

PROCEEDINGS OF AICCIP ANNUAL GROUP MEETING: 2012-13
BREEDING PANEL
ANGRAU, Hyderabad

Date: 9th April, 2012

Chairmen: Dr. S. A. Patil, Former Director, IARI, New Delhi

Dr PK Chakrabarty, Head, Division of Crop Improvement, CICR, Nagpur

Co-Chairman: Dr. S. Manickam, Principal Investigator, AICCIP,

Rapporteurs: Dr. Pankaj Rathore, PAU, Faridkot & Dr. S. Laxman, ANGRAU, Mudhol

The technical programme of the breeding trials, both national as well as zonal, were formulated for the year 2012-13 on 9-10 April, 2012 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 as per the directives of NBPGR for long term storage of elite breeding materials.

Last date for submission of seeds at CICR, Coimbatore: 24-04-2012 before 4 PM

Date of issue of coded seeds: 27-04-2012 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.

In the panel, detailed discussion was held for promoting the entries from national trials to the zonal trials. So far, the entries are promoted on the basis of zonal mean to the corresponding zone. It is proposed to promote entries on the basis of Agro-ecological Sub-zone, henceforth. The draft proposal will be circulated among the breeders and based on the consensus the proposal will be submitted to council for further directives.

The Principal Investigator proposed that some index should be arrived at for promoting the entries from national to zonal trials, considering seed cotton yield, lint yield, 2.5% span length and bundle strength. Detailed discussion was held in this regard. The draft proposal will be circulated among the breeders and based on the consensus the proposal will be submitted to council for further directives.

Further, it has been decided based on consensus to recommend entries based on one year data on national trial and 2 years data on zonal trial.

GENERAL POINTS TO BE NOTED

- ❖ It was observed that while formulating some of the trials, seeds of local check hybrids were not available and hence they were not included. The chairman insisted that the senior scientist of the respective state should ensure the production of the check hybrids / varieties and supply the seeds at the time of coding.
- ❖ 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 30-12-2012**).
- ❖ 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 30-01-2013 (for north zone locations), 15-02-2013 (for central zone locations) and 28-02-2013 (for south zone locations). Data (both hard copy as well as soft copy) received after the due data 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.

DRAFT

NATIONAL TRIALS

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

Design: RBD; Rows: 2 (6 m length); Reps: 3; Seed Qty: 120 g X 23+2

S. No	Name of Entry	Sponsor	Locations	LC (2 pkts)
1.	LH 2232	Ludhiana	SGNR	RS 810
2.	LH 2306	Ludhiana	Hisar	H 1236
3.	F 2397	Faridkot	Bawal	H 1117
4.	F 2427	Faridkot	Faridkot	LH 2076
5.	H 1464	HAU, Hisar	Ludhiana	LH 2076
6.	HS 290	HAU, Sirsa	Bathinda	LH 2076
7.	HS 291	HAU, Sirsa	Sirsa (C)	H 1226
8.	RS2699	SGNR	Kanpur	Vikas
9.	RS 2711	SGNR	Khandwa	JK 4
10.	KH-1201	Khandwa	Surat	G.Cot. 20
11.	GSHV 157	NAU, Surat	Talod	G.Cot. 20
12.	GISV 267	NAU, Surat	Junagadh	G. Cot. 20
13.	GTHV 10/16	SDAU, Talod	Rahuri	RHC 688
14.	GTHV 10/27	SDAU, Talod	Bhawanipatna	Surabhi
15.	GJHV 445	JAU, JUNAGARH	Siruguppa	Sahana
16.	GJHV 514	JAU, JUNAGARH	Raichur	Sahana
17.	SCS 1061	UAS, Siruguppa	B'Gudi	Sahana
18.	SCS 1062	UAS, Siruguppa	Lam	L 604
19.	RAH 1065	UAS, Raichur	Adilabad	Siva Nandi
20.	RAH 1066	UAS, Raichur	Coimbatore	MCU. 13
21.	BGDS 1063	UAS, BGDS	Srivilliputhur	SVPR. 2
22.	BGDS 1064	UAS, BGDS	Chidambaram	MCU. 13
23.	TCH 1739	TNAU,Coimbatore	Arabhavi	Sahana
24.	TCH 1742	TNAU,Coimbatore		
25.	CCH 12-1	CICR, CBE		
26.	CCH 12-2	CICR, CBE		
27.	CNH 110	CICR, NGP		
28.	CNH 16	CICR, NGP		
29.	CSH-3114	CICR, SRS		
30.	CSH-2932	CICR, SRS		
31.	Shakti 82	Shakti Agrotech		
32.	CPD 1201	UAS,DWD		
33.	CPD 1202	UAS,DWD		
34.	ARBH 701	UAS,ARBAVI		
35.	ARBH 702	UAS, ARBAVI		
36.	TSH 0499	TNAU SVPR		
37.	L 1800	Lam		
38.	L 1801	Lam		
39.	Su-Flum	Shaktivardhak Hyb. Seeds		
40.	AR 8108	Shaktivardhak Hyb. Seeds		
41.	P 5430	IARI		
42.	P 131	IARI		
43.	F 1861 (CLCuV Check)			
44.	ZC (RS 2013/ CNHO 12/Suraj)			
45.	LC			

