

PROCEEDINGS OF AICCIP ANNUAL GROUP MEETING: 2013-14
BREEDING PANEL
MPUAT, Udaipur

Date: 8th April, 2013

Chairman: Dr. N. Gopalakrishnan, ADG (CC), ICAR, New Delhi

Co-Chairman: Dr PK Chakrabarty, Head, Division of Crop Improvement, CICR, Nagpur

Convener: Dr. S. Manickam, Principal Investigator, AICCIP,

**Rapporteurs: Dr. Pankaj Rathore, PAU, Faridkot &
Sh. S. Sathyakumar, CICR, Coimbatore**

The technical programme of the breeding trials, both national as well as zonal, were formulated for the year 2013-14 on 8th April, 2013 in the breeding panel. The breeders are requested to submit two packets of seeds (in case of varieties) in addition to the number of locations finalized in the panel for submitting to the Director, CICR, Nagpur and to NBPGR for long term storage of elite breeding materials.

Last date for submission of seeds at CICR, Coimbatore: 23-04-2013 before 4 PM

Date of issue of coded seeds: 26-04-2013 after 4 PM

Private R & D – Please pay the testing fee (@ Rs. 60,000 + 7416/- Service Tax per entry at national level) in the form of **Demand Draft drawn from any Nationalized Bank** drawn in favour of **Project Coordinator (Cotton Improvement) & Head** payable at Coimbatore while submitting the seeds. No entry shall be entertained without the submission of testing fee and R & D recognition by DST. The companies which have not updated the R & D recognition shall update and submit a copy at the time of submitting the seed without which the entry shall not be included in the trial.

GENERAL POINTS TO BE NOTED

- The seed sponsored for breeding trials should be acid delinted and without any seed treatment and packed individually as indicated in the concerned trials. Fuzzy seeds and seeds treated with any coloured chemicals will be out rightly rejected during coding.
- **Each packet of seed must be securely packed and have name of the entry, trial name, quantity of seeds etc.**
- The senior scientists of the concerned state are requested to send the local check varieties / hybrids of those trials being conducted in the state / zone (including private R & D trials) without fail. **All the check varieties / hybrids should be packed separately and legibly labeled mentioning the name of the trial. The check seeds should not be mixed with the entry seeds.**
- The trials should be conducted strictly as per the technical programme **and no other entry should be included** in the trial (including the check varieties).
- All the trials should have at least one border row.
- The seeds harvested in both varieties and hybrids are to be sent to the Director for analyzing seed oil content.
- All the data sheets should have Name of the agency conducting trial, location of the trial (and not the location of the company) and the name of the trial.

- All those who are conducting the breeding trials are requested to furnish both the mean data as well as the replicated data analyzed statistically. The mean data is to be submitted as per the model data sheet given below as Excel sheet and not as Word file.

S. No.	Code#	SCY (kg/ha)	LY (kg/ha)	GOT (%)	Boll No	Boll Weight (g)	2.5 % SL	Mic	BS (g/tex)	Oil (%)	Biol. Yield (t/ha)
1	101										
2	102										
N	10n										
	CD@5%										
	CV %										

#Code numbers in ascending order; n=number of coded entries

- The data should be submitted separately in different Excel sheets for each trial, and the data of different trials are not to be combined in a single sheet.
- The incomplete and insufficient data will not be included in report preparation, and shall be reported to the higher officials for non compliance.
- **The lint samples pooled over replications should be prepared for all the entries from the first picked kapas**, cleaned neatly and labeled properly (mentioning the name of the agency conducting the trial, location of the trial, and code number in each packet of the lint sample) and sent to concerned CIRCOT centre (National trials - CIRCOT unit at Nagpur, North Zone Trials – CIRCOT unit at Sirsa; Central Zone trials – CIRCOT Unit at Surat and South Zone – CIRCOT unit at Coimbatore) for fibre quality evaluation in time **(on or before 30-12-2013)**.
- The copy of the covering letter of lint sample submitted to CIRCOT must be communicated to the Principal Investigator (Plant Breeding) and to the Project Coordinator.
- **Kindly note that the last date for the receipt of the compiled data is 15-01-2014 (for north zone locations), 31-01-2014 (for central zone locations) and 15-02-2014 (for south zone locations). Data (both hard copy as well as soft copy) received after the due date will not be included in the report.**
- All are requested to visit the website of CICR / AICCIP at www.cicr.org.in for any information, announcement etc. No communication in any respect will be sent individually.
- **All the breeders are requested to part 40g seed of varieties and 20 g of hybrids for Pathology / entomology observations and no separate packets will be given to pathologists / entomologists.**
- Seeds received in less quantity than the prescribed quantity will not be included in the trial.
- All the breeders of the varieties / hybrids recommended for agronomic trials are requested to submit the required quantity of **seeds directly to the concerned agronomists (and not to Project Coordinator)** and to keep track with the agronomists for getting the data on agronomy trial and to submit the lint samples for micro-spinning to CIRCOT, Mumbai.

- Release Proposals of new varieties / hybrids complete in all respects including agronomy data, microspinning data, endorsement by competent authority and other necessary particulars as per the standard format (copy available at www.cicr.org.in) shall be submitted to the office of the Project Coordinator (Cotton) **as informed in the website**. Incomplete proposals will not be put up by the Project Coordinator to the committee.

