



भा.कृ.अनु.प-केंद्रीय कपास अनुसंधान संस्थान, नागपुर
ICAR-Central Institute for Cotton Research, Nagpur

भारतीय कृषि अनुसंधान परिषद, कृषि अनुसंधान एवं शिक्षा विभाग
Indian Council of Agricultural Research,
Department of Agricultural Research & Education

डॉ. विजय एन. वाघमारे
निदेशक
Dr. V. N. Waghmare
Director

कृषि एवं किसान कल्याण मंत्रालय, भारत सरकार
MINISTRY OF AGRICULTURE & FARMERS WELFARE, GOVERNMENT OF INDIA
An ISO 9001:2015 Certified Organisation

F.No. PS 1(26)-AICRP/Non-Bt/VIC/2026-27
Date.03-07-2026

Sub: Approved Proceedings of Varietal Identification Committee 2026 for Non-Bt cotton varieties/hybrids – regarding.

Ref: F.No. CS4-3/2022-CC(e-185651) Dated: 30.06.2026 from ADG (CC), ICAR, New Delhi

Dear Sir/Madam,

Greetings!

With reference to the subject cited above, please find attached herewith approved proceedings of the Varietal Identification Committee (VIC), 2026 for Non-Bt Cotton Varieties/Hybrids held virtually under the Chairmanship of Dr. D. K. Yadava, Deputy Director General (Crop Sciences), Indian Council of Agricultural Research, New Delhi on 8th May, 2026.

Thanking you and with regards,


Yours sincerely.


(V.N. Waghmare)

Encl-as above.

Copy to:

- 1) M/s. Shakti Vardhak Hybrid Seeds Pvt. Ltd, Tilak Bazaar, Talaki Gate, Hisar, Haryana 125001.
- 2) The Cotton Breeder, Cotton Research Scheme, Oilseeds Research Station, MPKV, Jalgaon-425001.
- 3) The Heads Division of Crop Improvement/Crop Production/Crop Protection, ICAR-CICR, Nagpur for information.
- 4) The Head, ICAR-CICR, RS, Coimbatore 641003 : for information.
- 5) The Head, ICAR-CICR, RS, Sirsa : for information.
- 6) Dr. S. Manickam, Principal Scientist, ICAR-CICR, RS, Coimbatore 641003: for information.
- 7) Dr. G. T. Behere, Nodal Officer, ICAR-AICRP on Cotton, ICAR-CICR, Nagpur


(V.N. Waghmare)

**Proceedings of the Varietal Identification Committee meeting for
Non-Bt Cotton Varieties/Hybrids held under the Chairmanship of
Deputy Director General (Crop Science), ICAR, New Delhi**

Mode of Meeting: - Virtual/Online

Date: 08th May, 2026

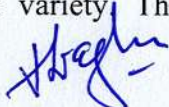
The Varietal Identification Committee meeting for consideration of the proposals for identification of Non-Bt cotton Varieties/ Hybrids was held under the Chairmanship of Dr. D. K. Yadava, Deputy Director General (CS), ICAR, New Delhi on 8th May, 2026 in virtual mode. The members of the Committee who attended the meeting is annexed herewith.

Dr. V. N. Waghmare, Member Secretary, VIC for non-Bt Cotton varieties/ hybrids welcomed the Chairman and the members of the VIC, Eminent Scientists and Resource Persons for the meeting. With the permission of the Chairman, Dr. S. Manickam, Principal Investigator (Plant Breeding), AICRP on Cotton, ICAR-CICR, Nagpur made a presentation of the proposals for consideration by the VIC.

In total, **seven** proposals were received and presented for consideration of the Committee. After detailed discussion on each proposal in respect of benchmark value for seed cotton yield, fibre quality and pest and disease reactions, **following** proposals were considered by the committee for identification.

The recommendation of the committee on each proposal is as follows:

1. **KR 160 (Pedigree: GMS-1 X SVA-321):** The *desi* hybrid proposal was submitted for identification in North zone States under Irrigated conditions by M/s Shakti Vardhak Hybrid Seeds Pvt Ltd. Though the hybrid recorded (33.79 q/ha) 12.5% yield advantage over zonal check and 21.4 % yield advantage over local check hybrids and meets other criteria but the hybrid is highly susceptible to root rot disease of cotton (70.8%) and the disease incidence was 30.8% and 20.8% higher than the zonal and local check, respectively. The fibre quality of the hybrid is UHML: 19.5 mm, Micronaire: 6.8 µg/inch and Tenacity: 19.9 g/tex. Hence, it is **not recommended for identification** in the North zone states of Punjab, Haryana and Rajasthan under Irrigated conditions.
2. **KR 162 (Pedigree: GMS-1 X SVA-324):** The *desi* hybrid proposal was submitted for identification in North zone States under Irrigated conditions by M/s Shakti Vardhak Hybrid Seeds Pvt Ltd. Though the hybrid recorded (33.34 q/ha) 11.0% yield advantage over zonal check and 19.7% yield advantage over local check hybrids and meets other criteria but the hybrid is highly susceptible to root rot disease of cotton (78.6%) and the disease incidence was 38.6% and 28.6% higher than the zonal and local check, respectively. The fibre quality of the hybrid is UHML: 18.6 mm, Micronaire: 6.7 µg/inch and Tenacity: 19.6 g/tex. Hence, it is **not recommended for identification** in the North zone states of Punjab, Haryana and Rajasthan under Irrigated conditions
3. **JLA 1707 (Pedigree: JLA-794 X RAC-024):** The *G. arboreum* variety proposal was submitted for identification in Central zone under rainfed conditions by Oilseeds Research Station, Jalgaon (MPKV, Rahuri). The variety recorded (13.95 q/ha) 28.9% yield advantage over zonal check and 9.7% yield advantage over local check variety. The variety has UHML of 25.6 mm; Micronaire of 5.2 ug/inch and Tenacity: 27.5 g/tex; pest and disease incidence were comparable with check variety. The committee **recommended the variety for**



identification in Central zone state of Maharashtra, Madhya Pradesh and Gujarat under rainfed conditions.

