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**ANNUAL GROUP MEETING**

**ICAR-ALL INDIA CO-ORDINATED RESEARCH  
PROJECT ON COTTON  
(AICRP- on Cotton)**

**COTTON TECHNOLOGICAL REPORT**

**(2014 -2015)**

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**ICAR-CENTRAL INSTITUTE FOR RESEARCH**

**ON COTTON TECHNOLOGY**

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## Quality Analysis of ICAR-AICRP on Cotton samples

The Indian Council of Agricultural Research (ICAR) launched the All India Coordinated Cotton Improvement Project (AICCIP) in the year 1967 with its Headquarters at Coimbatore (Tamil Nadu) to give new thrust and direction in terms of multi-disciplinary and multi-centre approaches with the active involvement of State Agricultural Universities across cotton growing states. Currently, the AICCIP Project, now All India Co-ordinated Research Project on Cotton (ICAR-AICRP on Cotton) is in operation with its headquarters at Coimbatore and spread over 21 participating centres involving 16 State Agricultural Universities. The ICAR-Central Institute for Research on Cotton Technology (ICAR-CIRCOT), Mumbai and its Regional units at Nagpur, Coimbatore, Sirsa, Guntur, Dharwad and Surat are closely associated with ICAR-AICRP on Cotton in assessing the fibre quality parameters of cotton cultures under trial.

The modern global textile industry requires cotton with strong and consistent fibers in order to produce high quality goods at the high speeds which is necessary to recover capital costs. The contamination and other quality problems are endemic to Indian cotton. The introduction of high speed measurement of cotton fiber quality has strengthened the link between cotton prices and attributes on world markets. Technological research is required to be carried out for the further improvement in fibre attributes of Indian cotton. Presently a great emphasis is on the end product specific cotton variety.

ICAR-CIRCOT undertakes the fibre and yarn quality assessment of ICAR-AICRP on Cotton samples and presents in the Annual Technological Report. This Annual Technological Report contains the quality parameter data generated on the cotton samples received from the cotton breeders throughout the country at ICAR-CIRCOT HQ Mumbai and its regional units at Sirsa, Surat, Nagpur, Coimbatore, Dharwad and Guntur. The cotton samples of the breeders pertain to the ICAR-AICRP on Cotton Zonal Trials (North Zone, Central Zone and South Zone) and National Trials. In all, the technological data on 3469 samples have been reported of which 2555 samples belong to National trials while 878 cotton samples correspond to Zonal Trials. Out of the zonal trials, 150 cotton samples belong to North zone,

423 cotton samples belong to Central zone and 305 belong to South zone. Under Agonomy trial 36 samples were received. The fibre quality data of 3469 cotton samples and yarn quality data of 72 samples are presented in this report.

The quality parameters of all cotton fiber samples were measured by using the High Volume Instrument (HVI) operated in the ICC-Mode. They were compared with the standard ICAR-CIRCOT Fibre Quality Norms. Assessment of spinning potential was carried out as an additional parameter for samples pertaining to both advance trials and pre-release varieties.

### HVI and ICC Mode Comparison

High Volume Instrument (HVI) is used to find out fibre properties of cotton samples. High Volume Instrument can test cotton fibre properties under two different modes viz., ICC mode and HVI mode.

In India, most of the cotton traders and textile industries use ICC mode of High Volume Testing, whereas in cotton producing countries like USA, the HVI mode of testing is in practice. Cotton exporters in India are also familiar with HVI mode of testing as they have to submit HVI mode values to get their produce sold in international markets. In international markets, the transaction occur mainly using HVI mode fibre properties. In this context, it has been decided to introduce HVI mode fibre quality parameters for the benefit of the ICAR-AICRP on Cotton Cotton Breeders as well as other breeding scientists from ICAR-AICRP on Cotton Season 2012-13 onwards. The present report contains HVI mode values pertaining to the full spinning samples, which are in the final stage of breeding trial.