NATIONAL TRIALS

Br. 02a - IET- *G. hirsutum* (IRRIGATED)

Design: RBD; Rows: 2 (6 m length); Reps: 3; Seed Qty: 120 g X 19+2

S. No	Name of Entry	Sponsor	Locations	LC (2 pkts)
1.	LH 2255	PAU, Ludhiana	SGNR	RS 810
2.	LH 2307	PAU, Ludhiana	Hisar	H 1236
3.	F 2451	PAU, Faridkot	Faridkot	LH 2108
4.	F 2454	PAU, Faridkot	Bathinda	LH 2108
5.	H 1476	CCSHAU, Hisar	Sirsa (C)	H 1226
6.	HS 292	CCSHAU, Sirsa	Kanpur	Vikas
7.	HS 293	CCSHAU, Sirsa	Khandwa	JK 4
8.	BS 1	OUAT, Bhawanipatna	Surat	G.Cot. 20
9.	BS 51-1	OUAT, Bhawanipatna	Talod	G.Cot. 20
10.	P 5629	IARI, New Delhi	Junagadh	G.Cot. 20
11.	GSHV-164	NAU, Surat	Rahuri	RHC 688
12.	GSHV-169	NAU, Surat	Bhawanipatna	Surabhi
13.	Bihani 301	Bihani Seeds	Raichur	Sahana
14.	BPHI-537	MPUAT, Banswara	B'Gudi	Sahana
15.	GJHV-516	JAU, Junagarh	Lam	L 604
16.	GJHV-511	JAU, Junagarh	Coimbatore	MCU. 13
17.	SCS 1210	UAS, Raichur	Srivilliputhur	SVPR. 2
18.	SCS 1211	UAS, Raichur	Chidambaram	MCU. 13
19.	SCS 1214	UAS, Bheemarayangudi	Arabhavi	Sahana
20.	SCS 1213	UAS, Bheemarayangudi		
21.	L-804	ANGRAU, Lam		
22.	L-1011	ANGRAU, Lam		
23.	TCH 1742	TNAU, Coimbatore		
24.	TCH 1777	TNAU, Coimbatore		
25.	KH-1301	RVSKVV, Khandwa		
26.	CNH 1116	CICR, NGP		
27.	CNH 19	CICR, NGP		
28.	CCH 13-1	CICR, CBE		
29.	CCH 13-2	CICR, CBE		
30.	CSH-2931	CICR, Sirsa		
31.	CSH-3175	CICR, Sirsa		
32.	CPD-1301	UAS, Dharwad		
33.	CPD-1302	UAS, Dharwad		
34.	ARBH-1301	UAS, Arabhavi		
35.	ARBH-1302	UAS, Arabhavi		
36.	TSH 04/115	TNAU, Srivilliputtur		
37.	NDLH 1975	ANGRAU, Nandyal		
38.	NDLH 1976	ANGRAU, Nandyal		
39.	RS 2733	ARS, Sriganaganagar		

40.	RS 2728	ARS, Sriganaganagar		
41.	ZC (H 1300/ CNHO 12/Suraj)			
42.	Quality Check(F 2164/Suraj/Suraj)			
43.	LC			

Br. 02 b - IET- *G. hirsutum* (RAINFED)

Design: RBD; Rows: 2 (6 m length); Reps: 3; Seed Qty: 120 g X 10 + 2

S. No	Name of Entry	Sponsor	Locations	LC
1.	P 5643	IARI, New Delhi	Banswara	Wagad Kalyan
2.	BS 2	OUAT, Bhawanipatna	Bharuch	G.Cot.16
3.	BS 55	OUAT, Bhawanipatna	Indore	VIKRAM
4.	GBHV-181	NAU, Bharuch	Akola	AKH 8828
5.	GBHV-182	NAU, Bharuch	Nanded	NH 545
6.	SCS 1210	UAS, Raichur	Nagpur [C]	AKH 8828
7.	SCS 1211	UAS, Raichur	Dharwad	Sahana
8.	SCS 1214	UAS, Bheemarayangudi	Nandyal	Siva Nandi
9.	SCS 1213	UAS, Bheemarayangudi	Aruppukottai	KC 3
10.	IH 11	RVSKVV, Indore	Perambalur	KC 3
11.	BPHR-617	MPUAT, Banswara		
12.	BPHR-621	MPUAT, Banswara		
13.	NH 662	MAU, Nanded		
14.	CCH 13-3	CICR, CBE		
15.	CCH 13-4	CICR, CBE		
16.	CNH 7008	CICR, NGP		
17.	CNH 2001	CICR, NGP		
18.	CSH 1115	CICR Sirsa		
19.	CSH 95	CICR Sirsa		
20.	CPD-1351	UAS, Dharwad		
21.	CPD-1352	UAS, Dharwad		
22.	ARBH-1351	UAS, Arabhavi		
23.	ARBH-1352	UAS, Arabhavi		
24.	NDLH 1975	ANGRAU, Nandyal		
25.	NDLH 1976	ANGRAU, Nandyal		
26.	H 1236	CCSHAU, Hisar		
27.	AKH 09-05	PDKV, Akola		
28.	ZC (NH 615/ Sahana)			
29.	LC			