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

Design: RBD; Rows: 2 (6 m length); Reps: 3; Seed Qty: 120 g X 12 + 2

S. No	Name of Entry	Sponsor	Locations	LC
1.	H 1469	HAU, Hisar	Banswara	Wagad Kalyan
2.	PH-1084	Nanded	Bharuch	G.Cot. 16
3.	NH-656	Nanded	Khandwa	JK 4
4.	GBHV 180	NAU, Bharuch	Indore	VIKRAM
5.	SCS 1061	UAS, Siruguppa	Akola	AKH 8828
6.	SCS 1062	UAS, Siruguppa	Nanded	NH 615
7.	RAH 1065	UAS, Raichur	Nagpur [C]	AKH 8828
8.	RAH 1066	UAS, Raichur	Dharwad	Sahana
9.	BGDS 1063	UAS, BGDS	Nandyal	Siva Nandi
10.	BGDS 1064	UAS, BGDS	Adilabad	Siva Nandi
11.	AKH-10-1	Akola	Aruppukottai	KC 3
12.	AKH-10-6	Akola	Perambalur	KC 3
13.	CCH 12-3	CICR, CBE		
14.	CCH 12-4	CICR, CBE		
15.	IH-71	Indore		
16.	CNH 15	CICR, NGP		
17.	CNH 315	CICR, NGP		
18.	CSH 1110	CICR Sirsa		
19.	CSH 123	CICR Sirsa		
20.	ADB 542	Adilabad		
21.	ADB 548	Adilabad		
22.	CPD 1251	UAS,DWD		
23.	CPD 1252	UAS,DWD		
24.	ARBH 751	UAS, ARB		
25.	ARBH 752	UAS, ARB		
26.	TSH 0430	TNAU, SVPR		
27.	L 1800	Lam		
28.	NDLH 1906	Nandyal		
29.	NDLH 1943	Nandyal		
30.	ZC (NH 615/ Sahana)			
31.	LC			

Br. 05 a - PHT- Intrahir-Hybrid

Design: RBD; Rows: 2 (6 m length); Reps: 3; Seed Qty: 100 g X 20

S. No	Name of Entry	Sponsor	Locations	Local Check
1.	FHH 207	Faridkot	SGNR	Maru Vikas
2.	FHH 209	Faridkot	Faridkot	LHH 144
3.	HHH 492	HAU, Hisar	Ludhiana	LHH 144
4.	HSHH 30	HAU, SRS	Hisar	HHH 223
5.	HSHH 31	HAU, SRS	Kanpur	CSHH 243
6.	CSHG -2118	CICR(Sirsa)	Banswara	H 8
7.	RAJHH 98	SGNR	Surat	G.Cot. Hy-12
8.	RAJHH 613	SGNR	Talod	G.Cot. Hy-12
9.	RHH – 0917	Rahuri	Rahuri	RHH 492
10.	RHH – 0924	Rahuri	Bhawanipatna	Bunny
11.	GSHH 2646	NAU, Surat	Raichur	DHH 11
12.	GTHH 209	SDAU, Talod	Siruguppa	DHH 11
13.	SHH 801	UAS, Siruguppa	Lam	LAHH 5
14.	SHH 802	UAS, Siruguppa	Coimbatore	Mallika
15.	RAHH 805	UAS, Raichur	Srivilliputhur	Mallika
16.	RAHH 806	UAS, Raichur	Abohar (Mahyco)	LHH 144
17.	BGDHH 803	UAS, BGDS	Nagpur (Ankur)	NHH 44
18.	BGDHH 804	UAS, BGDS	B' Gudi	DHH 11
19.	MRC 7081	Mahyco	Kalakal (Nuziveedu)	NHH 44
20.	MRC 7091	Mahyco	Nuziveedu (Prabhat)	NHH 44
21.	SCH 111	Super Agri Seeds		
22.	TSHH 0709	TNAU,SVPR		
23.	DHH 1201	UAS,DWD		
24.	DHH 1202	UAS,DWD		
25.	ARBHH 701	UAS,ARB		
26.	ARBHH 702	UAS,ARB		
27.	LAHH 18	Lam		
28.	ARCHH 9191	Ankur Seeds		
29.	NCS 3545	Nuziveedu Seeds		
30.	NCS 3547	Nuziveedu Seeds		
31.	PCH 2491	Prabhat Agri		
32.	PCH 4370	Prabhat Agri		
33.	ZC (CSHH 198/ Ankur 651/ Bunny)			
34.	F 1861 (CLCuV Check)			
35.	LC			

