

**Minutes of the 53<sup>rd</sup> Meeting of Central Sub-Committee on Crop Standards, Notification and Release of Varieties for Agricultural Crops held under the Chairmanship of Prof. S.K. Dutta, Deputy Director General (Crop Sciences), ICAR, Krishi Bhawan, New Delhi on 26<sup>th</sup> June, 2009 at 11.00 A.M. in ICAR CR No.1, Krishi Bhawan, New Delhi-110 001.**

The list of the participants who attended the meeting is annexed as Annexure-I.

The Chairman, Central Sub-Committee on Crop Standards, Notification and Release of Varieties for Agricultural Crops welcomed members of the Sub-committee and special invitees.

Since it is the first meeting of the DDG(CS), ICAR he was informed about the task of the Sub-committee in release/notification of improved varieties which provide important role in enhancing crop production. He welcomed all members of the Sub-committee and special invitees and requested them to assess each and every proposal in a critical manner and to recommend the one which provide potential in yield resistant to diseases and pest for cultivation thereby enhancing production and productivity of the cultivar taking into consideration of the food security. He also informed that release and notification of variety are being undertaken to comply with the provisions of the Seeds Act, 1966 and Seeds Rule, 1968. After the brief introduction, regular agenda items were taken for discussion as under:

**Item No.1: Confirmation of the minutes of 52<sup>nd</sup> meeting of Central Sub Committee on Crop Standards, Notification and Release of Varieties for Agricultural Crops held on 29<sup>th</sup> December, 2008.**

The minutes of 52<sup>nd</sup> meeting of Central Sub Committee on Crop Standards, Notification and Release of Varieties for Agricultural Crops has been circulated vide No. 17-18/2008-SD.IV dated 20.01.2009. Since no comments has been received, therefore, the minutes of the meeting were confirmed.

**Item No.2: Review of follow up action of the 52<sup>nd</sup> meeting of Central Sub Committee on Crop Standards, Notification and Release of Varieties for Agricultural Crops.**

The following varieties have been recommended for notification, which were deferred during the 44<sup>th</sup> and 51<sup>st</sup> meeting for want of submission of seed sample particulars to NBPGR for accession and the same has been submitted with the NBPGR.

**Table No. 1**

<b>S. No.</b>	<b>Crop</b>	<b>Name of the variety</b>
1	Pearl Millet	AVIKA BAJRA CHARI (AVKS-19)
2	Indian mustard	RB-50
3	Ground nut	ICHG00440 (Mallika)

**Item No.3: Release and notification Proposals received for consideration in the 53<sup>rd</sup> Meeting of Central Sub Committee on Crop Standards, Notification and Release of Varieties for Agricultural Crops.**

The following proposals have been received for consideration in the 53<sup>rd</sup> meeting of the Sub-Committee for release/notification (Central varieties) and the particulars of the same are given as under:

**Table No. 2**

<b>S. No.</b>	<b>Crop</b>	<b>Name of the variety</b>	<b>Remarks</b>
1	Rice	Vallabh Basmati-22 (IET 19492) (MAUB-162)	1. Recommended for release and cultivation in the states of Uttar Pradesh and Haryana under irrigated condition. Average yields 36.33 Qtls.  2. Recommended for notification to entire country.
2	Rice	CO(R) 50 (IET 19321) (CB 01001)	1. Recommended for release and cultivation in the states of Tamil Nadu, Karnataka and Andhra Pradesh under irrigated condition as a transplanted crop in Rabi season. Maturity 130-135 days. Average yields 5446 kgs/ha.  2. Recommended for notification to entire country.
3	Rice	DRH-775(IET-19741)	1. Recommended for release and cultivation in the states of Chhattisgarh, Jharkhand and West Bengal under irrigated conditions. Medium early maturity. Resistant to leaf blast and neck blast, moderately resistant to RTV. Tolerant to WBPH and Stem Borer. Average yield 7000-7500 Kgs./ha.  2. Recommended for notification to entire country.
4	Rice	91H97228 (HRI 157) (IET 19511)	1. Recommended for release and cultivation in the States Uttar Pradesh, Madhya Pradesh, Chhattisgarh, Gujarat, Karnataka & Puducherry under timely sown well-drained irrigated areas in Kharif season. Medium Maturity, 135 days. Non-lodging, Non-shattering. Average yield 6-8 Tons/ha.  2. Recommended for notification to entire country.

