) line	Dr. SK Singh, ICAR-IIWBR, Karnal, Haryana	<b>Recommended</b>
27.	20143; IC0637563 IC0637564 <b>INGR21026</b>	DCMS 34A & DCMS 34B	Wheat/ <i>Triticum aestivum</i>	CHUAN 18A/6/7*KAUZ*2/4 /CAR//KAL/BB/3/N AC/5/KAUZ/7/8*PB W 502	New CMS (A) line in PBW 502 background with CMS source (Chuan 18A) alongwith maintainer (B) line	Dr. SK Singh, ICAR-IIWBR, Karnal, Haryana	<b>Recommended</b>
28.	20144; IC0637565 IC0637566 <b>INGR21027</b>	DCMS 37A & DCMS 37B	Wheat/ <i>Triticum aestivum</i>	CHUAN18A//7*AT TILA/3BCN/3/8*D BW 55	New CMS (A) line in DBW 55 background with CMS source (Chuan 18A) along with maintainer (B) line	Dr. SK Singh, ICAR-IIWBR, Karnal, Haryana	<b>Recommended</b>
29.	20145; IC0637567 IC0637568 <b>INGR21028</b>	DCMS 46A & DCMS 46B	Wheat/ <i>Triticum aestivum</i>	CHUAN18A//7*AT TILA/3BCN/3/8*CB W 38	New CMS (A) line in CBW 38 background with CMS source (Chuan 18A) along with maintainer (B) line	Dr. SK Singh, ICAR-IIWBR, Karnal, Haryana	<b>Recommended</b>
30.	20146; IC0638603 IC0638604 <b>INGR21029</b>	DCMS 51A & DCMS 51B	Wheat/ <i>Triticum aestivum</i>	CHUAN 18A/6/7*KAUZ*2/4 /CAR//KAL/BB/3/N AC/5/KAUZ/7/8*D BW 76	New CMS (A) line in DBW 76 background with CMS source (Chuan 18A) along with maintainer (B) line.	Dr. SK Singh, ICAR-IIWBR, Karnal, Haryana	<b>Recommended</b>
31.	20199; IC0128638 <b>INGR21030</b>	IC128565	Wheat/ <i>Triticum aestivum</i>	NA	Resistant to leaf rust.	Dr. Sundeep Kumar, ICAR-NBPGR, Pusa campus, New Delhi	<b>Recommended</b>
32.	20200; IC0128638 <b>INGR21031</b>	IC128638	Wheat/ <i>Triticum aestivum</i>	NA	Resistance to leaf rust and yield stability across the locations	Dr. Sundeep Kumar, ICAR-NBPGR, Pusa campus, New Delhi	<b>Recommended</b>
33.	21008; IC0637569	HI 1624	Wheat/ <i>Triticum aestivum</i>	GW322/PBW498	Resistant to stem rust. Resistant to Karnal bunt. High yield potential along with quality traits.	Dr. SV Sai Prasad, ICAR-IARI RS, Indore, Madhya Pradesh	<b>Not Recommended:</b> Since, the stem rust score of HI 1624 was not superior to HI 1544 in PPSN and KB score is at par