A Comparison between ICC & HVI Modes of testing is given below for a better understanding of the salient differences between the two modes. ***It is cautioned that one should not use the equations/thumb rule as an alternate to actual testing.***

ICC Mode	HVI mode	Conversion (ICAR-CIRCOT)	Thumb rule
2.5% Span Length (SL)	Upper Half Mean Length (UHML)	$UHML = 0.98 \times 2.5 \text{ SL} + 0.1827$	2.5% SL is equal to UHML
Uniformity Ratio (UR)	Uniformity Index (UI)	UI is more than HVI $UI\% = -0.1841 \times UR\% + 91.17$	UI is 1.8 times UR
Tenacity (g/tex) T(ICC)	Tenacity (g/tex) T(HVI)	$T(HVI) = 1.0395 \times T(ICC) + 4.967$	T (HVI) is 1.25 times of T (ICC)
<b>Note: Other fibre properties like micronaire, elongation and short fibre index remain the same in both the modes of HVI testing</b>			

## Highest Spinnability Count Index

The commercial value of a cotton variety is related to its spinning performance, which, in turn, is dependent on the yarn count that can be spun from the given cotton and the yarn quality obtained for that count. The quality of any yarn spun from cotton depends on its fibre quality, particularly length, strength, fineness, uniformity ratio, short fibre content and breaking elongation. The prediction of yarn quality and spinnability of a particular cotton is necessary for a better product design. Presently, the test for yarn quality is done by processing a small quantity of a cotton sample to a particular count and ascertaining the quality of yarn so produced. As Initial Evaluation Trials are having very small sample size, it is not possible to spin the cotton by mechanical processing to decide its spinning potential.

An integrated index called highest standard cotton (HSC) was developed by ICAR-CIRCOT long back and it was mainly for used comparing cottons after actual spinning of cottons into 2 to 3 counts. HSC is the finest count of yarn that can be spun economically with a standard optimum twist and has a certain standard lea CSP. The counts that are spun higher than HSC will have less CSP and counts that are spun lower than HSC will have more CSP than the standard. Thus, the HSC of cotton is a single integrated index, which provides an easy way for comparing the quality of cottons. Measurement of HSC involves the spinning of under-spun and over-spun counts using a full spinning test and calculating HSC from their CSP values. This is a time consuming as well as labour and machine intensive process apart from requiring minimum sample size of 6.0 kg. To overcome these problems, ICAR-CIRCOT has developed regression equations and Artificial Neural Networks models for predicting HSC from fibre properties and validated by comparing with actual values. HSC being an integrated index reflecting the spinnability of cotton is more suitable index to compare cottons than FQI. These developed models will also be useful in situations where there is a shortage of time to process cottons and to spin two counts. Hence, it has been decided to introduce Highest Spinnability Count (HSC) Index, this cotton season onwards for ranking of entries in addition to the reporting of fibre quality results. In this report, National trial and zonal trial samples are ranked based on HSC and it can be used for promoting entries from one stage to next stage.

## Abbreviations

Abbreviation	Description
SL	2.5% Span length in mm
UR	Uniformity Ratio measured in ICC mode
Mic	Micronaire (micrograms/inch)
Str	Bundle tenacity in grams/tex
E%	Bundle elongation in %
HSC	Highest Standard Count Index
Mean HSC	Mean of HSC of different locations of particular entry
Rank	Rank assigned for Mean HSC value
Count1	Under spun count in English count (Ne)
CSP1	Corrected count strength product of under spun count
Count2	Over spun count in English count (Ne)
CSP2	Corrected count strength product of over spun count
UHML	Upper Half Mean length in mm (HVI mode)
Tenacity	Bundle tenacity in grams/tex (HVI mode)
UI	Uniformity Index (HVI mode)