5	Rice Hybrid	PAC 835 (PAC 80035) (IET 18178)	<p>1. Recommended for release and cultivation in the States of Eastern Orissa and Western Gujarat under irrigated transplantation conditions. Medium maturity 132 days. Average yield 5.62 tons/ha.</p> <p>2. Recommended for notification to entire country.</p>
6	Rice Hybrid	PAC 837 (PAC 85037) (IET 19746)	<p>1. Recommended for release and cultivation in the States of Western (Gujarat), Easter (Chhattisgarh), North Western (Jammu &amp; Kashmir) and Southern (Andhra Pradesh &amp; Karnataka) of India under irrigated and transplantation conditions. Medium maturity 130 days. Average yield 6.32 tons/ha.</p> <p>2. Recommended for notification to entire country.</p>
7	Wheat	MACS 2971	<p>1. Recommended for release and cultivation in the states of Maharashtra, Karnataka and Tamil Nadu under timely sowing irrigated conditions. Medium Maturity 107 days. Average Yield 48.50 – 52.9 Qtls/ha.</p> <p>2. Recommended for notification to entire country.</p>
8	Maize	HM-11(HKH-1237)	<p>1. Recommended for release and cultivation in the states of Punjab, Haryana, Uttarakhand, U.P., Bihar, Jharkhand, Chhattisgarh, Gujarat, Orissa, Assam, Andhra Pradesh, Maharashtra, Karnataka and Tamil Nadu for Rabi season. Late maturity, 110-160 days. Average yield 6550 kgs./ha.</p> <p>2. Recommended for notification to entire country.</p>
9	Maize	DKC 7074R (MCH-35)	<p>1. Recommended for release and cultivation in the states of Maharashtra, Karnataka, Tamil Nadu, Punjab, Haryana, U.P., Rajasthan, M.P. and Gujarat in Kharif season. Early maturity, 86 days. Average yield 6723 kgs/ha.</p> <p>2. Recommended for notification to entire country.</p>

10	Maize	Vivek Sankul Makka 35 (VL 113)	<p>1. Recommended for release and cultivation in the states of Uttarakhand, Himachal Pradesh and Jammu Kashmir under rainfed condition in Kharif. Early maturity, 90-95 days. Average yield 5188 kgs/ha.</p> <p>2. Recommended for notification to entire country.</p>
11	Maize	Vivek Sankul Makka 37 (VL 114)	<p>1. Recommended for release and cultivation in the states of Maharashtra, Andhra Pradesh, and Tamil Nadu under rainfed condition in Kharif. Extra Early Maturity 82-85 days. Average yield 4695 kgs/ha.</p> <p>2. Recommended for notification to entire country.</p>
12	Maize	PINNACLE (M ON 25)	<p>1. Recommended for release and cultivation in the states of Bihar, Orissa, West Bengal and Jharkhand. Late Maturity, 151 days. Average Yield 8562 kgs./ha</p> <p>2. Recommended for notification to entire country.</p>
13.	Maize	PAC 740	<p>1. Recommended for release and cultivation in the states of Punjab, Haryana, Delhi, Western U.P. and Plains of Uttarakhand. Full season maturity. Average Yield 6760 kgs./ha</p> <p>2. Recommended for notification to entire country.</p>
14	Maize	JKMH-502	<p>1. Recommended for release and cultivation in the states of Punjab, Haryana, Delhi and Uttar Pradesh for Kharif season. Late maturity. Average yield 6909 kgs/ha.</p> <p>2. Recommended for notification to entire country.</p>
15	Pearl Millet	JKBH-676(MH-1299)	<p>1. Recommended for release and cultivation in the states of Rajasthan, Gujarat, Haryana, Plains of Uttar Pradesh, New Delhi and Punjab. Medium maturity, 82-85 days. Average Yield 3000 kgs/ha.</p> <p>2. Recommended for notification to entire country.</p>