**File No.CS.11/8/2020-Seed**

							HI 1544. Hence not recommended. For Karnal bunt it had score >8% which is not very good.
34.	21009; IC0637570	HI 1625	Wheat/ <i>Triticum aestivum</i>	GAINT3/HW2045	Resistant to leaf rust. Resistant to Karnal bunt. High yield potential along with quality traits	Dr. SV Sai Prasad, ICAR-IARI RS, Indore, Madhya Pradesh	<b>Not Recommended:</b> Karnal bunt it had score >8% which is not very good.
35.	21010; IC0637571	HI 8800	Wheat/ <i>Triticum durum</i>	HI 8681/HI 8663	Resistant to stem & leaf rusts. Resistant to Karnal bunt, flag smut & head scab. High yield potential along with quality traits.	Dr. SV Sai Prasad, ICAR-IARI RS, Indore, Madhya Pradesh	<b>Not Recommended:</b> On the basis of high score it cannot be categorized as highly resistant against leaf and stem rusts. Moreover, check entry HI 8627 has better resistance against head scab, flag smut and Karnal bunt. Hence, not recommended.
36.	21012; IC0638606	HS 661	Wheat/ <i>Triticum durum</i>	HS295*2/FLW20//H S295*2/FLW13	Resistant to all pathotypes of brown rust and stem rust Confirmed Lr19/Sr25 using SCAR-SCS265 and wmc221 molecular markers.	Dr. Dharam Pal, ICAR-IARI RS, Shimla, Himachal Pradesh	<b>Not Recommended:</b> Data not as per the guidelines
37.	20142; IC0638607	HD2932+Lr19/ Sr25 (HD3209)	Wheat/ <i>Triticum aestivum</i>	HD2932*3/HD2687 *3//Cook*6/C80-1	Resistant to Leaf rust. Resistant to stem rust.	Dr. Niharika Mallick, ICAR-IARI, Pusa campus, New Delhi	<b>Not Recommended:</b> Data not as per the guidelines
38.	21020; IC0637572	HD2932+Yr10	Wheat/ <i>Triticum aestivum</i>	HD2932*3//Avocet S*6/Yr10	Resistant to yellow rust.	Dr. Niharika Mallick, ICAR-IARI, Pusa campus, New Delhi	<b>Not Recommended:</b> Data not as per the guidelines
39.	21024; IC0637573	HD2932+Lr19 /Sr25+Sr26	Wheat/ <i>Triticum aestivum</i>	HD2932*3/3/HD268 7*3//Cook*6/C80-	Resistant to leaf rust. Resistant to stem rust.	Dr. Niharika Mallick, ICAR-IARI, Pusa campus,	<b>Not Recommended:</b> Data not as per the guidelines

**File No.CS.11/8/2020-Seed**

				1/4/HD2932*3/Eagle (Sr26)		New Delhi	
40.	21027; IC0637574	HD2932+Lr19 /Sr25+Yr10	Wheat/ <i>Triticumaesti vum</i>	HD2932*3/3/HD268 7*3//Cook*6/C80- 1/4/ HD2932*3// Avocet S*6/Yr10	Resistant to leaf rust. Resistant to stem rust. Resistant to stripe rust.	Dr. Niharika Mallick, ICAR-IARI, Pusa campus, New Delhi	<b>Not Recommended:</b> Data not as per the guidelines
41.	20095; IC0637577 <b>INGR21032</b>	PML 35	Maize/ <i>Zea mays</i>	PAC-745-12-1-2	Tolerance to high density planting Stable high yielding genotype with 2.29 t/ha Under normal density Medium in maturity (95 days)	Dr. RN Gadag, ICAR-IARI, Pusa campus, New Delhi	<b>Recommended</b>
42.	20251; IC0637575 <b>INGR21033</b>	UMI1230β+-1	Maize/ <i>Zea mays</i>	UMI1230-2-70-9-6-6	Improved Beta Carotene of 9.248μg/g	Dr. Senthil N, CPMB&B, TNAU, Tamil Nadu	<b>Recommended:</b>
43.	20254; IC0637576 <b>INGR21034</b>	UMI1200β+-2	Maize/ <i>Zea mays</i>	UMI1200-4-26-9-5-5	Improved Beta Carotene of 8.286 μg/g	Dr. Senthil N, CPMB&B, TNAU, Tamil Nadu	<b>Recommended:</b>
<b>Fibre</b>							
44.	20238; IC0503729 <b>INGR21035</b>	OIN-456	Jute/ <i>Corchorus olitorius</i>	germplasm line OIN- 456	Susceptible to Stem rot disease caused by <i>Macrophomina phaseolina</i>	Dr. A. Anil Kumar, ICAR-CRIJAF, Kolkata, West Bengal	<b>Recommended:</b>
45.	20240; IC0637578	OIN-154-1	Jute/ <i>Corchoru solitorius</i>	Selection from OIN- 154	Resistant to Stem rot disease caused by <i>Macrophomina phaseolina</i>	Dr. A. Anil Kumar, ICAR-CRIJAF, Kolkata, West Bengal	<b>Not Recommended</b>
46.	20155; IC0637579 <b>INGR21036</b>	WCIN-136-1	Wild Jute/ <i>Corchorus aestuans</i>	Selection from WCIN-136	Highly resistant to Stem rot caused by <i>Macrophomina phaseolina</i>	Dr. A. Anil Kumar, ICAR-CRIJAF, Kolkata, West Bengal	<b>Recommended:</b>
<b>Millets</b>							
47.	20044; IC0637580 <b>INGR21037</b>	SPV 2438 (PSV 316)	Sorghum/ <i>Sorghum bicolor</i>	SPV-504 x ICSR103	Advanced genetic material. High proteincontent (11.73%).	Dr. S Maheshwaramma, RARS, Palem, Pjtsau	<b>Recommended</b>