Br. 05 a - PHT- Intrahir-Hybrid

Design: RBD; Rows: 2 (6 m length); Reps: 3; Seed Qty: 100 g X 17

S. No	Name of Entry	Sponsor	Locations	Local Check
1.	FHH 231	PAU, Faridkot	SGNR	Maru Vikas
2.	FHH 234	PAU, Faridkot	Faridkot	LHH 144
3.	HHH 494	CCSHAU, Hisar	Bhatinda	LHH 144
4.	CSHG-1729	CICR, Sirsa	Hisar	HHH 223
5.	CSHH-2012	CICR, Sirsa	Kanpur	CSHH 243
6.	RHH-1007	MPKV, Rahuri	Banswara	H 8
7.	RHH-1014	MPKV, Rahuri	Surat	G.Cot.Hy.12
8.	RHH-1015	MPKV, Rahuri	Talod	G.Cot.Hy.12
9.	GSGHH-412	NAU, Surat	Rahuri	RHH 492
10.	GSHH-2599	NAU, Surat	Bhawanipatna	Bunny
11.	GTHH-208	SDAU, Talod	Raichur	DHH 11
12.	SHH 818	UAS, Raichur	Lam	LAHH 5
13.	SHH 808	UAS, Raichur	Coimbatore	Mallika
14.	BGDHH 821	UAS, Bheemarayangudi	Srivilliputhur	Mallika
15.	BGDHH 807	UAS, Bheemarayangudi	B' Gudi	DHH 11
16.	TCHH 160161	TNAU,Coimbatore	Jalna (Mahyco)	NHH 44
17.	DHH-1301	UAS, Dharwad	Nagpur (Ankur)	NHH 44
18.	DHH-1302	UAS, Dharwad		
19.	ARBHH-1301	UAS, Arabhavi		
20.	ARBHH-1302	UAS, Arabhavi		
21.	RAJHH 164	ARS, SGNR		
22.	MRC 7388	Mahyco Seeds		
23.	ARCH 3244	Ankur Seeds		
24.	ZC (CSHH 198/ Ankur 651/ Bunny)			
25.	LC			

Br. 05 b PHT- Intrahir-Hybrid

Design: RBD, Rows: 2 (6 m length); Reps: 3; Seed qty: 100 g X 9

S. No	Name of Entry	Sponsor	Locations	Local Check
1.	GSHH-2595	NAU, Surat	Indore	JK Hy 3
2.	SHH 818	UAS, Raichur	Nanded	NHH 44
3.	SHH 808	UAS, Raichur	Akola	PKV Hy 2
4.	BGDHH 821	UAS, Bheemarayangudi	Hansot	G.Cot.Hy.12
5.	BGDHH 807	UAS, Bheemarayangudi	Dhrawad	DHH 11
6.	NHH 715	MAU, Nanded	Nandyal	LAHH 5
7.	CAHH – 269	Akola	Aruppukottai	Mallika
8.	DHH-1351	UAS, Dharwad	Kovilpatti	Mallika
9.	DHH-1352	UAS, Dharwad	Jalna (Mahyco)	NHH 44
10.	ARBHH-1351	UAS, Arabhavi		
11.	ARBHH-1352	UAS, Arabhavi		
12.	ZC (Ankur 651/ Bunny)			
13.	LC			

Br. 06 a – IET of Compact genotypes under irrigated condition

Design: R.B.D. Reps: 3 Rows: 5 Row Length: 6.0 m

Spacing: 60.0 cm X 15.0 cm (CZ&SZ); 67.5 X 10 cm (NZ)

Seed quantity: 500 g X 9

(One Local check will not be coded and has to be included with recommended spacing)

S. No.	Genotype	Sponsor	Location	Local Check
1.	BPCH-1101	MPUAT, Banswara	Faridkot	LH 2108
2.	F 2617	PAU, Faridkot	Hisar	H 1098-I
3.	G. Cot. 100	NAU, Surat	SGN	RS 875
4.	GSH-4	NAU, Surat	Talod	G.Cot.10
5.	H 1465	CCSHAU, Hisar	Bhawanipatna	Surabhi
6.	SCS 1206	UAS, Raichur	Rahuri	Phule 688
7.	DSC-1301	UAS, Dharwad	Coimbatore	Suraj
8.	DSC-1302	UAS, Dharwad	Raichur	RAH 100
9.	ARBC-1301	UAS, Arabhavi	Lam	L 604
10.	ARBC-1302	UAS, Arabhavi		
11.	CNH 121	CICR, Nagpur		
12.	CNH 3	CICR, Nagpur		
13.	CSH-3178	CICR, Sirsa		
14.	RS 2734	SGN		
15.	RS 2727	SGN		
16.	LC (Coded at closer spacing)			
17.	LC at recommended spacing (Not Coded)			

Data to be recorded in the randomly selected plants in the middle three row plot

1. Seed cotton yield (kg/ha) at 130 DAS
2. Seed cotton yield (kg/ha) at 160 DAS
3. Total Seed cotton yield (kg/ha) at 160 DAS (1+2 above)
4. No. of bolls/m²
5. Plant height (cm)
6. Days to 1st boll bursting
7. No. of monopodia / plant
8. No. of sympodia / plant
9. Sympodial length (cm)
10. Boll weight (g/boll)
11. Lint index (g)
12. Seed index (g)
13. Ginning outturn (%)
14. Fibre quality from pooled samples across the replication on 2.5% span length (mm), Micronaire and Bundle strength
15. Pest and disease incidence by entomologists / pathologists before spraying