Br. 05 b PHT- Intrahir-Hybrid

Design: RBD, Rows: 2 (6 m length); Reps: 3; Seed qty: 100 g X 10

S. No	Name of Entry	Sponsor	Locations	Local Check
1.	GSHH 2639	NAU, Surat	Khandwa	JK Hy 3
2.	NHH-432	Nanded	Indore	JK Hy 3
3.	SHH 801	UAS, Siruguppa	Nanded	NHH 44
4.	SHH 802	UAS, Siruguppa	Akola	PKV Hy 2
5.	RAHH 805	UAS, Raichur	Bharuch	G.Cot. Hy-12
6.	RAHH 806	UAS, Raichur	Dhrawad	DHH 11
7.	BGDHH 803	UAS, BGDS	Nandyal	LAHH 5
8.	BGDHH 804	UAS, BGDS	Aruppukottai	Mallika
9.	CAHH-267	Akola	Kovilpatti	Mallika
10.	AHH-0803	Akola	Jalna (Mahyco)	NHH 44
11.	DHH 1251	UAS Dharwad		
12.	DHH 1252	UAS Dharwad		
13.	ARBHH 751	UAS ARB		
14.	ARBHH 752	UAS ARB		
15.	NCS 3545	Nuziveedu Seeds		
16.	NCS 3547	Nuziveedu Seeds		
17.	PCH 2491	Prabhat Agri		
18.	PCH 4370	Prabhat Agri		
19.	ZC (Ankur 651/ Bunny)			
20.	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 10

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

S. No.	Genotype	Sponsor	Location	Local Check
1.	LH 2298	Ludhiana	Faridkot	LH 2076
2.	F 2381	Faridkot	Hisar	H 1098-I
3.	F 2383	Faridkot	SGN	RS 875
4.	RHC 2022	Rahuri	Talod	G. Cot. 10
5.	GSHV 01/1338	NAU, Surat	Banswara	Wagad Kalyan
6.	GSHV 167	NAU, Surat	Bhawanipatna	Surabhi
7.	GTHV 04/13	SDAU, Talod	Rahuri	Phule 688
8.	GTHV 09/12	SDAU, Talod	Coimbatore	Suraj
9.	GJHV 496	JAU, JUNAGARH	Arabhavi	Sahana
10.	DSC 21	UAS,DWD	Lam	L 604
11.	DSC 24	UAS,DWD		
12.	ARBC 14	UAS,ARB		
13.	ARBC 19	UAS,ARB		
14.	TCH 1705	TNAU,Coimbatore		
15.	CCH 12-5	CICR, CBE		
16.	CSH 3075	CICR, SRS		
17.	RS 2718	SGN		
18.	LC (Coded at closer spacing)			
19.	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. Boll weight (g/boll)
10. Lint index (g)
11. Seed index (g)
12. Ginning outturn (%)
13. Fibre quality from pooled samples across the replication on 2.5% span length (mm),
Micronaire and Bundle strength
14. 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 8