**File No.CS.11/8/2020-Seed**

48.	20047; IC0635028 <b>INGR21038</b>	GMN 16-5	Sorghum/ <i>Sorghum bicolor</i>	296B and B 58586	Grain mold resistance (3.8).	Dr. C Aruna, ICAR-IIMR Hyderabad, Telangana	<b>Recommended</b>
49.	20215; IC0338975 <b>INGR21039</b>	SPV 2481; NS-215	Sorghum/ <i>Sorghum bicolor</i>	Selection from E 10	More seed weight (3.54 g) and high dry-fodder yield (9798 kg/ha).	Dr. M Elangovan, ICAR-IIMR, Hyderabad, Telangana	<b>Recommended</b>
50.	20216; IC0415833 <b>INGR21040</b>	SPV 2412; NS - 651	Sorghum/ <i>Sorghum bicolor</i>	Selection from E 142	More seed weight (3.61 g) and high dry-fodder yield of 9720 kg/ha.	Dr. M Elangovan, ICAR-IIMR, Hyderabad, Telangana	<b>Recommended</b>
51.	20218; IC0 <b>INGR21041</b>	SPV 2612 (IIMR Red)	Sorghum/ <i>Sorghum bicolor</i>	SPV 2612= CSV 15 x IS 23514; CSV 15 = SPV 475 x SPV462; SPV 475 = (IS12622 x 555) x (IS3612 x E35-1-52); SPV 462 = (IS 2947 x SPV 232) x1022	Red grain with High tannin content of 4.51 mgCE/g. Adaptability to both <i>kharif</i> and <i>rabi</i> . High grain yield- on par with high yielding white sorghum variety	Dr. M Elangovan, ICAR-IIMR, Hyderabad, Telangana	<b>Recommended</b>
52.	20219; IC0585181 <b>INGR21042</b>	ERN 11 (IC0585181)	Sorghum/ <i>Sorghum bicolor</i>	Selection from EJM 11 (IC0585181)	Early flowering (<56 days).	Dr. M Elangovan, ICAR-IIMR, Hyderabad, Telangana	<b>Recommended</b>
53.	20220; IC0637581 <b>INGR21043</b>	AKGMR 117	Sorghum/ <i>Sorghum bicolor</i>	(B) Pedigree of the genetic stock Pedigree Breeding method Selection from (AKR 436 x RS 673-5)	Grain mold resistance <i>kharif</i> sorghum genotype with field grade grain mold score of 3.10 and threshed grade grain mold score of 3.53.	Dr. Ghorade RB, PDKV, Akola, Maharashtra	<b>Recommended</b>
54.	19191; IC0635026 <b>INGR21044</b>	VR 1062	Finger millet/ <i>Eleusine coracana</i>	GE 3076 × VR 855	VR 1062 ranked first among all the 3000 entries tested for neck blast resistance (2.5% Pooled data) and also showed resistance to finger blast (3.0% Pooled data). VR 1062 has recorded -37.5% & -97.41	Dr. TSS K. Patro, ARS, Vizianagaram, Andhra Pradesh	<b>Recommended</b>

**File No.CS.11/8/2020-Seed**

					% (less incidence) of neck blast over resistant check Sri Chaitanya (VR 847) & susceptible check, Champavathi (VR 708) respectively.		
55.	20226; IC0403065 <b>INGR21045</b>	FMV1155	Finger Millet <i>/Eleusine coracana</i>	IE 4671-1	The genotype FMV 1155 is Early flowering with 65 days as compared to the similar early maturing check VL376 which recorded 69 days. It is also early maturing with 105 days as compared to the early maturing check VL376 which recorded 112 days. The Proposed entry also recorded higher grain yield of 2188 kg/ha as against the similar maturity check VL 376 which recorded 2155 kg/ha	Dr. Ganapathy KN, ICAR-IIMR Hyderabad, Telangana	<b>Recommended</b>
56.	20160; IC06375	VL 356	Finger Millet/ <i>Eleusine coracana</i>	WR -2 (late maturing white grain genotype) /VL 201 (early maturing brown grain genotype)	White grain. Early maturity (< 100 days).	Dr. Dinesh C Joshi, ICAR-VPKAS, Almora, Uttarakhand	<b>Not Recommended</b>
57.	20170; IC0637583 <b>INGR21046</b>	VL 384	Finger Millet/ <i>Eleusine coracana</i>	OUAT 2 (late maturing white grain genotype/GE 4415 (early maturing brown grain genotype)	White grain. Blast resistant. Medium maturity, high grain yield	Dr. Dinesh C Joshi ICAR-VPKAS, Almora, Uttarakhand	<b>Recommended</b>