Br. 06 b – Initial Evaluation of Compact genotypes under rainfed condition

Design: R.B.D. Reps: 3 Rows: 5 Row Length: 6.0 m

Spacing: 60.0 cm X 15.0 cm

Seed quantity: 500 g X 7

(One Local check will not be coded and has to be included with recommended spacing)

S. No.	Genotype	Sponsor	Location	Local Check
1.	DSC-1351	UAS, Dharwad	Akola	AKH 8828
2.	DSC-1352	UAS, Dharwad	Nanded	NH 615
3.	ARBC-1351	UAS, Arabhavi	Indore	JK 4
4.	ARBC-1352	UAS, Arabhavi	Surat	G.Cot.20
5.	NH 635	MAU, Nanded	Aruppukottai	KC 3
6.	CNH 123	CICR, NGP	Nandyal	Siva Nandi
7.	CNH 1111	CICR, NGP	Dharwad	Sahana
8.	CCH 7012	CICR, CBE		
9.	CCH 1102	CICR, CBE		
10.	SCS 1206	UAS, Raichur		
11.	GSHV 01/1338	NAU, Surat		
12.	LC (Coded at closer spacing)			
13.	LC at recommended spacing (Not Coded)			

Data to be recorded in the randomly selected plants in the middle three row plot

1. Seed cotton yield (kg/ha) at 130 DAS
2. Seed cotton yield (kg/ha) at 160 DAS
3. Total Seed cotton yield (kg/ha) at 160 DAS (1+2 above)
4. No. of bolls/m²
5. Plant height (cm)
6. Days to 1st boll bursting
7. No. of monopodia / plant
8. No. of sympodia / plant
9. Sympodial length (cm)
10. Boll weight (g/boll)
11. Lint index (g)
12. Seed index (g)
13. Ginning outturn (%)
14. Fibre quality from pooled samples across the replication on 2.5% span length (mm), Micronaire and Bundle strength
15. Pest and disease incidence by entomologists / pathologists before spraying

Br 12 a. IET OF *G. barbadense*

Design: RBD; Row: 2 (6 m length); Reps: 4; Seed qty: 75 g X 6+2

S. No	Name of Entry	Sponsor	Locations
1.	GSB-44	NAU, Surat	Surat
2.	DB-1301	UAS, Dharwad	Rahuri
3.	DB-1302	UAS, Dharwad	Coimbatore
4.	ARBB-1301	UAS, Arabhavi	Dharwad
5.	ARBB-1302	UAS, Arabhavi	Lam
6.	Suvin (CC)		Raichur

Br. 15 a - PHT- Interspecific -Hybrid (hir x barb)

Design: RBD; Rows: 2 (6 m length); Reps: 3; Seed Qty: 150 g X 8

S. No	Name of Entry	Sponsor	Locations	LC
1.	RHB-1005	MPKV, Rahuri	Anand	G.Cot.Hy.102
2.	RHB-1014	MPKV, Rahuri	Rahuri	Phule 388
3.	RHB-0922	MPKV, Rahuri	Banswara	DCH 32
4.	GSHB-989	NAU, Surat	Lam	DHB 915
5.	DHB-1301	UAS, Dharwad	Dharwad	DHB 915
6.	DHB-1302	UAS, Dharwad	Coimbatore	TCHB 213
7.	ARBHB-1301	UAS, Arabhavi	Srivilliputhur	TCHB 213
8.	ARBHB-1302	UAS, Arabhavi	Raichur	DHB 915
9.	BPHB-1207	MPUAT, Banswara		
10.	TCHB 13526	TNAU,Coimbatore		
11.	DCH 32 (CC)			
12.	LC			