16	Pearl Millet	RHB-154 (MH-1340)	<p>1. Recommended for release and cultivation in the states of Rajasthan, Haryana and Gujarat. Tolerant to drought. Early maturity. Average Yield 2600 kgs./ha.</p> <p>2. Recommended for notification to entire country.</p>
17	Sorghum	CSH 24 MF (I.C.No. 560854) (UTMCH-1302)	<p>1. Recommended for release and cultivation in the states of Uttarakhand, U.P., Gujarat, Haryana, Punjab and Delhi under irrigated and rainfed conditions of Kharif. Early maturity, 105-110 days. Average Yield - Green Fodder 913 Qtls./ha. and Dry Fodder 231 Qtls./ha.</p> <p>2. Recommended for notification to entire country.</p>
18	Pigeon pea	TJT 501	<p>1. Recommended for release and cultivation in the states of Maharashtra, M.P., Gujarat and Chhattisgarh under timely sown condition in Kharif. Maturity 152-183 days. Average Yield 1860 kgs./ha.</p> <p>2. Recommended for notification to entire country.</p>
19	Chickpea	Shubhra (IPCK 2002-29)	<p>1. Recommended for release and cultivation in the states of Madhya Pradesh, Chhattisgarh, Maharashtra and Gujarat under irrigated conditions in Rabi season. Maturity 104-108 days. Average Yield 2041 kgs./ha.</p> <p>2. Recommended for notification to entire country.</p>
20	Mungbean	IPM 02-3	<p>1. Recommended for release and cultivation in the states of Rajasthan, Punjab, Haryana, Delhi, Plains of Himachal Pradesh and Jammu reason in Kharif season. Medium maturity 70-72 days. Resistant to MYMV. Average yield 994 kgs/ha.</p> <p>2. Recommended for notification to entire country.</p>

21	Urdbean	IPU 02-43	<p>1. Recommended for release and cultivation in the states of A.P., Karnataka, Tamil Nadu and Orissa under Kharif season. Moderately resistant to MYMV and powder mildew. Bold seeded. Early maturity – 58-87 days. Average yield 911 kgs/ha.</p> <p>2. Recommended for notification to entire country.</p>
22	Indian Mustard	RGN-145	<p>1. Recommended for release and cultivation in the states of Plains of J &amp; K, Punjab, Haryana, Rajasthan, Delhi, Western Uttar Pradesh in Rabi season under irrigated condition. Medium Maturity, 121-141 days. Average Yield 1543 kgs./ha.</p> <p>2. Recommended for notification to entire country.</p>
23	Yellow Sarson	YSH 0401	<p>1. Recommended for release and cultivation in the States of Eastern U.P., West Bengal and Bihar. Maturity 115-120 days.</p> <p>2. Recommended for notification to entire country.</p>
24	Gobhi Sarson	Him Sarson-1	<p>1. Recommended for release and cultivation in the States of J&amp; K, Himachal Pradesh and Uttarakhand under timely sown irrigation condition of Rabi season. Maturity 146-184 days. Average yield 1362 kgs/ha.</p> <p>2. Recommended for notification to entire country.</p>
25	Jute	MONALISA (RRPS-27-C-3)	<p>1. Recommended for release and cultivation in the States of West Bengal, Bihar, Orissa and Assam under rainfed conditions. Early maturity, 110-115 days. Average yield 34Qtls Fiber/ha.</p> <p>2. Recommended for notification to entire country.</p>
26	Jute	ANKIT (NDC-2008)	<p>1. Recommended for release and cultivation in the States of Bihar, Assam, Orissa, West Bengal and Eastern Part of U.P. Medium maturity, 160-170 days. Average yield 27 Qtls./ha.</p> <p>2. Recommended for notification to entire country.</p>