4. **CNA 1085 (Pedigree: Selection from RM/Recurrent population):** The *G. arboreum* variety proposal was submitted for identification for Central and South zone under rainfed conditions by ICAR-Central Institute for Cotton Research, Nagpur. In Central Zone The variety recorded (13.87 q/ha) 28.1% yield advantage over zonal check and 9.0% yield advantage over local check variety. The variety has UHML of 25.7 mm; Micronaire of 5.1 ug/inch and Tenacity: 28.3 g/tex; pest and disease incidence were comparable with check variety. In South Zone the variety recorded (11.55 q/ha) 13.1% yield advantage over zonal check and 9.6% yield advantage over local check variety. The variety has UHML of 24.8 mm; Micronaire of 5.4 ug/inch and Tenacity: 25.8 g/tex; pest and disease incidence were comparable with check variety. The committee **recommended the variety for identification** in Central zone including state of Maharashtra, Madhya Pradesh and Gujarat; and South zone including state of Telangana, Andhra Pradesh, Karnataka and Tamil Nadu under rainfed conditions.
5. **SIMA B-8 [Pedigree: (Suvin X P4) X Suvin]:** The *G. barbadense* variety proposal was submitted for identification in South zone under irrigated conditions by M/s. SIMA Cotton Development and Research Association, Coimbatore, Tamil Nadu. The variety recorded (786 kg/ha) 18.8% yield advantage over zonal check and -1.9% yield advantage over quality check variety. The fibre quality of the variety is UHML: 36.6 mm, Micronaire: 3.6 µg/inch and Tenacity: 40.9 g/tex. Fibre quality, pest and disease incidence were comparable with check variety. However, it is **not recommended for identification** in South zone state of Tamil Nadu, Karnataka and Andhra Pradesh under irrigated conditions.
6. **CNA 1084 (Pedigree: Selection from RM/Recurrent population):** The *G. arboreum* variety proposal was submitted for identification in South zone under rainfed conditions by ICAR-Central Institute for Cotton Research, Nagpur. The variety recorded (11.82 q/ha) 15.8% yield advantage over zonal check and 12.2% yield advantage over local check variety. The variety has UHML of 24.3 mm; Micronaire of 5.3 ug/inch and Tenacity: 23.0 g/tex; pest and disease incidence were comparable with check variety. Hence, it is **recommended for identification** in South zone state of Telangana, Andhra Pradesh, Karnataka and Tamil Nadu under rainfed conditions.

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**List of Participants of Varietal Identification Committee Meeting for
Identification of Non Bt Varieties & Hybrids**

**Mode of Meeting: - Virtual/Online
Date.8th May, 2026**

SN.	Name of the Participants	
1	Dr. D. K. Yadava, Deputy Director General (Crop Science), ICAR, New Delhi	Chairman
2	Dr. Prasanta Kumar Dash, Assistant Director General (Commercial Crops), ICAR, New Delhi	Member
3	Dr. P. R. Chaudhary, In Charge Assistant Director General (Seeds), ICAR, New Delhi	Member
4	Dr. P. K. Singh, Agricultural Commissioner, (DA&FW), New Delhi	Member
5	Shri Rafiq Naikwadi, Nominee of Director of Agriculture, Govt of Maharashtra	Member
6	Dr. A. Anandan, Director (Acting), ICAR- Indian Institute of Seed Science, Mau	Member
7	Dr. S. K. Shukla, Director, ICAR-CIRCOT, Mumbai	Member
8	Dr. S. S. Mane, Director of Research, Dr PDKV, Akola, Maharashtra	Member
9	Dr. Nidhi Mohan, Representative from National Seeds Corporation, New Delhi	Member
10	Dr Mahender Singh, Lead Cotton Breeding, M/s Kaveri Seed Pvt. Ltd	Member
11	Dr. Deepankar Pandey, Deputy Director (Technical), National Seeds Association of Indian (NSAI), New Delhi	Member
12	Dr. G.T. Behere, Nodal Officer, ICAR-AICRP on Cotton, ICAR-CICR, Nagpur	Member
13	Dr. V. N. Waghmare, Director, ICAR - Central Institute for Cotton Research Nagpur	Member Secretary
14	Dr. S. Manickam, Principal Investigator (Plant Breeding), ICAR-CICR, RS, Coimbatore	Resource Person
15	Dr. K. Sankaranarayanan, Principal Investigator (Agronomy), ICAR-CICR, RS, Coimbatore	Resource Person
16	Dr. Rishi Kumar, Principal Investigator (Entomology), ICAR-CICR, RS, Sirsa	Resource Person
17	Dr. Satish Kumar Sain, Principal Investigator (Pathology), ICAR-CICR, RS, Sirsa	Resource Person
18	Dr. A. S. M Raja, Principal Investigator (Fibre Technology), ICAR-CIRCOT, Mumbai	Resource Person

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