Br. 22 a/b IET-G. arboreum

Design: RBD; Rows: 2 (6 m length); Reps: 3; Seed Qty: 120 g X 17 + 2

S. No	Entry	Sponsored by	Locations	LC
1.	FDK 235	PAU, Faridkot	SGNR	RG 8
2.	FDK 237	PAU, Faridkot	Faridkot	LD 694
3.	HD 503	CCSHAU, Hisar	Kanpur	RG 8
4.	RG 760	SGNR	Bathinda	LD 694
5.	RG 763	SGNR	Hisar	HD 432
6.	PA 734	MAU, Parbhani	Sirsa (C)	CISA 310
7.	PA 740	MAU, Parbhani	Khandwa	JK 5
8.	JLA-0603	MPKV, Jalgaon	Amreli	G.Cot.19
9.	JLA-0611	MPKV, Jalgaon	Banswara	Turab
10.	KWA-1301	RVSKVV, Khandwa	Akola	AKA. 8
11.	GAM-191	JAU, Amreli	Parbhani	PA 402
12.	GAM-198	JAU, Amreli	Jalgaon	JLA 794
13.	GAM-203	JAU, Amreli	Nagpur (C)	AKA. 8
14.	AKA-2011-8	PDKV, Akola	Dharwad	AK 235
15.	CNA 375	CICR, NGP	Raichur	AK 235
16.	CNA 1013	CICR, NGP	Nandyal	Sri Nandi
17.	CCA 1021	CICR, CBE	Kovilpatti	K. 11
18.	CCA 3	CICR, CBE		
19.	CISA-158-1	CICR, Sirsa		
20.	CISA-5	CICR, Sirsa		
21.	LD 1019	PAU, Bhatinda		
22.	LD 1026	PAU, Bhatinda		
23.	NDLA 3047	ANGRAU, Nandyal		
24.	NDLA 3020	ANGRAU, Nandyal		
25.	RAAS 751	UAS, Raichur		
26.	RAAS 752	UAS, Raichur		
27.	BGDAS 753	UAS, Bheemarayangudi		
28.	BGDAS 754	UAS, Bheemarayangudi		
29.	DAS-1301	UAS, Dharwad		
30.	DAS-1302	UAS, Dharwad		
31.	ARBAS-1301	UAS, Arabhavi		
32.	ARBAS-1302	UAS, Arabhavi		
33.	ANGAS-1301	UAS, Annigeri		
34.	ANGAS-1302	UAS, Annigeri		
35.	SV 385	Shakti Vardhak		
36.	ZC (FDK 124/AKA 7/DLSa 17)			
37.	LC			

Br. 25 a/b PHT - Desi Hybrid

Design: RBD; Rows: 2 (6 m length); Reps: 3; Seed Qty: 100 g X 13

S. No	Name of Entry	Sponsor	Locations	LC
1.	AAH 35	CCSHAU, Hisar	SGNR	RAJ DH. 9
2.	FMDH 29	PAU, Faridkot	Faridkot	PAU 626 H
3.	FMDH 36	PAU, Faridkot	Bhatinda	PAU 626 H
4.	RAJDH 623	SGNR	Hisar	AAH 1
5.	AKDH – 98	Akola	Kanpur (I)	RAJ DH. 9
6.	CISAA-27	CICR, Sirsa	Surat	G.Cot.MDH-11
7.	RHAH-1040	MPKV, Rahuri	Amreli	G.Cot.MDH-11
8.	GSGDH- 223	NAU, Surat	Bharuch	G.Cot.MDH-11
9.	NACH 433	Nirmal Seeds	Pachora (Nirmal Seeds)	PDKVDH.1
10.	Mohini	Shakti Vardhak	Rahuri (I)	G.cot MDH 11
11.	LC		Akola	PDKVDH.1
12.	ZC		Parbhani	PDKVDH.1
			Nagpur (C)	PDKVDH.1

Br. 32b IET of *G. herbaceum*

Design: RBD; Rows: 2 (6 m length); Reps: 3; Seed Qty: 120 g X 5 + 2

S.No	Name of Entry	Sponsor	Locations	LC
1.	GShv-451/08	NAU, Surat	Surat	GN.Cot.25
2.	GShv -274/09	NAU, Surat	Bharuch	GN.Cot.25
3.	GShv -283/09	NAU, Surat	Banswara	Pratap Kapi 1
4.	GShv -492/10	NAU, Surat	Dharwad	Jayadhar
5.	GBhv-292	NAU, Bharuch	Raichur	RAHS 14
6.	GBhv-294	NAU, Bharuch		
7.	GBhv-295	NAU, Bharuch		
8.	RAHS 801	UAS, Raichur		
9.	RAHS 802	UAS, Raichur		
10.	RAHS 803	UAS, Bheemarayangudi		
11.	RAHS 804	UAS, Bheemarayangudi		
12.	DHS-1301	UAS, Dharwad		
13.	DHS-1302	UAS, Dharwad		
14.	ANGHS-1301	UAS, Annigeri		
15.	ANGHS-1302	UAS, Annigeri		
16.	ZC (G Cot 23/DDhc 11)			
17.	LC			

NORTH ZONE TRIAL

Br-03 a

Design: RBD; Reps: 3; Rows: 4 (6 m length); Seed qty: 200 g X 6

Entries promoted	Entries retained	Location	Local Check
Su-Flum	F 2296	Sriganganagar	RS-810
LH 2232	CSH 3088	Kanpur	Vikas
LH 2306	PUSA 5760	Faridkot	LH 2108
RS 2711	CA 105	Bathinda	LH 2108
RS2699	ZC (H 1300)	Hisar	H 1236
P 131	HS 286	Sirsa – HAU	H 1117
Quality Check (F 2164)	LH 2220		
	LC		

Br-04 a

Design: RBD; Reps: 4; Rows: 8 (6 m length); Seed qty: 400 g X 6

Entries promoted	Entries retained	Location	Local Check
LH 2256	F 2276	Sriganganagar	RS-810
	F 2337	Kanpur	Vikas
		Faridkot	LH 2108
Quality Check (F 2164)		Bathinda	LH 2108
ZC (H 1300)		Hisar	H 1236
LC		Sirsa – CICR	H 1117

Br-05a

Design: RBD; Reps: 4; Rows: 4 (6 m length); Seed qty: 200 g X 5

Entries promoted	Entries retained	Location	Local Check
FHH 209	RAJHH844	Sriganganagar	Maru vikas
HSHH 31	LHH 1411	Kanpur	LHH 144
		Bathinda	LHH 144
	ZC (CSHH198)	Faridkot	LHH 144
	Local Check	Hisar	HHH 287