**File No.CS.11/8/2020-Seed**

58.	21028; IC0473958 <b>INGR21047</b>	IE-2871	Finger Millet/ <i>Eleusine coracana</i>	Selection	Resistant to Neck Blast (3.71 score in 1-9 scale).	Dr. IK Das, ICAR-IIMR, Hyderabad, Telangana	<b>Recommended</b>
59.	21029; IC0473970 <b>INGR21048</b>	IE-2883	Finger Millet/ <i>Eleusine coracana</i>	Selection	Resistant to Finger Blast (2.9 score in 1-9 scale)	Dr. IK Das, ICAR-IIMR, Hyderabad, Telangana	<b>Recommended</b>
60.	20157; IC0637584 <b>INGR21049</b>	VB-19-16/	Barnyard millet/ <i>Echinochloa esculenta</i>	PRJ1/PRB 903	Awnless panicle in the genetic background of Japanese barnyard millet species ( <i>E.esculenta</i> ). semi-dwarf. Green glumes	Dr. Dinesh C Joshi, ICAR-VPKAS, Almora, Uttarakhand	<b>Recommended</b>
61.	20221; IC0479823 <b>INGR21050</b>	IIMR FxM-5 (FXV 632)	Foxtail Millet/ <i>Setaria italica</i>	Selection from GS 957	Early flowering (44 days). Early duration (76 days) with desirable grain yield.	Dr. Hariprasanna K, ICAR-IIMR, Hyderabad, Telangana	<b>Recommended</b>
<b>Grain legumes</b>							
62.	20163; IC0636672 <b>INGR21051</b>	IPU19-27	Black Gram/ <i>Vigna mungo</i>	SPS5 x IPU02-33	Extra early (60-62 days). Resistant to Yellow Mosaic Disease (MYMIV)	Dr. DS Gupta ICAR-IIPR, Kanpur, Uttar Pradesh	<b>Recommended</b>
63.	20205; IC0633092 <b>INGR21052</b>	RKG-13-55	Chickpea/ <i>Cicer arietinum</i>	RSG 931 X RKG 143	Resistant against wilt for consecutive two years in Central and South zone. II. Good yield, higher or at par with the leading checks viz., GNG 1581, GNG 2171, JG 16, GCP 101, GCP 105, KWR 108 and JAKI 9218. III. Early or at par with the checks GNG 1581, GNG 2171, JG 16, GCP 101, GCP 105 and KWR 108 in NWPZ, NEPZ, WCZ, ECZ and SZ.	Dr. Preeti Verma, Ummedganj farm, Kota, Rajasthan	<b>Recommended</b>

