



INDIAN COUNCIL OF AGRICULTURAL RESEARCH
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Dated 18th August, 2022

To,

The Director
ICAR-NBPGR
New Delhi – 110 012

Sub: Approval of proceedings of the XXXXVIII Meeting of Plant Germplasm Registration Committee (PGRC) held on 08.07.2022 at ICAR-NBPGR, New Delhi.

Sir,

With reference to your e-mail dated 19.07.2022 regarding the proceedings of the aforesaid meeting held 08.07.2022 at ICAR-NBPGR, New Delhi. I am pleased to inform you that the proceedings have been approved by the competent authority, i.e. DDG (CS), ICAR. This is for your information and further necessary action at you end.

*3/5 5/155
19/8/2022*

(D.K.Yadava)
ADG (Seed)

Copy to: Dr. Veena Gupta, Head, Member Secretary, PGRC

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

**Proceedings
of the**

**XXXXVIIIth Meeting of Plant Germplasm Registration Committee (PGRC)
Held at ICAR-NBPGR, New Delhi on July 08, 2022 in virtual mode**

The XXXXVIIIth meeting of PGRC was held on **July 08, 2022** (10.30:00 hrs).
at ICAR -NBPGR, New Delhi and it was attended by the following members/invitees:

1.	Dr TR Sharma	DDG (Crop Science), Indian Council of Agricultural Research, Krishi Bhavan, New Delhi	Chairman
2.	Dr DK Yadava	ADG (Seeds), ICAR, Krishi Bhavan, New Delhi	Member
3.	Dr RK Singh	ADG (Commercial Crops and F&FC), Krishi Bhavan, New Delhi	Member
4.	Dr Ashok Kumar	Director (Acting), ICAR-National Bureau of Plant Genetic Resources, New Delhi	Member
5.	Dr. GP Singh	Director, ICAR-Indian Institute of Wheat and Barley Research, Karnal, Haryana	Member
6.	Dr. Sujay Rakshit	Director, ICAR-Indian Institute of Maize Research, Ludhiana, Punjab	Member
7.	Dr Nita Khandekar	Director, ICAR-Indian Institute of Soybean Research, Indore, Madhya Pradesh	Member
8.	Dr. Thankamani	Director (Acting), ICAR-Indian Institute of Spices Research, Kozhikode, Kerala	Member
9.	Dr Padmini Swain	Director (Acting), ICAR-National Rice Research Institute, Cuttack, Odisha	Member
10.	Dr. Bansa Singh	Director, ICAR-Indian Institute of Pulses Research, Kanpur, Uttar Pradesh	Member
11.	Dr L Subba Rao	Representative of Director, ICAR-Indian Institute of Rice Research, Hyderabad, Telangana	Member
12.	Dr. PM Singh	Representative of Director, ICAR-Indian Institute of Vegetable Research, Varanasi, Uttar Pradesh	Member
13.	Dr. IP Singh	Representative of Director and Project Coordinator (AICRP on MULLaRP), ICAR-IIPR, Kanpur, Uttar Pradesh	Member
14.	Dr Elangovan M	Representative of Director, ICAR-Indian Institute of Millets Research, Rajendranagar, Hyderabad, Telangana	Member
15.	Dr VV Singh	Representative of Director, ICAR-Directorate of Rapeseed-Mustard Research, Bharatpur, Rajasthan	Member
16.	Dr N Mukta	Representative of Director, ICAR-Indian Institute of Oilseeds Research, Hyderabad, Telangana	Member
17.	Dr Rajiv Kumar	Representative of Director, ICAR-Indian Institute of Horticultural Research, Bengaluru, Karnataka	Member
18.	Dr. Amarjeet Gupta	Representative of Director, ICAR-Directorate of Onion And Garlic Research, Pune Maharashtra	Member
19.	Dr. RK Gautam,	Head (Acting), DGE, ICAR-National Bureau of Plant Genetic Resources , Pusa Campus, New Delhi	Member

20.	Dr Anjali Kak Koul	Principal Scientist, DGC, ICAR-National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi	Member
21.	Dr Veena Gupta	Head (Acting), DGC, ICAR-National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi	Member Secretary