Br-06a

Design: RBD; Reps: 4; Rows: 8 (6 m length); Seed qty: 500 g X 4

Spacing: 67.5 X 10 cm (NZ)

Entries promoted	Entries retained	Location	Local Check
CSH 3075		Sriganganagar	RS 875
RS 2718		Faridkot	LH 2108
F 2381		Hisar	H 1098-I
F 2383	Local Check (Coded & Closer spacing)	Bhatinda	LH 2108
LH 2298	Local Check (Recommended spacing)		

(Data to be recorded – same as per National Trial)

Br-24 a

Design: 4; Reps: 5; Rows: 4 (6 m length); Seed qty: 200 g X 5

Entries promoted	Entries retained	Location	Local Check
	LD 949	Kanpur	CAD 4
	FDK 230	Sriganganagar	RG 8
		Hisar	HD-432
	ZC (FDK 124)	Faridkot	LD 694
	LC	Bhatinda	LD 694

Br-25 a

Design: RBD; Reps: 4; Rows: 4 (6 m length); Seed qty: 150 g X 5

Entries promoted	Entries Retained	Location	Local Check
	FMDH 23	Sriganganagar	RAJDH 9
	FMDH 22	Hisar	AAH 1
	FMDH 15	Faridkot	PAU 626 H
	ZC (CISAA2)	Sirsa (CICR)	AAH 1
	LC	Bathinda	PAU 626 H

CENTRAL ZONE TRIAL**Br-03 a**

Design: RBD; Reps: 3; Rows: 4 (6 m length); Seed qty: 200 g X 5

Entries promoted	Entries Retained	Location	Local Check
P 5430		Surat	G. Cot 20
GJHV 514		Talod	G. Cot 20
BGDS 1063		Junagadh	G. Cot 20
GISV 267		Rahuri	RHC 688
SCS 1062		Bhawanipatna	Surabhi
CCH 12-2			
ZC (CNHO 12)			
LC			
Quality Check (Suraj)			

Br-04 a

Design: RBD; Reps: 4; Rows: 8 (6 m length); Seed qty: 400 g X 4

Entries promoted	Entries Retained	Location	Local Check
GISV-272		Surat	G. Cot 20
BS 39		Junagadh	G. Cot 20
CCH 11-2		Rahuri	RHC 688
GSHV-162		Bhawanipatna	Surabhi
ZC (CNHO 12)			
LC			
Quality Check (Suraj)			

Br-05a

Design: RBD; Reps: 3; Rows: 4 (6 m length); Seed qty: 150 g X 8

Entries promoted	Entries retained	Location	Local Check
RHH – 0917	RHH 0707	Surat	H 12
RHH – 0924	BHH24	Talod	H 12
SHH 801	GTHH 193	Rahuri	Phule 492
GSHH 2646	GTHH 194	Banswara	H 8
DHH 1201		Bhawanipatna	Bunny
ARCHH 9191	ZC (Ankur 651)	Khandwa	JK Hy 1
MRC 7091	LC	Nagpur (Ankur)	NHH 44
NCS 3445		Jalna (Mahyco)	NHH 44

Br-06a

Design: RBD; Reps: 4; Rows: 8 (6 m length); Seed qty: 500 g X 4

Spacing: 60. X 15 cm (CZ)

Entries promoted	Entries retained	Location	Local Check
ARBC 19		Talod	G.Cot.20
LH 2298		Bhawanipatna	Surabhi
TCH 1705		Rahuri	Phule 688
CCH 12-6	Local Check (Coded & Closer spacing)	Banswara	Vagadkalyan
GTHV 04/13	Local Check (Recommended spacing)		

(Data to be recorded – same as per National Trial)**Br – 13 a PVT *G. barbadense***

Design: RBD; Reps: 4; Rows: 4 (6 m length); Seed qty: 150 g X 3

Entries promoted	Entries retained	Location
GSB 43		Surat
ARBD 27		Rahuri
DB 40		Indore
DB 39		
CCB 30		
ZC (Suvin)		

Br. 14 a – CVT *G. barbadense*

Design: RBD; Reps: 4; Rows: 8 (6 m length); Seed qty: 300 g X 3

Entries promoted	Entries retained	Location
DB 16	GSB 41	Surat
GSB 21		Rahuri
RAB 8		Indore
ARBB 20		
ZC (Suvin)		

Br-15 a

Design: RBD; Reps: 3; Rows: 4 (6 m length); Seed qty: 150 g X 4

Entries promoted	Entries retained	Location	Local Check
ARBHB 701	RHB-0713	Banswara	G COT HB 102
ARBHB 702	ARBHB-1011	Anand	G COT HB 102
RHB- 0812	ARBHB-1053	Indore	DCH 32
RHB- 0708	RHB-0711	Rahuri	Phule 388
CCHB 123			
ZC (DCH 32)			
LC			