## Research highlights

### National Trials

- ❖ In the initial evaluation trial of *G. hirsutum* under irrigated condition, the entry CCH14-1 was the best performer amongst all in the south as well as central region in terms of fibre quality. The HSC was estimated upto 59s count. The entry also recorded a span length range of 31.8 to 33.9 mm at South zone. The entry CSH-3232 performed well in north region. The estimated HSC was 52s and span length ranged from 28.0 to 31.5 mm.
- ❖ Under rainfed situations, in the initial evaluation trial of *G. hirsutum*, the entry CCH 14-4 performed best amongst all the entries. In the southern region it recorded range of span length from 32.4 to 36.8 mm and estimated HSC was 61s count. BS3 performed well in Central region with 53s count estimated HSC and span length ranged from 28.5 to 31.4 mm.
- ❖ LAHH-25 is giving the maximum fibre quality in the Preliminary Hybrid trials of *Intra hirsutum* hybrids in Central region. In the southern region LAHH 26 performed well and in the north Ankur Surwarna performed at par in all the regions.



- ❖ SHH 902 is the best entry in terms of fibre quality in the Central zone under rainfed conditions and ARBHH 1452 is the best entry in case of South zone.
- ❖ In case of compact genotypes, CNH 1120 is the top entry and performed well in Central zone. RAHC 1011 performed well after zonal check in south. The entry ARBC-1401 recorded best performance in north region. Under rainfed conditions ANGC 1451 and CNH 1121 were top performers in south region whereas in northern region CNH 1121 along with CNH 1119 performed well.
- ❖ In *G. barbadense* trials, ARBB 1402 was top performer and recorded span length upto 37.7 mm in the central zone. Suvin (CC) recorded upto 38.6 mm span length in south and was best performer in the region.
- ❖ Inter specific hybrid CCHB 4 recorded highest span length of 39.9 at Srivilliputhur of southern region and 39.5 mm at Rahuri of Central zone. At Rahuri it also recorded a very good tenacity of 34.9 g/tex.
- ❖ Among the *G. arboreum* cultures, PA 785 is the best in Central zone, CAN 2009 is the best in North zone and DWDa 1402 is the best in South zone. Apart from spinnability of the entries it is noted that CISA 6-2, PBD 4, HD 514 and RG 776 are having micronaire value above 7.0 in most of the locations in North zone. They are best suitable for utilisation as absorbent cotton.
- ❖ AKDH 99 is the best performing desi hybrids in Central as well as North zone. The estimated HSC is 43-44s count In this trial, AAH 36 also has recorded micronaire value above 7.0 , barring a few locations, hence suitable for absorbent cottons.
- ❖ GBhv 297 is the best performing entry in *G. herbaceum* trials of Central zone followed by GBhv-299 and GBhv-296.

### **North Zone trials**

- ❖ In the Br-03a trial, CSH 3088 and LH 2220 are the top ranking entries.
- ❖ In the Br-05a trial, ARCH 3244 was top performer.
- ❖ In the Br-06a trial, the entry H1465 along with CSH 3075 preformed well at Faridkot and SGNR respectively. The overall performance of H 1465 was good in all the locations.
- ❖ In the Br-24a trial, LD 1019 was best amongst the entries.

### **Central Zone trials**

- ❖ Local checks and Quality checks were better than the entries in the Br-03a trials.
- ❖ In the Br-04 trials, the quality check performed well followed by SCS 1062 at Bhavanipatna.
- ❖ The entries RHH- 1014 and BGDHH 820 were best at Surat. The entry RHH-1014 recorded a overall good performance at different locations under Br-05a trials.
- ❖ The local check performed well in the trial Br-06a, apart from local check the entry GTHV 04/13 was good in different locations.
- ❖ In the trial Br-13a the performance of ARBB-1302 was best across different locations. The entry DB-1301 was best in its fibre attributes at Surat.
- ❖ RAB 8 recorded good performance at different locations whereas DB 39 was best in Surat. Both the entries recorded span length in excess of 38.0 in Br-14a trial.
- ❖ In Br-15a trial the overall performance of RHB-1014 was good and it recorded a span length of 38.7 in the Rahuri location. The performance of RHB-0812 can also considered at par with the RHB- 1014.
- ❖ Under the trial Br-03b the quality check performed above the entries. However the entry CCH 12-0 was better than other entries.
- ❖ The Quality checks over performed the entries in the case of Br-04b trials.
- ❖ Under the trial Br-05b, the entries SHH 808 and BGDHH 821 performed almost at par and best in comparison of other entries.
- ❖ All the entries under Br-06b trial performed at par over the local checks.
- ❖ Under the trial Br-24b the entry PA-760 was best performer in comparison of others.
- ❖ The performance of AKDH-96 was best in the Br-25 b trials in comparison of other entries. It also performed better than zonal check.