The **XXXXVIIIth** meeting of Plant Germplasm Registration Committee was organized under the Chairmanship of Dr. TR Sharma, Deputy Director General (Crop Science), ICAR in virtual mode. Dr. Ashok Kumar, Director (Acting), ICAR-NBPGR welcomed and thanked the Chairman for holding the meetings at quarterly interval. The Director also thanked all the experts and PC/PD for reviewing the proposals well in time for the meeting. Dr. Nita Khandekar, Director, ICAR-IISR, Indore wanted to know that if any new trait is identified in released variety can the variety be registered. The members were of the opinion that as per the ICAR approved PGRC guidelines release varieties cannot be registered as varieties are already protected.

The minutes of the **XXXXVIIth** meeting of PGRC were adopted as such after the confirmation of the Chairman. Following recommendations emerged during the discussion in PGRC meeting:

- The status on the utilization of the trait specific germplasm in the crop improvement programmes based on the requests received should be compiled and the information regarding utilization may also be sought from the crop based institute.
- To enhancing the utilization of the trait specific germplasm list of the registered germplasm along with the letter from Director NBPGR should be sent to ICAR institutes and SAUs

A total of 60 proposals were received for registration and out of that, 42 (proposals completed in all respect) were placed for consideration along with comments. These were 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 the committee for each proposal have been summarized in the enclosed table. Finally, 36 proposals belonging to 21 crop species were approved for registration and 03 were deferred for want of additional data and additional comment from experts. It was also agreed upon that next meeting of PGRC will be held in September 2022.

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

 (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 KrishiBhavan, New Delhi-110 001
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**XXXXVIIIth Germplasm Registration Committee Meeting, July 8, 2022:
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.	22080; IC0426273 INGR22064	Chittimuthyalu	Rice/ <i>Oryza sativa</i>	Landrace	Possess grain Zn (>24 ppm) content in polished rice. Possess unique aroma and grain type - aromatic short grain (ASG).	Dr. CN Neeraja, ICAR-IIRR Hyderabad, Telangana	Recommended
2.	22081; IC0643971 INGR22065	RP6338-9	Rice/ <i>Oryza sativa</i>	KMR-3R*2// Nagina22	Higher grain yield than Nagina22 (Tolerant parent) and KMR3 (Susceptible parent) under high-temperature stress (> 5 °C) and ambient temperature. Heat-tolerant in terms of stable yield across varied temperature locations (Based on stability variance and rankings). Heat-tolerant in terms of increased Coefficient of non-photochemical Quenching (qN) trait under high-temperature stress.	Dr. P Senguttuvel, ICAR-IIRR, Hyderabad, Telangana	Recommended
3.	22100; IC0642852 INGR22066	(AC33015) IC0642852; Bindli	Rice/ <i>Oryza sativa</i>	Landrace	Low phytic acid in grain (0.83 g/100g). High Zinc content in grain (59.1 mg/kg)	Dr. BC Patra, ICAR-NRRI, Cuttack, Odisha	Recommended
4.	22118; IC0645776 INGR22067	RP6252- BV/RIL/1705	Rice/ <i>Oryza sativa</i>	BPT5204 × Vardhan	Stable grain yield under low nitrogen (N) and 50% of the recommended N (N-50) inputs across tested field locations under AICRIP. High Nitrogen Use Efficiency (NUE), Physiological Efficiency (PE) and Recovery Efficiency (RE) under N-50 input. High Grain yield than Vardhan	Dr. CN Neeraja, ICAR -IIRR Hyderabad, Telangana	Recommended