Br-03 b

Design: RBD; Reps: 3; Rows: 4 (6 m length); Seed qty: 200 g X 5

Entries promoted	Entries retained	Location	Local Check
ADB 542	GBHV 177	Bharuch	G Cot 16
BGDS 1063		Akola	AKH 8828
RAH 1065		Indore	KH 2
SCS 1062		Nanded	PH 348
GBHV 180	ZC (NH 615)	Banswara	Wagad Kalyan
CCH 12-3	LC		

Br-04 b

Design: RBD; Reps: 4; Rows: 8 (6 m length); Seed qty: 400 g X 5

Entries promoted	Entries retained	Location	Local Check
GBHV 170	P 2151	Bharuch	G Cot 16
PH 1075	SCS 793	Akola	AKH 8828
		Indore	KH 2
	ZC (NH 615)	Nanded	PH 348
	Local Check	Banswara	Wagad Kalyan

Br-05 b

Design: RBD; Reps: 3; Rows: 4 (6 m length); Seed qty: 150 g X 5

Entries promoted	Entries retained	Location	Local Check
DHH 1251	GSHH 2646	Nanded	NHH 44
SHH 802		Akola	PKV Hy 2
GSHH 2639		Indore	JK HY 2
DHH 1252	ZC (Ankur 651)	Bharuch	G. Cot. Hy. 12
NCS 3445	LC	Kanhari Sarap (Basant)	PKV Hy 2

Br-06b

Design: RBD; Reps: 3; Rows: 8 (6 m length); Seed qty: 500 g X 4
Spacing: 60. X 15 cm (CZ)

Entries promoted	Entries retained	Location	Local Check
ARBC 64		Akola	AKH 8828
ADB 39		Nanded	NH 615
CNH 281		Nagpur (CICR)	PKV 081
ARBC 66	Local Check (Coded & Closer spacing)	Surat	G.Cot.20
DSC 54	Local Check (Recommended spacing)		

(Data to be recorded – same as per National Trial)

Br-24 b

Design: RBD; Reps: 3; Rows: 4 (6 m length); Seed qty: 200 g X 5

Entries promoted	Entries retained	Location	Local Check
JLA-0614		Amreli	G Cot 19
AKA-2010-4		Akola	AKA 8
AKA-2010-6		Jalgaon	JLA 794
NDLA 2985		Parbhani	PA 402
CNA 1016	ZC (AKA 7)	Junagarh	G Cot 19
PA-760	LC		

Br-25 b

Design: RBD; Reps: 4; Rows: 4 (6 m length); Seed qty: 150 g X 6

Entries promoted	Entries retained	Location	Local Check
FMDH 40		Amreli	G Cot MDH 11
FMDH 25		Khandwa	JK 5
AKDH-96		Akola	PKV Suvarna
RAJDH 444		Jalgaon	JLA 794
	PKV DH 1 (ZC)	Parbhani	PKV Suvarna
	LC	Junagarh	G Cot MDH 11

SOUTH ZONE TRIAL

Br-03 a

Design: RBD; Reps: 4; Rows: 4 (6 m length); Seed qty: 200 g X 6

Entries promoted	Entries retained	Location	Local Check
BGDS 1063	LH 2220	Arabhavi	Sahana
GISV 267	SCS 1001	Lam	L 604
SCS 1062		Coimbatore	MCU 13
RAH 1065		Srivilliputhur	SVPR 2
CCH 12-2	ZC (Suraj)	Raichur	Sahana
TSH 0499	LC	Chidambaram	MCU 13

Br-04a

Design: RBD; Reps: 4; Rows: 8 (6 m length); Seed qty: 400 g X 5

Entries promoted	Entries retained	Location	Local Check
GISV-272	GSHV 159	Arabhavi	Sahana
	GJHV 500	Lam	L 604
		Coimbatore	MCU 13
	ZC (Suraj)	Srivilliputhur	SVPR 2
	LC	Raichur	Sahana

Br-05a

Design: RBD; Reps: 3; Rows: 3 (6 m length); Seed qty: 150 g X 7

Entries promoted	Entries retained	Location	Local Check
MRC 7081	TSHH0629	Raichur	DHH 11
RAJHH 113	PHCH 270	Lam	LAHH 5
FHH 209	Ankur 3228	B' Gudi	DHH 11
DHH 1202	Sanjivani-021	Srivilliputhur	Mallika
PCH 2491	RHH 0707	Coimbatore	Mallika
	ZC (Bunny)	Ranebennur (Mahyco)	DHH 11
	LC	Warangal (Ankur)	LAHH 5

Br-06a

Design: RBD; Reps: 3; Rows: 8 (6 m length); Seed qty: 500 g X 4

Spacing: 60. X 15 cm (SZ)

Entries promoted	Entries retained	Location	Local Check
LH 2298		Coimbatore	Suraj
TCH 1705		Arabhavi	RAH 100
GSHV 167		Lam	L 604
ARBC 19	Local Check (Coded & Closer spacing)	Raichur	RAH 100
CCH 12-6	Local Check (Recommended spacing)		

(Data to be recorded – same as per National Trial)

Br – 13 a PVT *G. barbadense*

Design: RBD; Reps: 3; Rows: 4 (6 m length); Seed qty: 150 g X 4

Entries promoted	Entries retained	Location
GSB 43	CCB 11	Coimbatore (TNAU)
ARBD 27		Dharwad
DB 39		Lam
DB 40		Raichur
CCB 30		
ZC (Suvin)		