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

S. No.	Genotype	Sponsor	Location	Local Check
1.	DSC 54	UAS,DWD	Akola	AKH 8828
2.	DSC 55	UAS,DWD	Nanded	NH 615
3.	ARBC 64	UAS,ARB	Khandwa	JK 4
4.	ARBC 66	UAS,ARB	Surat	G. Cot. 20
5.	CNH 1105	CICR, NGP	Adilabad	Siva Nandi
6.	CNH 28 I	CICR, NGP	Aruppukottai	KC 3
7.	CNH 2	CICR, NGP	Nandyal	Siva Nandi
8.	AKH 2006-2	Akola	Dharwad	Sahana
9.	NH 635	Nanded		
10.	ADB 39	Adilabad		
11.	CNH 1109	CICR Nagpur		
12.	Local check			

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. Boll weight (g/boll)
10. Lint index (g)
11. Seed index (g)
12. Ginning outturn (%)
13. Fibre quality from pooled samples across the replication on 2.5% span length (mm),
Micronaire and Bundle strength
14. 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 7+2

S. No	Name of Entry	Sponsor	Locations
1.	GSB 43	NAU, Surat	Surat
2.	DB 39	UAS, DWD	Anand
3.	DB 40	UAS, DWD	Rahuri
4.	ARBD 27	UAS, ARB	Coimbatore
5.	Rabs 851	UAS, Raichur	Dharwad
6.	Rabs 852	UAS, Raichur	Lam
7.	CCB 30	CICR Coimbatore	Siruguppa
8.	CCB 33	CICR Coimbatore	
9.	Suvin (CC)		

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- 0708	Rahuri	Anand	G Cot HB 102
2.	RHB- 0803	Rahuri	Rahuri	Phule 388
3.	RHB- 0812	Rahuri	Banswara	DCH 32
4.	GSHB 999	NAU, Surat	Siruguppa	DHB 915
5.	DHB 1202	UAS Dharwad	Dharwad	DHB 915
6.	DHB 1201	UAS Dharwad	Coimbatore	TCHB 213
7.	ARBHB 701	UAS ARB	Srivilliputhur	TCHB 213
8.	ARBHB 702	UAS ARB	Raichur	DHB 915
9.	CCHB 123	CICR CBE		
10.	CCHB 5339	CICR CBE		
11.	CCHB 26	CICR CBE		
12.	CCHB 44	CICR CBE		
13.	DCH 32 (CC)			
14.	LC			

Br. 22 a/b IET-G. arboreum

Design: RBD; Rows: 2 (6 m length); Reps: 3; Seed Qty: 120 g X 22 + 2

S. No	Entry	Sponsored by	Locations	LC
1.	FDK 194	Faridkot	SGNR	RG 8
2.	FDK 242	Faridkot	Faridkot	LD 694
3.	HD 511	Hisar	Kanpur	RG 8
4.	RG 713	SGNR	Ludhiana	LD 694
5.	RG 690	SGNR	Hisar	HD 324
6.	PA-741	Parbhani	Sirsa (C)	CISA 310
7.	PA-760	Parbhani	Bawal	HD 432
8.	JLA-0614	Jalgaon	Khandwa	JK 5
9.	JLA-0713	Jalgaon	Amreli	G.Cot. 19
10.	KWA-1201	Khandwa	Banswara	Turab
11.	GAM 141	JAU, Amreli	Akola	AKA. 8
12.	GAM 173	JAU, Amreli	Parbhani	PA 402
13.	AKA-2010-4	Akola	Jalgaon	JLA 794
14.	AKA-2010-6	Akola	Nagpur (C)	AKA. 8
15.	CNA 1016	CICR, NGP	Dharwad	AK 235
16.	CNA 1020	CICR, NGP	Hagari	AK 235
17.	CCA 390	CICR, CBE	Raichur	AK 235
18.	CCA -1	CICR, CBE	Nandyal	Sri Nandi
19.	CISA-111	CICR, SRS	Mudhol	Veena
20.	CISA-8	CICR, SRS	Kovilpatti	K. 11
21.	LD 919	Ludhiana	Karaikal	K 11
22.	LD 1033	Ludhiana	Bathinda	LD 694
23.	RBAV 22	ARS, Banswara		
24.	NDLA 2985	Nandyal		
25.	NDLA 3005	Nandyal		
26.	RAAS 701	Raichur		
27.	RAAS 702	Raichur		
28.	DAS 1201	UAS Dharwad		
29.	DAS 1202	UAS Dharwad		
30.	ARBAS 701	UAS ARB		
31.	ARBAS 702	UAS ARB		
32.	ZC (FDK 124/AKA 7/DLSa 17)			
33.	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 34	HAU, Hisar	SGNR	RAJ DH. 9
2.	FMDH 25	Faridkot	Faridkot	PAU 626 H
3.	FMDH 40	Faridkot	Ludhiana	PAU 626 H
4.	RAJDH 444	SGNR	Hisar	AAH 1
5.	AKDH-96	Akola	Kanpur (I)	RAJ DH. 9
6.	AKDH-97	Akola	Viramgam	G.cot MDH 11
7.	CISAA22	CICR, Sirsa	Amreli	G.cot MDH 11
8.	Mahabeej DH-904	MSSC	Bharuch	G.cot MDH 11
9.	NACH 41	Nirmal Seeds	Pachora (Nirmal Seeds)	PDKVDH.1
10.	CISAA 2 (NZ); NACH 6 (CZ)		Rahuri (I)	G.cot MDH 11
11.	LC		Akola	PDKVDH.1
12.			Parbhani	PDKVDH.1
13.			Nagpur (C)	PDKVDH.1