**File No.CS.11/8/2020-Seed**

64.	20244; EC720481 <b>INGR21053</b>	EC720481 (ILWC246)	Chickpea/ <i>Cicer echinospermum</i>	NA	Resistant against Botrytis gray mold	Dr. Mohar Singh, ICAR-NBPGR Regional Station Shimla, Himachal Pradesh	<b>Recommended</b>
65.	20246; EC720438 <b>INGR21054</b>	EC720438 (ILWC229)	Chickpea/ <i>Cicer reticulatum</i>	NA	Resistant against Ascochyta blight	Dr. Mohar Singh, ICAR-NBPGR Regional Station, Shimla, Himachal Pradesh	<b>Recommended</b>
66.	20257; IC259504 <b>INGR21055</b>	IC259504	Wild Bean/ <i>Vigna vexillata</i>	Selection after characterizing all available accessions of <i>V. vexillata</i> conserved in NBPGR genebank	High protein content (9.5%) in tuber. Bold seededness. Fodder type.	Dr. Kuldeep Tripathi, ICAR-NBPGR, Pusa campus, New Delhi	<b>Recommended:</b>
<b>Vegetables</b>							
67.	19138; IC0631915	IC631915	Chilli/ <i>Capsicum annuum</i>	0.4 % EMS treated M3 population	Stalk of the fruit is easy separates when fruit is at red ripening stage. Erect bearing habit. stalk can be easily separates.	Dr. Prabhudeva S. Ajjappalavara, HRE Center, Haveri, Karnataka	<b>Not Recommended:</b> Data not as per the guidelines.
68.	19186; IC0631916	NPC-5	Chilli/ <i>Capsicum</i> sp.	Mutant of ByadgiDabbi (EMS @0.4 % M3 population)	Stalk less ness. Pendent.	Dr. Prabhudeva S. Ajjappalavara, HRE Center, Haveri, Karnataka	<b>Not Recommended:</b> Data not as per the guidelines.
69.	19140; IC0635034 IC0635035 <b>INGR21056</b>	IPC HT2A & IPC HT2B	Carrot/ <i>Daucus carota</i>	Petaloid sterile cytoplasm from 'IPC 122 A' introgressed into IPC HT2 and introgressed lines named as IPC HT2A and its maintainer line as IPC HT2B	IPC HT2A is first red colour heat tolerant tropical carrot CMS line developed indigenously. Roots are of acceptable size, red colour and self core. It is only CMS line which is suitable for early season sowing due to its Pusa	Dr. Pritam Kalia, ICAR-IARI, Pusa campus, New Delhi	<b>Recommended</b>

**File No.CS.11/8/2020-Seed**

					Vrishti (IPC HT2) genotype background.		
70.	20124; IC0637585 <b>INGR21057</b>	BR 161	Cauliflower/ <i>Brassica oleracea</i> var. botrytis	Progeny selection from cross S. No. 15 (susceptible) and MGS-2-3 (resistant).	It is resistant to black rot disease ( <i>Xanthomonas campestris</i> pv. <i>campestris</i> race 1). Carry a novel single dominant gene Xca1bo for black rot resistance. Xca1bo gene is located on chromosome 3 and flanked by DNA markers	Dr. Partha Saha, ICAR-IARI, Pusa Campus, New delhi	<b>Recommended</b>
71.	20202; IC0588957 <b>INGR21058</b>	DSG-7 (IC 0588957)	Sponge gourd/ <i>Luffa cylindrica</i>	Selection from segregating material collected from Moradabad district, Uttar Pradesh	Highly resistant to Tomato Leaf Curl New Delhi Virus Good combiner and gives higher heterosis for yield & other desirable traits. Resistance is governed by single dominant gene, hence can be utilized for resistant hybrid development	Dr. AD Munshi, ICAR-IARI, Pusa, New Delhi	<b>Recommended</b>
72.	20236; IC0637586 <b>INGR21059</b>	DPMFWR-30	Pea/ <i>Pisum sativum</i>	Mutant of Azad P-1	Fasciation Plant type. Synchronized flowering and pod formation. Putative mutant synthesised from Azad P-1.	Dr. Akhilesh Sharma, CSKHPKV, Palampur, Himachal Pradesh,	<b>Recommended</b>
<b>Oilseeds</b>							
73.	20235; IC0637587 <b>INGR21060</b>	DGRMB5	Groundnut/ <i>Arachis hypogaea</i>	Selection from TG37A	Salinity tolerant. CAM (Crassulacean Acid Metabolism) variant.	Dr. KK Pal, ICAR-DGR Junagadh, Gujarat	<b>Recommended</b>
74.	21016; IC0637588 <b>INGR21061</b>	DGRMB19	Groundnut/ <i>Arachis hypogaea</i>	Selection from TG37A	Salinity tolerant.	Dr. KK Pal, ICAR-DGR Junagadh, Gujarat	<b>Recommended</b>