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					(Positive Check of NUE) under Low and Recommended N input.		
5.	21163; IC0640674 INGR22068	HW5074	Wheat/ <i>Triticum aestivum</i>	HD 2833 (Sr2+ & Sr24/Lr24) * 4/COOK (Sr36/Pm6)	Consist of one adult plant minor stem rust resistance gene (APR), <i>Sr2</i> which has pleiotropic effect on leaf rust (<i>Lr27</i>) and stripe rust (<i>Yr30</i>) resistance. Contains two major stem rust (<i>Sr24</i> & <i>Sr36</i>), one leaf rust (<i>Lr24</i>) and one powdery mildew (Pm6) resistance genes. Resistant to the prevailing stem rust, leaf rust and powdery mildew pathotypes.	Dr Vikas VK, ICAR-IARI RS, Wellington, Tamil Nadu	Recommended
6.	22104; IC0645768 INGR22069	HW5068	Wheat/ <i>Triticum aestivum</i>	HW 4211 (MACS2496+ <i>Sr36/Pm6</i>)*3/ Darfkite	Contains three major stem rust (<i>Sr24</i> , <i>Sr26</i> & <i>Sr36</i>), one leaf rust (<i>Lr24</i>) and one powdery mildew (Pm6) resistance genes Resistant to the prevailing stem rust, leaf rust and powdery mildew pathotypes of India.	Dr Vikas VK, ICAR-IARI RS Wellington, Tamilnadu	Recommended
7.	21307; IC335971 INGR22070	IC335971	Wheat/ <i>Triticum aestivum</i>	Collection from Kardigudda, Dharwad, Karnataka	Heat tolerance nature.	Dr. VP Agarwal, SKRAU, Bikaner, Rajasthan	Recommended
8.	22068; IC0645762 INGR22071	DTW 119	Wheat/ <i>Triticum aestivum</i>	Dharwar Dry/ DPW621-50	Heat Tolerance.	Dr. Sonia Sheoran, ICAR-IIWBR, Karnal, Haryana	Recommended
9.	22105; IC0645769 INGR22072	HW5067	Wheat/ <i>Triticum aestivum</i>	HW 4210 (LOK1+ <i>Sr36</i> / Pm6) *3/ Darfkite	Contains three major stem rust (<i>Sr24</i> , <i>Sr26</i> & <i>Sr36</i>), one leaf rust (<i>Lr24</i>) and one powdery mildew (Pm6) resistance genes Resistant to the prevailing stem rust, leaf rust and powdery mildew pathotypes of India.	Dr. M Sivasamy, ICAR-IARI RS, Wellington, Tamil Nadu	Recommended
10.	22131; IC73591 INGR22073	IC73591	Wheat/ <i>Triticum aestivum</i>	Germplasm collection from	Resistance to leaf rust	Dr Sundeep Kumar, ICAR-NBPGR, Pusa Campus, New Delhi	Recommended

				Bhowali, Nainital, Uttarakhand			
11.	22093; IC0645765 INGR22074	DWRBG7	Barley/ <i>Hordeum vulgare</i>	DL456/IEBO N17	High bold grain proportion in six rowed hulless barley as indicated with higher 1000 g weight and bold grains percentage (76.7%).	Dr Jogendra Singh, ICAR-IIWBR Karnal, Haryana	Recommended
12.	22108; IC0645770 INGR22075	DWRBG 8 (Tested as BCU 8028)	Barley/ <i>Hordeum vulgare</i>	Collection from Leh, Ladakh	Hulless barley with combination of high grain beta glucan (7.0 %) and protein (16.6 %) content.	Dr Dinesh Kumar, ICAR-IIWBR Karnal, Haryana	Recommended
13.	22032; IC0644600	V 603	Maize/ <i>Zea mays</i>	CM 152 x PDH-8 (EC928979)	Liguleless. Early maturing. V 603 is broadly in the genetic background of narrow-base population CM 152 (female parent of Vivek Maize Hybrid 15). Known heterotic affinity of CM 152 makes the stock directly usable maize hybrid breeding programmes.	Dr. RK Khulbe, ICAR-VPKAS Almora, Uttarakhand	Deferred: For want of published multi-location/environment data on the trait claimed.
14.	22033; IC0644601	V 604	Maize/ <i>Zea mays</i>	CM 152 x PDH-8 (EC928979)	Liguleless. Extra early maturing. V 604 is broadly in the genetic background of narrow-base population CM 152 (female parent of Vivek Maize Hybrid 15). Known heterotic affinity of CM 152 makes the stock directly usable maize hybrid breeding programmes.	Dr. RK Khulbe, ICAR-VPKAS Almora, Uttarakhand	Deferred: For want of published multi-location/environment data on the traits claimed.
Millets							
15.	22016; IC0643959 INGR22076	IIMR FxM-7 (FXV 645)	Foxtail Millet/ <i>Setaria italica</i>	Selection from ISe 1593	Early duration with high grain yield (1897 kg/ha). Multiple disease resistance. Thick and Compact inflorescence.	Dr. Hariprasanna K, ICAR-IIMR, Hyderabad, Telangana	Recommended
16.	22024; IC0483093 INGR22077	LMV 533	Little Millet/ <i>Panicum sumatrense</i>	Pureline selection from GPmr 6	Early flowering (50-52 days) and early maturity (83-85 days) with grain and fodder yield advantage.	Dr. Ganapathy KN, ICAR-IIMR, Hyderabad, Telangana	Recommended
17.	22022; IC0643961 INGR22078	SPV 2625	Sorghum/ <i>Sorghum bicolor</i>	Selection from C43 x Yellow sorghum	Early maturing (110.3 days) yellow grained sorghum. Dwarf yellow grained sorghum	Dr. Sooganna, ICAR-IIMR,	Recommended