### **South Zone trials**

- ❖ The zonal checks and local checks performed better in the Br-03a trials.
- ❖ In the Br-04a trials all the entries had fibre quality lower than zonal check.
- ❖ RHH-1055 was the best performer in Br-05a trials and better than zonal check and local check.
- ❖ In the Br-06a trials local check's performance was best, however, ARBC 19 also performed very well in Coimbatore location.

- ❖ All entries performed lower than the zonal check in the Br-13a trial, however, the entry ARBB-1302 performed at par.
- ❖ All entries performed lower than the zonal check in the Br-14a trial.
- ❖ RHB-1014 was best in fibre attributes in comparison of other entries as well as zonal check. It recorded an average span length 35.9 mm.

## Full spinning of samples

Full scale spinning test evolved at the Institute is undertaken when a cotton sample is available in bulk quantity of at least 6.0 kg. In the full spinning test, the sample is normally spun to two or three counts as required and sufficient quantity of yarn is available for carrying out tests for yarn strength, irregularity and appearance. The full spinning test is carried out using normal processing methods as adopted in the mills. The flow chart of full spinning is given in Fig. 1.

Agronomy Trials - Full Spinning Results											
Sample No.	Entry	Location	SL (mm)	UR	Mic	Str (g/tex)	E %	Count 1	CSP 1	Count 2	CSP 2
150131	Bhakti BG2	Nandyal	31.0	47	4.3	22.3	4.2	40	2186	50	2173
150126	BS39	Bhwanipatna	33.5	45	4.2	23.8	4.5	59	2406	82	1959
150355		Surat	30.0	46	2.7	22.4	5.3	Stickiness			
150344	CCH-4474	Bhwanipatna	30.9	49	3.0	22.2	5.6	Stickiness			
150004	DB16	Coimbatore	34.8	52	3.9	31.7	5.2	105	2670	121	2400
150005	DB19	Banswara	34.0	51	3.5	31.1	4.7	102	2760	119	2388
150125	F2276	Bathinda	26.8	49	4.2	20.7	4.8	50	2470	60	2155
150006		Faridkot	26.5	49	4.6	18.8	4.6	29	2439	39	1984
150007	F2383	Faridkot	26.4	50	4.6	18.4	4.6	29	2376	39	1952
150135	GBHV170	Akola	26.5	49	4.4	18.1	5.9	30	2341	39	2160
150123		Nanded	29.0	47	3.5	21.5	5.3	30	2161	40	2075
150127	GISV272	Bhwanipatna	28.6	51	4.8	21.5	4.8	30	2347	40	2032
150354		Surat	27.9	51	4.1	18.9	4.9	Stickiness			
150133		Lam Guntur	28.2	51	4.4	21.5	4.6	30	2325	40	2029
150122		Raichur	27.7	51	4.4	21.0	4.7	30	2186	39	1981
150003	GSB21	Coimbatore	36.1	51	4.0	29.5	5.4	80	2592	101	2150
150137	GSHH2646	Akola	26.7	49	3.8	21.4	5.4	49	2347	60	1948
150134		Nanded	25.8	52	3.7	20.0	5.6	51	2216	59	1957
150124	LH 2256	Bathinda	28.0	50	4.3	22.5	4.7	49	2179	59	2042
150140	PHCH270	Lam Guntur	32.1	46	3.4	21.6	4.8	50	2311	60	2117
150121		Raichur	32.4	47	4.0	24.1	4.1	61	2401	77	2150
150002	RAHH1001	Coimbatore	30.2	52	5.3	24.1	3.9	49	2265	58	2142
150130		Nandyal	29.3	48	4.2	21.9	4.9	30	2250	39	2128
150001	RAHH455	Coimbatore	31.4	52	4.4	24.0	5.1	50	2235	60	1998
150129		Nandyal	29.2	50	3.8	22.5	4.6	40	2291	49	2189
150092	RHB0711	Rahuri	32.9	47	3.0	26.5	6.1	59	2565	81	2165