**File No.CS.11/8/2020-Seed**

75.	21007; IC0637589 <b>INGR21062</b>	DRMRQ1-16-27	Indian mustard/ <i>Brassica juncea</i>	EC564648 x (PCR-7 x NUDHYJ-3)	High antioxidants (phenol and tocopherol).Low anti-nutritional component (phytic acid).Double low (<2% erucic acid in oil and <30 µmoles glucosinolate/g defatted seed meal)."	Dr. Priyamedha, ICAR-DRMR, Bharatpur, Rajasthan	<b>Recommended</b>
76.	21013; IC0637590 <b>INGR21063</b>	DRMRIJ 12-40	Indian mustard/ <i>Brassica juncea</i>	ZEM 2 X JGM 1-11	Resistant to White Rust disease. Presence of two different genes conferring resistance against white rust. Good agronomic base.	Dr. KH Singh, ICAR-DRMR, Bharatpur, Rajasthan	<b>Recommended</b>
77.	20209; IC0449033 <b>INGR21064</b>	RG-3060	Castor/ <i>Ricinus communis</i>	Collection from Morgedh-1 Anjar, Kutch, Gujarat	Resistance to leaf hopper.	Dr. Jawaarlal Jatothu, ICAR-IIOR, Hyderabad, Telangana	<b>Recommended</b>
78.	20134; IC0637591 <b>INGR21065</b>	HOSuS-1	Sunflower/ <i>Helianthus annuus</i>	Selection from GP4-1424	High oil content (41%).	Dr. M Sujatha, ICAR-IIOR Hyderabad, Telangana	<b>Recommended</b>
<b>Medicinal &amp; Aromatic Plants</b>							
79.	20119; IC0620637	IC-620637; AT/PK/LG-1/	Lemon Grass/ <i>Cymbopogon flexuosus</i>	Others (collection from Dugli/ Chhattishgarh)	Water logging tolerant. High citral content. High herbage yield.	Dr. Alice Turkey, IGKV Raipur, Chhattisgarh	<b>Not Recommended:</b> Data not as per the guidelines.
<b>Ornamentals</b>							
80.	19094; IC0625184 <b>INGR21066</b>	AAC-1	China Aster/ <i>Callistephus chinensis</i>	Selection from germplasm	Resistance to Alternaria leaf spot disease. High yielding. Branching habit and late flowering type.	Dr. Mukund Shiragur, KRC College of Horticulture Belagavi, Karnataka	<b>Recommended</b>
<b>Commercial crop</b>							
81.	20166; IC0636676 <b>INGR21067</b>	SBI/2020/GU 07-2276/266	Sugarcane/ <i>Saccharum sp</i>	GU 04 (50) RE-9 X CoH 70	High cane yield (89.66 t/ha) under drought condition. Lowest reduction for single cane weight under drought. High Nitrogen (77.92 kg of dry biomass/kg of nitrogen))	Dr. K Mohanraj, ICAR-SBI Coimbatore, Tamil Nadu	<b>Recommended</b>

**File No.CS.11/8/2020-Seed**

					Use Efficiency with Erianthus base.		
82.	21030; IC0638608 <b>INGR21068</b>	Co 13003	Sugarcane/ <i>Saccharum</i> <i>sp</i>	Co 86011 x CoT 8201	High fibre (15.05%) in cane combining high sucrose (19.77%) content of commercial level.	Dr. G Hemaprabha, ICAR-SBI Coimbatore, Tamil Nadu	<b>Recommended</b>
<b>Fruits</b>							
83.	19192; IC0621779 <b>INGR21069</b>	AHCM-22-1 (IC0621779)	Lasora/ <i>Cordia myxa</i>	Selection from germplasm	Resistance to tingid bug, <i>Dictylacheriani</i> Drake.	Dr. SM Haldhar, ICAR-CIAH, Bikaner, Rajasthan	<b>Recommended</b>
84.	21001; IC0637592 <b>INGR21070</b>	AMMOL	Apple/ <i>Malus</i> <i>domestica</i>	Ambri x Mollies Delicious	Better Fruit Size (higher (155g)). Early Maturity (114- 117 days). Better Fruit Quality	Dr. Javid Iqbal Mir, ICAR-CITH, Srinagar, Jammu and Kashmir	<b>Recommended</b>
85.	21034; IC0638609 <b>INGR21071</b>	PRIDE	Apple/ <i>Malus</i> <i>domestica</i>	Prima X Red Delicious	Scab resistance. Fruit quality (high TSS (18oB) and Higher firmness).	Dr. Javid Iqbal Mir, ICAR-CITH, Srinagar, Jammu and Kashmir	<b>Recommended</b>
86.	21037; IC0612469 <b>INGR21072</b>	Arka Supreme (CHES-PA- III-1)	Avocado/ <i>Persea</i> <i>americana</i>	A high yielding selection from open pollinated population	High yield (about 370-400 kg/plant with average fruit weight of 367-428 g). Improved fruit quality. Regular bearing behavior.	Dr. C Awachare, CHES (ICAR-IIHR), Chettalli, Kodagu, Karnataka	<b>Recommended</b>
<b>Tuber</b>							
87.	20245; IC0637593 <b>INGR21073</b>	SM/11-120	Potato/ <i>Solanum</i> <i>tuberosum</i>	CP 2379/ Himalini Kufri	Highly resistant to both the species of Potato Cyst Nematode ( <i>Globodera</i> <i>pallida</i> and <i>G. rostochiensis</i> ). Highly resistant to late blight ( <i>Phytophthora infestans</i> ) and non preference to white fly. Promising advanced clone	Dr. Vinay Bhardwaj, ICAR-CPRI, Shimla, Himachal Pradesh	<b>Recommended</b>