Br. 32b IET of *G. herbaceum*

Design: RBD; Rows: 2 (6 m length); Reps: 3; Seed Qty: 120 g X 7 + 2

S.No	Name of Entry	Sponsor	Locations	LC
1.	GShv 433/08	NAU, Surat	Surat	GN Cot 25
2.	GShv 464/08	NAU, Surat	Bharuch	GN Cot 25
3.	GShv 538/08	NAU, Surat	Banswara	Pratap Kapi 1
4.	GShv 233/09	NAU, Surat	Dharwad	Jayadhar
5.	GBhv 291	NAU, Bharuch	Raichur	RAHS 14
6.	GBhv 280	NAU, Bharuch	Annigere	Jayadhar
7.	GBhv 293	NAU, Bharuch	Karaikal	Jayadhar
8.	DHS 1201	UAS Dharwad		
9.	DHS 1202	UAS Dharwad		
10.	ARBHS 701	UAS ARB		
11.	ARBHS 702	UAS ARB		
12.	RBDV 36	Banswara		
13.	RAHS 851	Raichur		
14.	RAHS 852	Raichur		
15.	ZC (G Cot 23/DDhc 11)			
16.	LC			

NORTH ZONE TRIAL

Br-03 a

Design: RBD; Reps: 3; Rows: 4 (6 m length); Seed qty: 200 g X 7

Entries promoted	Entries retained	Location	Local Check
CA 105	HS 286	Sriganganagar	RS-810
LH 2256		Kanpur	Vikas
CSH 3088		Ludhiana	LH 2076
H 1442		Faridkot	LH 2076
F 2296		Bathinda	LH 2076
LH 2220	ZC (RS 2013)	Hisar	H 1236
Pusa 5760	LC	Sirsa – HAU	H 1117

Br-04 a

Design: RBD; Reps: 3; Rows: 8 (6 m length); Seed qty: 400 g X 7

Entries promoted	Entries retained	Location	Local Check
LH 2152	F 2228	Sriganganagar	RS-810
F 2276	MR 786	Kanpur	Vikas
HS 288		Ludhiana	LH 2076
F 2337		Faridkot	LH 2076
MR 68		Bathinda	LH 2076
ZC (RS 2013)		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
RAJHH844	FHH 200	Sriganganagar	Maru vikas
ZC (CSHH198)	LHH 1403	Kanpur	LHH 144
LHH 1411		Bathinda	LHH 144
Local Check		Faridkot	LHH 144
		Hisar	HHH 287

Br-24 a

Design: 4; Reps: 4; Rows: 4 (6 m length); Seed qty: 200 g X 7

Entries promoted	Entries retained	Location	Local Check
FDK 230	LD 949	Kanpur	CAD 4
FDK 204		Sriganganagar	RG 8
ZC (FDK 124)		Tabiji	RG 8
LC		Hissar	HD-324
		Ludhiana	LD 694
		Faridkot	LD 694
		Bhatinda	LD 694