27	Sunhemp	SUN-053	<p>1. Recommended for release and cultivation in the States of Bihar, Uttar Pradesh, Madhya Pradesh, Maharashtra, Orissa and Rajasthan. Early maturity, 120-150 days for fiber purpose. Average yield 9.-11Qtls of Fiber/ha.</p> <p>2. Recommended for notification to entire country.</p>
28.	Sunflower Hybrid	PAC 334	<p>1. Recommended for release and cultivation in the States of Gujarat, Maharashtra, Tamilnadu, Karnataka, Andhra Pradesh and Puducherry under irrigated Rabi Season. Medium maturity, 100-105 days. Average yield 1786 kgs./ha. and Oil yield 576 kgs/ha.</p>

**Item No. 4: Proposals received for consideration of notification (State varieties) in 53<sup>rd</sup> Meeting of Central Sub Committee on Crop Standards, Notification and Release of Varieties for Agricultural crops.**

The following proposals for notification (State Varieties) are received for consideration in the 53<sup>rd</sup> meeting of the Sub-Committee. The particulars are as follows:

**Table No. 3**

S. No.	Crop	Variety	Sponsoring State
1	Rice	SWARANA-SUB1 (CR 2539-1) IET-20266	<p>The Committee noted that the material under reference has been developed at IRRI, Philippines and received under ICAR-IRRI collaborative programme "From genes to farmer' fields: enhancing and stabilizing productivity of rice in submergence prone environments" by CRRI, Cuttack.</p> <p>Keeping in view of the above, the Committee recommended this variety for general cultivation in Orissa and Uttar Pradesh.</p>
2	Rice	Narendra Usar Dhan 2008 (IET-18699)	Uttar Pradesh/ 2009
3	Rice	NDR 2064 (IET 17475)	Uttar Pradesh/ 2009
4	Rice	Narendra Dhan 3112-1 Prakhar (IET 19335)	Uttar Pradesh/ 2009
5	Rice	Narendra Lalmati (IET 21051)	Uttar Pradesh/ 2009
6	Rice	Rani Dhan (IET-19148)	Orissa/2009
7	Rice	Taramati (RNR-23064)	Andhra Pradesh/ 2009
8	Rice	PUBM-8	Karnataka/2008

9	Rice	SHARADA (MAS 946-1)	Karnataka/2007
10	Rice	CSR 22	Karnataka/2008
11	Rice	KHP-10	Karnataka/2008
12	Rice	ONA SIRI (MAS 26)	Karnataka/2008
13	Rice	MGD 101	Karnataka/2008
14	Wheat	Ratan(CG 5016)	Chhattisgarh/2007
15	Maize	EH-434042 (DH1)	Karnataka/2008
16	Sorghum	DSV 6	Karnataka/2008
17	Ragi	ML-365	Karnataka/2008
18	Ragi	Paiyur(Ra)2	Tamil Nadu/2008
19	Chickpea	BGD-103	Karnataka/2008
20	Black Gram	Madhira Minumu – 207	Andhra Pradesh/2009
21	Green Gram	KKM-3	Karnataka/2009
22	Red Gram	Surya (MRG-1004)	Andhra Pradesh/2009
23	Horse Gram	GPM-6	Karnataka/2008
24	Ground Nut	Kadiri-9	Andhra Pradesh/2009
25	Ground Nut	VRI (Gn) 7	Tamil Nadu/2008
26	Ground Nut	Greeshma	Andhra Pradesh/2009
27	Ground Nut	Kadiri-7	Andhra Pradesh/2009
28	Ground Nut	Kadiri-8	Andhra Pradesh/2009
29	Sunflower	KBSH-53	Karnataka/2008

The following notification proposals (State Varieties) have not been considered for the reasons stated against each:-

**Table No. 4**

S. No.	Crop	Variety	Year of release & Remarks
1	Rice	Rajendra Bhagwati	Bihar/2009. Deferred for want of All India Coordinated trial data on Pest diseases and NBPGR Certificate.
2	Rice	CO(R) 49	Tamil Nadu/ 2008. Deferred for want of All India Coordinated trial data on Pest diseases and NBPGR Certificate.
3	Rice	Indrayani (VDN-3-51-18)	Maharashtra/1987. The proposal deferred for want of All India Coordinated trial data on Pest diseases and NBPGR Certificate. Further, the proposal in question has also not been submitted through proper channel. The reason for submitting the proposal after the lapse of nearly 12 years of release has not been indicated.
4	Black Gram	Vallabh Urd-1	The proposal under reference has been deferred as it has not been routed through proper channel i.e. State Seed sub-committee.