**File No.CS.11/8/2020-Seed**

					performing well under long day conditions		
88.	20258; IC0637594 <b>INGR21074</b>	MSH/14-129	Potato/ <i>Solanum tuberosum</i>	Kufri Gaurav × P2 (P2 = <i>Solanum tuberosum</i> dihaploid 'C-13' + <i>Solanum pinnatisectum</i> )	Interspecific somatic hybrid-derived clone [cv. Kufri Gaurav × somatic hybrid 'P2' ( <i>S. tuberosum</i> + <i>S. pinnatisectum</i> )] with wider genetic base. High yield combined with moderate late blight resistance.	Dr. JK Tiwari, ICAR-CPRI, Shimla, Himachal Pradesh	<b>Recommended</b>
89.	20259; IC0637595 <b>INGR21075</b>	MCD24	Potato/ <i>Solanum microdontum</i>	Clone 'MCD24' belongs to wild potato species <i>Solanum microdontum</i> (Accession number: PI 218224)	Highly resistant to late blight disease. Diploid wild potato species with diverse genetic base.	Dr. JK Tiwari, ICAR-CPRI, Shimla, Himachal Pradesh	<b>Recommended</b>
<b>Miscellaneous-Masticatory</b>							
90.	20223; IC0629872 <b>INGR21076</b>	IC-629872	Betle Leaf/ <i>Piper betle</i>	Others (Collection from Dhara/Chhattishgarh)	Wavy margin in leaves. Deep concave shape leaves. Dark green leaf colour and Low eugenol (27.57%) content.	Dr. Alice Turkey IGKV Raipur, Chhattisgarh	<b>Recommended</b>
<b>Narcotic/Beverages</b>							
91.	20179; IC0574228 <b>INGR21077</b>	HV.2006-6	Tobacco/ <i>Nicotiana tabacum</i>	(Abhirami X DWFC) Abhirami	A high yielding caterpillar resistant sun-cured chewing tobacco.	Dr. K Sarala, ICAR-CTRI, Rajahmundry, Andhra Pradesh	<b>Recommended</b>
92.	20181; IC0637596 <b>INGR21078</b>	NLCR 6-10	Tobacco/ <i>Nicotiana tabacum</i>	Kanchan	High cured leaf yielding FCV tobacco somaclone with more number of longer and broader curable leaves suitable for irrigated alfisols.	Dr. K Sarala, ICAR-CTRI, Rajahmundry, Andhra Pradesh	<b>Recommended</b>