Br-25 a

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

Entries promoted	Entries Retained	Location	Local Check
AAH 33	FMDH 23	Sriganganagar	RAJDH 9
	FMDH 22	Hissar	AAH 1
	FMDH 15	Ludhiana	PAU 626 H
ZC (CISAA2)	AAH 32	Faridkot	PAU 626 H
LC		Sirsa (CICR)	AAH 1
		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
GISV-272	BS 39	Surat	G. Cot 20
GSHV-162		Talod	G. Cot 20
RAH 1004		Junagadh	G. Cot 20
GJHV 440		Rahuri	RHC 688
CCH 11-2		Bhawanipatna	Surabhi
ZC (CNHO 12)			
LC			

Br-04 a

Design: RBD; Reps: 4; Rows: 8 (6 m length); Seed qty: 500 g X 5

Entries promoted	Entries Retained	Location	Local Check
RHC 0717	H 1454	Surat	G. Cot 20
H 1462		Talod	G. Cot 20
GSHV 159		Junagadh	G. Cot 20
ZC (CNHO 12)		Rahuri	RHC 688
LC		Bhawanipatna	Surabhi

Br-05a

Design: RBD; Reps: 3; Rows: 4 (6 m length); Seed qty: 150 g X 7

Entries promoted	Entries retained	Location	Local Check
TSHH0629	GSHH 2729	Surat	H 12
BHH24	RHH 0622	Talod	H 12
Ankur 3228	RHH 0707	Rahuri	Phule 492
GTHH 194	GTHH 193	Banswara	H 8
ZC (Ankur 651)		Bhawanipatna	Bunny
LC		Khandwa	JK Hy 1
		Nagpur (Ankur)	NHH 44

Br – 13 a PVT *G. barbadense*

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

Entries promoted	Entries retained	Location
DB 16	CCB 5	Surat
GSB 21	RAB 8	Rahuri
ARBB 20		Anand
GSB 39		
DB 14		
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
GSB 41		Surat
DB 12		Rahuri
GSB 40		Anand
RAB 12		
RHCb 011		
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
ARBHB1047	ARBHB-1011	Banswara	G COT HB 102
ARBHB1053	GSHB 922	Anand	G COT HB 102
RHB-0707	GSHB 929	Indore	DCH 32
RHB-0711	SHHB 671	Rahuri	Phule 388
RHB-0713	RHB 0206		
GSHB 978			
ZC (DCH 32)			
LC			

Br-03 b

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

Entries promoted	Entries retained	Location	Local Check
PH 1075	GBHV 170	Bharuch	G Cot 16
CSH 1111		Akola	AKH 8828
CNH 14		Khandwa	JK 4
NDLH 1928		Indore	KH 2
GBHV 177		Nanded	PH 348
ZC (NH 615)		Banswara	Wagad Kalyan
LC			

Br-04 b

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

Entries promoted	Entries retained	Location	Local Check
SCS 793	BS 30	Bharuch	G Cot 16
BS 40	H 1452	Akola	AKH 8828
P 2151	PH 1060	Khandwa	JK 4
ZC (NH 615)	NH 635	Indore	KH 2
Local Check		Nanded	PH 348
		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
DHH1012	NHH-250	Nanded	NHH 44
CAHH 2018	GSHH 2729	Akola	PKV Hy 2
RAHH 1001	MRC 7385	Indore	JK HY 2
GSHH 2646	NHH 324	Bharuch	G. Cot. Hy. 12
BHH24	SHH485	Jalna (Mahyco)	PKV Hy 2
AHH 0702	MRC 7387		
ZC (Ankur 651)			
LC			

Br-24 b

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

Entries promoted	Entries retained	Location	Local Check
CNA 398	GAM 162	Amreli	G Cot 19
GAM 173	AKA 2005-3	Khandwa	JK 5
	JLA505	Akola	AKA 8
ZC (AKA 7)	ARBAS 131	Jalgaon	JLA 794
LC		Parbhani	PA 402
		Junagarh	G Cot 19

Br-25 b

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

Entries promoted	Entries retained	Location	Local Check
CISAA 20	Swadeshi 651	Amreli	G Cot MDH 11
FMDH 34	NACH 18	Khandwa	JK 5
AAH 33	RAJDH 501	Akola	PKV Suvarna
	FMDH 23	Jalgaon	JLA 794
	PKV DH 1 (ZC)	Parbhani	PKV Suvarna
	LC	Pachora (Nirmal)	PKV Suvarna
		Nagpur (Ankur)	PKV Suvarna
		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 8