5	Mustard	Chhattisgarh Sarson	Chhattisgarh/2007. Deferred for want of All India Coordinated trial data on Pest diseases and detailed morphological characters.
6	Black Gram	DU-1	Karnataka/2009. Rejected due to susceptible to diseases.
7	Red Gram	Warangal Kandi-53	Andhra Pradesh/2009 Deferred for want of All India Coordinated trial data on Pest diseases and NBPGR Certificate.
8	Cowpea	KM-5	Karnataka/2008 Deferred for want of All India Coordinated trial data on Pest diseases and NBPGR Certificate.
9	Field Bean	HA 4	Karnataka/2008. Deferred for want of All India Coordinated trial data on Pest diseases and NBPGR Certificate.
10	Soyabean	LSb-3	Andhra Pradesh/2009. Deferred for want of All India Coordinated trial data on Pest diseases and NBPGR Certificate.
11	Sesame	Sarada (YLM-66)	Andhra Pradesh/2009. Deferred for want of All India Coordinated trial data on Pest diseases and NBPGR Certificate.
12	Jute	NDC 9102	Uttar Pradesh/2007. Deferred for want of All India Coordinated trial data on Pest diseases and NBPGR Certificate.
13	Sugar Cane	SNK 044	Karnataka/2007. Deferred for want of All India Coordinated trial data on Pest diseases and NBPGR Certificate.
14	Tobacco	Sahyadri (KST-28)	Karnataka/2008. The crop under reference has not covered under the Seeds Act, 1966, therefore, the Committee rejected the proposal for notification.
15	Sorghum	SPH-1567	Maharashtra/2007. The variety under reference has already been notified vide S.O. No. 1108 (E) dated 08.05.2008.

**Item No. 5 : Preparation of primers to identify the genetic purity of the variety through DNA finger printing:**

The Committee noted the importance of primers to be developed for the varieties so as to identify genetic purity through biotechnology tool such as DNA Finger Printing. The Committee further noted that Government of India provided adequate financial assistance to State Governments for establishing DNA Finger Printing Labs. The Committee was also informed that DNA Finger Printing Labs. established with the financial assistance of the DAC at the Directorate of Seed Certification, Coimbatore are developing the primers for their State important varieties. It was also informed that the personnel from the Dte. of Seed Certification Coimbatore were trained at IARI, New Delhi and they are in position to identify the genetic purity through DNA Finger Printing where ever primers of the varieties made available. The Committee also felt similar type of training

to be extended to all the STO of Seed Testing Labs. to whom the financial assistance has been provided by DAC for establishment of DNA Finger Printing Lab. for which Director, NBPGR requesting adequate financial assistance from DAC for providing training to the officials of Dte. of Agriculture of State Governments/Seed Certification Agencies/Seeds Corporations for the purpose stated above. It was informed that there is no budget provision is available for the purpose and requested NBPGR to extend training facilities to the official without demanding any fund.

After the in-depth discussion, the Committee requested to the Project Coordinators/Director, NBPGR to prepare them-self's to provide genotyping data during the year, 2011 alongwith the varieties where ever the proposal is submitted for release/notification.

**Item No.6 : Amendment in the Gazette Notifications**

The Committee agreed to amend the following Gazette Notifications as stated below:-

**Table No. 5**

S. No.	Gazette Notification No.	Existing information	To replace the existing information as	Reason of amendment
1.	S.O.72(E) dated 10.01.2008	Pearl Millet <b>Proagro 555</b> (MSH 16) (PB 727)	Pearl Millet <b>Proagro 9555</b> (MSH 16) (PB 727)	Due to typographical error
2.	S.O.1178(E) dated 20.07.2007	Maize <b>HPQM-1</b>	Maize <b>HQPM-1</b>	Due to typographical error

Meeting ended with vote of thanks to the Chair.