**File No.CS.11/8/2020-Seed**

93.	20184; IC0638885 <b>INGR21079</b>	F6-2-2	Tobacco/ <i>Nicotiana</i> <i>tabacum</i>	A145 Bhagyalakshmi x	High seed yielding chewing tobacco.	Dr. K Sarala, ICAR-CTRI, Rajahmundry, Andhra Pradesh	<b>Recommended</b>
94.	20186; IC0625211 <b>INGR21080</b>	JS-117	Tobacco/ <i>Nicotiana</i> <i>tabacum</i>	Kanchan X D-1	Low smoke tar delivering Flue-Cured Virginia (FCV) Tobacco.	Dr. K Sarala, ICAR-CTRI, Rajahmundry, Andhra Pradesh	<b>Recommended</b>
95.	20187; IC0637597 <b>INGR21081</b>	Jayalakshmi	Tobacco/ <i>Nicotiana</i> <i>tabacum</i>	other	White flower and white (cream colour) seed Flue-Cured Virginia (FCV) line.	Dr. K Sarala, ICAR-CTRI, Rajahmundry, Andhra Pradesh	<b>Recommended</b>
96.	20188; IC0637598 <b>INGR21082</b>	1/135	Tobacco/ <i>Nicotiana</i> <i>tabacum</i>	HDBRG x BY-53	High solanesol (3.43 %).	Dr. K Sarala, ICAR-CTRI, Rajahmundry, Andhra Pradesh	<b>Recommended</b>
97.	20189; IC0634529 <b>INGR21083</b>	V-4914	Tobacco/ <i>Nicotiana</i> <i>tabacum</i>	Siri X VT-1158	High yielding Tobacco Mosaic Virus (TMV) resistant Flue-cured Virginia (FCV) tobacco cultivar.	Dr. K Sarala, ICAR-CTRI, Rajahmundry, Andhra Pradesh	<b>Recommended</b>
98.	20190; IC0634526 <b>INGR21084</b>	BSR-1	Tobacco/ <i>Nicotiana</i> <i>tabacum</i>	(VR-2 x Beinhart 1000-1) VR-2	Black shank ( <i>Phytophthora parasitica</i> ) resistant chewing tobacco entry.	Dr. K Sarala, ICAR-CTRI, Rajahmundry, Andhra Pradesh	<b>Recommended</b>
99.	20252; IC0636679 <b>INGR21085</b>	Cr- 6017	Tea/ <i>Camellia</i> <i>sinensis</i>	Selection made in Craigmores plantation in the Nilgiris, Tamilnadu	Quality.	Dr. R Victor J Ilango, UPASI TRA, Valparai, Tamil Nadu	<b>Recommended</b>

**File No.CS.11/8/2020-Seed**

100.	21017; IC0636680 <b>INGR21086</b>	UPASI-9	Tea/ <i>Camellia</i> <i>sinensis</i>	Selection Brookland tea estate, Coonoor, Nilgiris	Drought tolerance.	Dr. R Victor J Ilango, UPASI TRA, Valparai, Tamil Nadu	<b>Recommended</b>
101.	21018; IC0636681 <b>INGR21087</b>	UPASI-3	Tea/ <i>Camellia</i> <i>sinensis</i>	Selection Brookland Tea estate, Coonoor, Nilgiris	Triploid.	Dr. R Victor J Ilango, UPASI TRA, Valparai, Tamil Nadu	<b>Recommended</b>
102.	21023; IC0636684 <b>INGR21088</b>	ATK	Tea/ <i>Camellia</i> <i>sinensis</i>	Selected from the seedling population of Attikunna Tea estate in Nilgiri Waynaad	Drought tolerance	Dr. R Victor J Ilango, UPASI TRA, Valparai, Tamil Nadu	<b>Recommended</b>
103.	21025; IC636685 <b>INGR21089</b>	TRI-2025	Tea/ <i>Camellia</i> <i>sinensis</i>	Selected from germplasm introduced from Srilanka	Drought tolerance	Dr. R Victor J Ilango, UPASI TRA, Valparai, Tamil Nadu	<b>Recommended</b>

## 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 PC/PD/Expert
1.	19141; IC0635038 IC0635039 <b>INGR21090</b>	IPC 11A Orange & IPC 11B Orange	Carrot / <i>Daucus carota</i>	Petaloid sterile cytoplasm from 'PusaMeghali' was introgressed into an inbred line IPC 11 Orange (developed by recurrent selection) i.e. PusaMeghali (CMS) x IPC 11 Orange	PC 11A Orange is the first orange colour main season tropical carrot CMS line developed indigenously. Roots are of acceptable size and suitable for main season sowing i.e. from mid-September onward in north Indian plains. It has petaloid type sterility and stable and easy to distinguish.	Dr. PritamKalia, ICAR-IARI, Pusa campus, New Delhi	<b>Recommended</b>
2.	19177; IC0635699	VMGG 012-005	Mung Bean/ <i>Vigna radiata</i>	<i>Vignaradiata</i> (VRM(Gg)1 x <i>Vignaradiata</i> (Pusa bold)	Basal leaf and top of the leaves are trifoliolate. Glabrous pods. Less stem with top bearing.	Dr. M Pandiyan, TNAU, Tamil Nadu	<b>Not Recommended:</b> The claimed trait is not unique. There are several such accessions in cultivated germplasm.

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30/3/21

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