Agronomy Trials - Full Spinning Results											
Sample No.	Entry	Location	SL (mm)	UR	Mic	Str (g/tex)	E %	Count 1	CSP 1	Count 2	CSP 2
150094	RHB0713	Rahuri	31.5	46	3.0	23.5	5.9	61	2438	80	2099
150343	RHH0622	Rahuri	26.0	52	4.6	18.8	5.9	30	2101	40	2011
150093	RHH0707	Rahuri	29.4	48	4.0	20.2	5.6	30	2152	40	2037
150139		Lam Guntur	29.4	48	3.6	22.5	5.0	50	2305	60	2038
150120		Raichur	30.7	50	4.6	22.5	4.4	40	2382	50	2213
150136	SCS793	Akola	29.7	48	4.1	18.1	5.6	50	2314	62	2064
150132		Nanded	29.2	49	3.4	21.3	5.3	51	2186	60	1839
150128	TCH1716	Coimbatore	35.0	44	3.6	23.4	4.5	60	2466	80	2099
150138	TSHH0629	Lam Guntur	26.7	47	3.8	19.1	5.5	39	2221	50	1994
150119		Raichur	28.1	51	4.2	22.4	4.5	30	2323	40	2138

Fibre properties in HVI mode testing

Sample No.	Entry	Location	UHML (mm)	UI (%)	Strength (g/tex)
150131	Bhakti BG2	Nandyal	30.3	83	27.0
150126	BS39	Bhwanipatna	32.7	81	28.3
150355		Surat	29.9	83	26.9
150344	CCH-4474	Bhwanipatna	30.7	82	29.5
150004	DB16	Coimbatore	34.9	94	37.8
150005	DB19	Banswara	33.2	91	36.5
150125	F2276	Bathinda	27.9	83	27.0
150006		Faridkot	27.9	82	29.2
150007	F2383	Faridkot	27.1	82	26.9
150135	GBHV170	Akola	25.4	83	27.1
150123		Nanded	28.7	86	26.2
150127	GISV272	Bhwanipatna	29.1	89	26.4
150354		Surat	27.2	82	23.5
150133		Lam Guntur	27.3	87	27.1
150122		Raichur	26.4	83	27.7
150003	GSB21	Coimbatore	35.2	92	34.7
150137	GSHH2646	Akola	25.3	84	24.9
150134		Nanded	25.8	83	26.6

<b>Sample No.</b>	<b>Entry</b>	<b>Location</b>	<b>UHML (mm)</b>	<b>UI (%)</b>	<b>Strength (g/tex)</b>
150124	LH 2256	Bathinda	28.3	82	29.9
150140	PHCH270	Lam Guntur	31.7	84	27.3
150121		Raichur	32.1	89	28.6
150002	RAHH1001	Coimbatore	30.5	96	29.2
150130		Nandyal	28.4	83	27.3
150001	RAHH455	Coimbatore	30.9	98	28.7
150129		Nandyal	29.0	88	28.7
150092	RHB0711	Rahuri	32.7	83	32.4
150094	RHB0713	Rahuri	31.9	84	33.1
150343	RHH0622	Rahuri	25.8	84	26.1
150093	RHH0707	Rahuri	28.1	83	29.0
150139		Lam Guntur	28.6	83	26.4
150120		Raichur	30.9	83	27.6
150136	SCS793	Akola	30.1	86	30.0
150132		Nanded	28.3	78	25.9
150128	TCH1716	Coimbatore	36.2	85	29.6
150138	TSHH0629	Lam Guntur	25.8	84	26.5
150119		Raichur	27.8	84	25.3