Br. 14 a – CVT *G. barbadense*

Design: RBD; Reps: 3; Rows: 8 (6 m length); Seed qty: 300 g X 4

Entries promoted	Entries retained	Location
GSB 21	DB 11	Coimbatore (TNAU)
DB 16	RHCb 011	Dharwad
TCB 37		Lam
GSB 40		Raichur
ZC (Suvin)		

Br-15 a

Design: RBD; Reps: 3; Rows: 4 (6 m length); Seed qty: 150 g X 4

Entries promoted	Entries retained	Location	LC
RHB- 0812	RHB-0707	Dharwad	DHB 915
RHB- 0708	RHB-0713	Raichur	DHB 915
ARBHB 702		Coimbatore	TCHB 213
GSHB 999		Lam	DHB 915
ARBHB 701	ZC (DCH 32)		
DHB 1202			

Br-03b

Design: RBD; Reps: 3; Rows: 4 (6 m length); Seed qty: 200 g X 4

Entries promoted	Entries retained	Location	Local Check
GBHV 180	P 2151	Dharwad	Sahana
NDLH 1943	BGDS 802	Nandyal	Sivanandi
SCS 1062	ZC (Sahana)	Aruppukottai	KC 3
BGDS 1063	LC	Perambalur	KC 3
ADB 542			
CSH 1110			

Br-05b

Design: RBD; Reps: 3; Rows: 4 (6 m length); Seed qty: 200 g X 5

Entries promoted	Entries retained	Location	Local Check
RAHH 806	RAHH 455	Dharwad	DHH 11
GSHH 2639	RAHH 1001	Nandyal	LAHH 5
PCH 2491		Aruppukottai	Mallika
BGDHH 803		Perambalur	Mallika
ARBHH 751		Ranebennur (Mahyco)	DHH 11
PCH 4370	ZC (Bunny)		

Br-06b

Design: RBD; Reps: 3; Rows: 8 (6 m length); Seed qty: 500 g X 3

Spacing: 60. X 15 cm (SZ)

Entries promoted	Entries retained	Location	Local Check
ARBC 64		Aruppukottai	KC 3
AKH 2006-2		Nandyal	Siva Nandi
NH 630		Dharwad	Sahana
CNH 281	Local Check (Coded & Closer spacing)		
CNH 1109	Local Check (Recommended spacing)		

(Data to be recorded – same as per National Trial)

Br-24 b

Design: RBD; Reps: 3; Rows: 4 (6 m length); Seed qty: 200 g X 3

Entries promoted	Entries retained	Location	Local Check
CNA 1016	DAS 385	Dharwad	AKA 235
GAM 141		Nandyal	Yaganti
NDLA 2985		Kovilpatti	K 11
AKA-2010-4	ZC (DLSa 17)		
RBAV 22	LC		
DAS 1201			

ENTRIES PROPOSED FOR AGRONOMY TRIAL

Zone	Species	Variety / Hybrid	Irrigated / Rainfed	Entries
North Zone	<i>G. hirsutum</i>	Variety	Irrigated	F 2228, MR 786, LH 2152, MR 68, HS 288
		Hybrid	Irrigated	FHH 200, LHH 1403
	<i>G. arboreum</i>	Variety	Irrigated	LD 949
Central Zone	<i>G. hirsutum</i>	Variety	Irrigated	GSHV 159, RHC 0717
		Hybrid	Irrigated	GSHH 2729, RHH 0622
	<i>G. barbadense</i>	Variety	Irrigated	DB 12, GSB 40, RHCb 011
	<i>G. hirsutum</i>	Variety	Rainfed	NH 635, BS 30, PH 1060
		Hybrid	Rainfed	NHH 250, NHH 324, GSHH 2729
	<i>G. arboreum</i>	Variety	Rainfed	GAM 162, JLA 505
		Hybrid	Rainfed	Swadeshi 651, FMDH 23, NACH 18
South Zone	<i>G. hirsutum</i>	Variety	Irrigated	MR 786, SCS 793, TSH 0250, BS 37
		Hybrid	Irrigated	MRC 7377, ARBH 1051
	<i>G. barbadense</i>	Variety	Irrigated	GSB 41, RAB 8, GSB 40
	<i>Hir x Barb</i>	Hybrid	Irrigated	MCHB 7945, DHB 1071
	<i>G. hirsutum</i>	Hybrid	Rainfed	MRC 7385, GSHH 2729, DHH 1062, BHH 16
	<i>G. arboreum</i>	Variety	Rainfed	AKA 2005-3
		Hybrid	Rainfed	NACH 18, MRDC 235, AAH 32

All the breeders of the above varieties / hybrids are requested to submit 1.0 kg (variety)/0.5 kg (hybrid) of **seeds directly to the concerned agronomists (and not to Project Coordinator)** and to keep track with the agronomists for getting the data on agronomy trial and to submit the lint samples to CIRCOT from concerned location. The agronomists are requested to submit **6 kg of lint samples for full scale spinning directly to Director, CIRCOT, Mumbai**. Further, agronomists are requested to send the agronomic trials data to the concerned breeder in addition to the Principal Investigator (Agronomy) in time to facilitate the breeder to submit the release proposals before due date.