				(PYPS 2)-1-8-1-1-1-1		Hyderabad, Telangana	
Grain legumes							
18.	21215; IC0643992 INGR22079	HPKM191	Horse Gram/ <i>Macrotyloma uniflorum</i>	Mutant line developed from HPKC2 through gamma radiation	Very early maturing (84 days). Semi-dwarf. Synchronous maturity.	Dr. RK Chahota, CSKHPKV, Palampur Himachal Pradesh	Recommended
19.	22028; IC0643972	PSL-17	Lentil/ <i>Lens culinaris</i>	L-4076 x PSL-11	Salt tolerance (ECe-5.8-6.7dS/m).	Dr. Dharmendra Singh ICAR-IARI, Pusa Campus, New Delhi	Not Recommended: It has been observed in annual report data that the normal check (IPL 316) and some other genotypes were performed better than the proposed genotype PSL-17. Hence, it cannot be recommended for registration.
20.	22047; IC0643974	PMD-7	Mung Bean/ <i>Vigna radiata</i>	Pusha Vishal x MH-565	Salt tolerance (ECiw-5.0, RSCiw 4me/1, pH 8.9)	Dr. Dharmendra Singh, ICAR-IARI, Pusa Campus, New Delhi	Not Recommended: In AICRP trial of 3 location data, numerical superiority was alone seen. There was no significant improvement. The claim is on salinity tolerance for which test location status alone was provided. No other parameter was provided genotype wise.
21.	22066; IC0251385	IC251385	Urd Bean/ <i>Vigna mungo</i> var. <i>mungo</i>	Introduction	Highly resistant against <i>Callosobruchus chinensis</i> .	Dr. Aditya Pratap, ICAR-IIPR, Kanpur, Uttar Pradesh	Deferred: For want of more comments from experts.

22.	22090; IC0553521 INGR22080	IC553521	Wild Bean/ <i>Vigna stipulacea</i>	selection from collected germplasm	High protein content (24.6%).	Dr. Padmavathi Gore, ICAR-NBPGR Pusa Campus, New Delhi	Recommended
23.	22091; IC0553564 INGR22081	IC553564	Wild Bean/ <i>Vigna stipulacea</i>	selection from collected germplasm	Long peduncle length (63 cm).	Dr. Padmavathi Gore, ICAR-NBPGR Pusa Campus, New Delhi	Recommended
Vegetables							
24.	22001; IC0645764 INGR22082	ACC. 1666	Onion/ <i>Allium cepa</i>	Bulb selection from Accession 1473 (IC No. 594035)	Waterlogging tolerance.	Dr. Thangasamy A ICAR-DOGR, Pune, Maharashtra	Recommended
25.	22075; IC0645763 INGR22083	Accession 1656	Onion/ <i>Allium cepa</i>	Selection from Accession 1218 (IC No. 571949)	Drought tolerance.	Dr Thangasamy A, ICAR-DOGR, Pune, Maharashtra	Recommended
26.	22046; IC0645760 IC0645761 INGR22084	VL In. 31-1A (Female) & VL In. 31-1B (Maintainer)	Onion/ <i>Allium cepa</i>	In. 13 ms/ In. 43 (VLP-3)	Long day/intermediate day length onion line with Cytoplasmic male sterility (CMS).	Dr. NK Hedau, ICAR-VPKAS, Almora, Uttarakhand	Recommended
27.	22113; IC0645771 INGR22085	ADM/VV-1 / AZMC-1	Cucumber/ <i>Cucumis sativus</i>	Individual plant selection from local germplasm	High carotenoid content (54.8 µg/g in mature fruits; 8.12 µg/g in tender fruits). Orange flesh colour.	Dr AD Munshi, ICAR-IARI, Pusa Campus, New Delhi	Recommended
28.	22119; IC0632944 INGR22086	VRPLK-2	Spinach Beet (Palak) / <i>Beta vulgaris</i> var. <i>bengalensis</i>	Selection from open population of local collection	Delayed bolting habit by 16-33 days favours 1-2 more number of cutting(s) during year round sowing; and have faster plant growth i.e. 15.4% higher biomass production per cutting during round-the-year cultivation. Heat tolerance: Produces luxurious plant growth by tolerating high temperature i.e. average temperature	Dr BK Singh, ICAR-IIVR, Varanasi, Uttar Pradesh	Recommended