## National Trials

### Br02a–Initial Evaluation Trial – G. Hirsutum (Irrigated)

National Trials- Br.02a- IET- G.hirsutum (Irrigated)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
450988N	401	RAH 1033	Central	Bhavanipatna	29.9	50	5.4	24.7	6.2	50	44	75
450153N				Junagadh	26.2	50	4.6	21.6	4.0	42		
451825N				Khandwa	22.9	48	2.2	17.5	5.0	39		
451085N				Rahuri	28.0	48	4.5	20.3	5.9	43		
450457N				Surat	30.1	48	4.2	22.7	5.7	52		
451422N				Talod	25.7	51	5.3	19.3	5.7	37		
450878N			North	Bhatinda	28.9	50	4.7	23.5	5.7	50	41	98
450645N				Faridkot	25.6	45	4.2	18.6	5.5	32		
450742N				Hissar	25.4	50	4.9	19.9	5.3	37		
451787N				SGNR	24.0	51	5.1	17.5	4.4	32		
452109N				Sirsa	25.5	49	5.5	20.3	4.3	33		
150153			South	Arbhavi	27.3	49	4.4	18.9	5.0	42	45	62
141986				Coimbatore	25.1	49	4.1	20.7	5.6	39		
				Lam	26.6	49	3.9	19.9		43		
451217N				Raichur	27.7	52	5.0	21.7	5.9	46		
142206	Srivilliputhur	29.1		47	2.8	22.7	5.4	54				
450989N	402	CCH 14-2	Central	Bhavanipatna	29.2	51	5.1	24.4	6.9	51	47	46
450154N				Junagadh	27.2	51	4.8	20.7	4.8	44		
451826N				Khandwa	24.8	47	2.9	18.6	5.3	39		
451086N				Rahuri	28.6	47	3.7	22.4	6.3	48		
450458N				Surat	27.6	49	3.6	21.7	5.7	49		
451423N				Talod	27.5	51	3.6	20.5	6.0	50		
450879N			North	Bhatinda	31.4	47	3.1	26.0	6.3	61	46	53
450646N				Faridkot	26.8	47	4.7	19.4	5.5	37		
450743N				Hissar	25.4	45	3.2	21.3	5.6	39		
451788N				SGNR	*	*	*	*	*	*		
452110N				Sirsa	26.2	52	4.3	23.4	5	47		
150154			South	Arbhavi	26.6	52	4.4	18.7	5.5	44	47	46
141987				Coimbatore	30.5	46	4.4	21.4	6.7	48		
				Lam	27.2	50	3.6	20.7		48		
451218N				Raichur	27.9	48	4.6	21.5	5.8	43		
142207				Srivilliputhur	28.1	46	2.8	22.6	5.6	50		