Entries promoted	Entries retained	Location	Local Check
GJHV 398		Siruguppa	Sahana
LH 2220		Arabhavi	Sahana
GISV-272		Lam	L 604
SCS 1001		Adilabad	L 604
CSH 3088		Coimbatore	MCU 13
ZC (Suraj)		Srivilliputhur	SVPR 2
LC		Raichur	Sahana
		Chidambaram	MCU 13

Br-04a

Design: RBD; Reps: 3; Rows: 8 (6 m length); Seed qty: 400 g X 7

Entries promoted	Entries retained	Location	Local Check
TSH 0250	MR 786	Siruguppa	Sahana
SCS 793		Arabhavi	Sahana
BS 37		Lam	L 604
GJHV 500		Adilabad	L 604
GSHV 159		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 8

Entries promoted	Entries retained	Location	Local Check
TSHH0629	MRC 7377	Siruguppa	DHH 11
HSHH 29	RHH 0707	Raichur	DHH 11
PHCH 270	ARBH 1051	Lam	LAHH 5
Ankur 3228	Sanjivani-021	B' Gudi	DHH 11
ZC (Bunny)		Srivilliputhur	Mallika
LC		Coimbatore	Mallika
		Ranebennur (Mahyco)	DHH 11
		Warangal (Ankur)	LAHH 5

Br – 13 a PVT *G. barbadense*

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

Entries promoted	Entries retained	Location
GSB 40	CCB 11	Coimbatore (TNAU)
GSB 21		Dharwad
GSB 41		Lam
TCB 37		Siruguppa
DB 16		
ZC (Suvin)		

Br. 14 a – CVT *G. barbadense*

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

Entries promoted	Location
GSB 41	Coimbatore (TNAU)
RHCb 011	Dharwad
RAB 8	Lam
GSB 40	Siruguppa
DB 11	
ZC (Suvin)	

Br-15 a

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

Entries promoted	Entries retained	Location	LC
ARBHB1047	ARBHB-1011	Dharwad	DHB 915
ARBHB1053	MCHB 7945	Raichur	DHB 915
RHB-0713	RHB 0206	Coimbatore	TCHB 213
RHB-0707	DHB 1071	Lam	DHB 915
GSHB 978	DHB 1072	Mahyco (Ranebennur)	DHB 915
DHB1010			
ZC (DCH 32)			

Br-03b

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

Entries promoted	Entries retained	Location	Local Check
	HAG 805	Dharwad	Sahana
	P 2151	Nandyal	Sivanandi
	BGDS 802	Aruppukottai	KC 3
ZC (Sahana)	LC	Perambalur	KC 3

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 1001	MRC 7385	Dharwad	DHH 11
DHH1012	GSHH 2729	Nandyal	LAHH 5
BHH24	RAHH 455	Aruppukottai	Mallika
AHH 0702	DHH 1062	Perambalur	Mallika
CAHH 2018	BHH 16	Ranebennur (Mahyco)	DHH 11
ZC(Bunny)			

Br-24 b

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

Entries promoted	Entries retained	Location	Local Check
Das 385	GAM 162	Dharwad	AKA 235
	AKA 2005-3	Nandyal	Yaganti
	CNA 1007	Kovilpatti	K 11
	ZC (DLSa 17)	Mudhol	Veena
	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
	AAH 32	Dharwad	AKA 235
	NACH 18	Nandyal	Yaganti
	FMDH 23	Kovilpatti	K 11
	MRDC 235	Mudhol	Veena
ZC (NACH 6)		Ranebennur (Mahyco)	AKA 235
LC		Hagari (Nirmal)	AKA 235

ENTRIES PROPOSED FOR AGRONOMY TRIAL

NORTH ZONE

1. Hirsutum variety – Bihani 251, CSH 3129
2. Intra-hirsutum Hybrid – LHH 1350, RAJHH 743

CENTRAL ZONE

Irrigated Trials

1. Hirsutum variety – GISV 216, NDH 1938, CCH 2623

Rainfed Trials

1. Hirsutum variety – NDH 1938, H 1353, BS 79
2. Intra-hirsutum Hybrid – NHH 225
3. Desi Hybrid – MRDC 233

SOUTH ZONE

Irrigated Trials

1. Hirsutum variety – NDH 1938, CCH 2623

Rainfed Trials

1. Desi Hybrid – MRDC 233, FMDH 9

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 the 5 kg lint samples directly for micro-spinning 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.