					<p>maxima of 39-43 °C during April to June.</p> <p>Wide adaptability: VRPLK-2 produces higher marketable biomass yield i.e. 136-887 q/ha during round the year monthly sowing which is 56-147% higher than standard check variety because of delayed bolting habit, faster plant growth and heat tolerance.</p>		
29.	22031; IC0642307 INGR22087	VRPE-29	Pea/ <i>Pisum sativum</i> subsp. hortense	The vegetable pea genotype 'VRPE-29' has been developed through single plant selection approach from the cross 'PM-5 × Ageta'.	Extra Early Genotype of Vegetable Pea (<i>Pisum sativum</i> var. <i>hortense</i>). synchronous maturity, thus suitable for single picking or Mechanical harvesting and Multiple cropping	Dr. Jyoti Devi, ICAR-IIVR, Varanasi, Uttar Pradesh	Recommended
30.	22129; IC0642961 IC0623130 INGR22088	VRCAR-252 (A-line) & Kashi Krishna (B-line)	Carrot/ <i>Daucus carota</i>	A CMS plant in an open-pollinated population with orangish-red coloured root as donor parent, and black carrot variety Kashi Krishna as recurrent parent	VRCAR-252 is a petalod-CMS line of black carrot with better heterotic potential for root yield and uniformity. The roots of VRCAR-252 are excellent source of plant derived anthocyanins (278 mg/100 g FW) & phenolics (323 mg GAE/100 g FW); having better anthocyanin yield potential (67 kg/ha); and greater anti-oxidative ability (FRAP value of 47 µmol TE/g FW) i.e. 28-times higher than red/orange/yellow carrots. VRCAR-252 and its maintainer are ideally synchronous in flowering/pollination activities which facilitate proper pollination and maximum seed set in CMS line.	Dr BK Singh, ICAR-IIVR, Varanasi, Uttar Pradesh	Recommended
Oilseeds							

31.	22122; IC0645773 INGR22089	DRMR 2017-26	Indian Mustard/ <i>Brassica juncea</i>	NRCHB 101 × DRMR 2269	High temperature tolerance at seedling stage coupled with high seed and oil yield.	Dr HS Meena, ICAR-DRMR, Bharatpur, Rajasthan	Recommended
32.	22123; IC0645774 INGR22099	DRMR 2018-27	Indian Mustard/ <i>Brassica juncea</i>	NRCHB 101 × DRMR 2398	High temperature tolerance at seedling stage. Moisture stress tolerance.	Dr HS Meena, ICAR-DRMR, Bharatpur, Rajasthan	Recommended
33.	20147; IC0643978 INGR22090	R6	Sesame/ <i>Sesamum</i> sp	An inter-specific hybrid of <i>Sesamum indicum</i> L. (female) (IC 131989 MP, NBPGR) and <i>S. mulayanum</i> (male) (wild)	High lignan content (sesamin 61.2 ug/ml; sesamol 15.1 ug/ml). High oil content (52.9% w/w). Tolerance to charcoal rot (causal organism <i>Macrophomina phaseolina</i>).	Dr. G Gangopadhyay, BOSE Institute, Kolkata, West Bengal	Recommended
34.	22101; EC0041469	EC0041469	Linseed/ <i>Linum usitatissimum</i>	Germplasm collection	Bold seed. High Test-Weight. (9.51 g/1000-seeds)	Dr DP Wankhede, ICAR-NBPGR, Pusa Campus, New Delhi	Not recommended: As per the documentary proofs, another accession EC001470 that has been tested along with this accession is superior in terms of larger seed area (14.63 mm ²), largest capsule size with capsule area 52.58 mm ² and high thousand seed weight (10.93 g) as compared to 9.51 g in EC0041469. EC0041700 with its superiority for seed traits may be preferred over EC0041469 for registration as it has not been registered as yet.
35.	22083; EC34372 INGR22091	EC34372	Soybean/ <i>Glycine max</i>	Introduced from Hungary	Anthracnose resistance. Early Maturing. Out of six genes tested for early maturity and photoperiod response (E1, E2, E3, E4, E9 and E10), four had shown rare alleles (e2, e3, e4 and e9).	Dr. V Nataraj, ICAR-IISR Indore, Madhya Pradesh	Recommended

Spices							
36.	21003; IC0645756 INGR22092	Acc 562	Nutmeg/ <i>Myristica fragrans</i>	Open pollinated progeny from farmers plot	Monoecious nutmeg. Monoecious, Fruits borne in clusters of 2 to 7. High yielding.	Dr. J Rema, ICAR-IISR Kozhikode, Kerala	Recommended
Medicinal & Aromatic Plants							
37.	21306: IC0590905 INGR22093	TRA-1 (CIARI- Samridhi)	Noni/ <i>Morinda citrifolia</i>	Local Germplasm	Small fruit (55-60 g) high yield due to more number of fruits. Dwarf stature (1.7-2.5 m) year round yielder.	Dr. I Jaisankar, ICAR- CIARI, Port Blair, A and N Islands,	Recommended
Fruits & Nuts							
38.	21226; IC0594046 INGR22094	ML-2	Mango/ <i>Mangifera indica</i>	Collection from Manjery, Guptapara, South Andaman, Andaman and Nicobar Islands	Polyembryony. Salt tolerant. Regular bearing.	Dr. T Damodaran, ICAR-CSSRI-RRS, Karnal, Haryana	Recommended
39.	22078; IC0642756 INGR22095	IC-0642756	Rambutan/ <i>Nephelium lappaceum</i>	selection from seedling population	Yellow colour fruit. More Number of fruits per bunch (15-20 fruits/ Bunch). Medium fruit size.	Dr. PC Tripathi, ICAR-IIHR, Bengaluru, Karnataka	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
1.	21084; IC0640694 INGR22096	VL 360	Finger Millet/ <i>Eleusine coracana</i>	WR 2 (Late maturing white grain genotype) / VL 201 (early maturing brown grain genotype)	Early maturity (100 days). White grain.	Dr. DC Joshi, ICAR-VPKAS, Almora, Uttarakhand	Recommended
2.	21275; IC0645757 INGR22097	Somatic hybrid (H1 * B. j. cv NPJ- 212)	Indian Mustard/ <i>Brassica juncea</i>	(<i>B. juncea</i> + <i>S. alba</i>) * B. j cv NPJ-212	Resistant against <i>Alternaria brassicae</i> . High yeild potential on the Somatic hybrid H1. Short height and duration than the H1.	Dr. DK Yadava, ICAR-Krishi Bhavan, New Delhi	Recommended
3.	21314; IC0645758 INGR22098	Somatic hybrid (H2 * B. j. cv NPJ- 212)	Indian mustard/ <i>Brassica juncea</i>	(<i>B. juncea</i> + <i>S. alba</i>) * B. j cv NPJ-212	Resistant for <i>Alternaria brassicae</i> . High yeild potential on the Somatic hybrid H2. Short height and duration than the H2.	Dr. DK Yadava, ICAR-Krishi Bhavan, New Delhi	Recommended



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