National Trials- Br.02a- IET- G.hirsutum (Irrigated)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
450990N	403	GJHV 497	Central	Bhavanipatna	31.1	51	5.0	25.1	7.0	56	50	20
450155N				Junagadh	26.7	51	4.4	22.9	5.3	46		
451827N				Khandwa	25.3	50	2.9	21.4	6.1	48		
451087N				Rahuri	29.7	49	3.7	22.9	6.3	55		
450459N				Surat	28.3	51	4.7	24.2	6.6	50		
451424N				Talod	26.2	53	4.7	21.8	6.4	46		
450880N			North	Bhatinda	28.1	54	4.7	25.0	6.8	54	44	75
450647N				Faridkot	25.1	52	4.5	20.0	6.3	41		
450744N				Hissar	25.3	48	3.8	22.0	5.7	41		
451789N				SGNR	*	*	*	*	*	*		
452111N				Sirsa	24.6	50	4.3	21.7	5.6	39		
150155			South	Arbhavi	28.7	48	4.3	19.4	6.2	45	50	20
141988				Coimbatore	29.7	47	4.4	22.5	>7.0	48		
				Lam	27.9	49	3.9	22.1		49		
451219N				Raichur	30.4	51	4.4	25.2	6.2	58		
142208	Srivilliputhur	30.1		46	3.5	22.5	5.6	52				
450991N	404	ARBH1401	Central	Bhavanipatna	32.1	48	4.5	24.4	6.1	57	45	62
450156N				Junagadh	26.3	49	4.3	19.8	4.3	40		
451828N				Khandwa	24.0	47	2.3	18.3	5.0	39		
451088N				Rahuri	27.6	47	3.8	20.6	5.8	44		
450460N				Surat	30.3	45	3.8	24.3	5.9	51		
451425N				Talod	25.4	49	3.7	19.1	5.7	40		
450881N			North	Bhatinda	27.9	47	4.7	22.1	5.9	42	36	112
450648N				Faridkot	25.3	45	4.2	18.2	5.2	31		
450745N				Hissar	25.1	46	4.1	19.5	5.2	34		
451790N				SGNR	*	*	*	*	*	*		
452112N				Sirsa	25.7	50	4.3	15.7	4.7	37		
150156			South	Arbhavi	26.7	49	4.3	19.9	5.0	42	43	85
141989				Coimbatore	25.4	49	3.8	21.0	5.7	41		
				Lam	25.7	49	3.9	19.7		41		
451220N				Raichur	29.4	48	4.9	21.9	5.8	46		
142209	Srivilliputhur	26.8		46	3.0	22.0	5.7	45				



National Trials- Br.02a- IET- G.hirsutum (Irrigated)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
450992N	405	CNH 5	Central	Bhavanipatna	31.9	51	4.7	25.3	6.2	60	49	29
450157N				Junagadh	28.0	49	4.5	22.7	4.2	46		
451829N				Khandwa	26.0	48	3.1	19.2	5.6	43		
451089N				Rahuri	30.0	44	3.8	21.9	5.8	47		
450461N				Surat	28.3	50	4.6	23.5	6.0	48		
451426N				Talod	27.8	53	4.8	21.2	5.9	49		
450882N			North	Bhatinda	29.4	50	4.2	24.6	6.1	54	40	104
450649N				Faridkot	26.9	48	4.9	19.6	5.7	37		
450746N				Hissar	25.1	47	4.4	19.1	5.1	33		
451791N				SGNR	25.0	49	5.0	17.6	4.1	32		
452113N				Sirsa	26.7	50	4.5	21.0	4.3	43		
150157			South	Arbhavi	29.6	49	4.2	22.9	4.6	52	49	29
141990				Coimbatore	26.4	47	4.1	21.8	5.6	40		
				Lam	28.4	49	3.9	21.5		49		
451221N				Raichur	30.1	50	4.5	24.4	6.2	54		
142210	Srivilliputhur	29.3		48	3.8	21.9	5.5	51				
450993N	406	L 1008	Central	Bhavanipatna	30.4	50	4.9	23.9	6.2	53	50	20
450158N				Junagadh	26.8	50	3.9	22.6	4.5	47		
451830N				Khandwa	24.7	49	2.3	19.7	5.5	46		
451090N				Rahuri	29.5	49	3.8	22.3	6.0	53		
450462N				Surat	28.3	47	3.6	23.7	6.0	49		
451427N				Talod	27.7	53	4.0	22.6	5.9	53		
450883N			North	Bhatinda	27.1	50	3.7	23.7	5.9	50	41	98
450650N				Faridkot	25.6	52	3.9	20.3	5.6	45		
450747N				Hissar	23.9	48	3.5	19.5	5.4	36		
451792N				SGNR	24.5	51	4.3	19.0	4.8	38		
452114N				Sirsa	25.0	49	4.3	20.4	5.1	38		
150158			South	Arbhavi	28.2	50	3.9	21.8	4.7	50	48	37
141991				Coimbatore	29.3	47	4.1	21.7	6.0	48		
				Lam	27.4	48	3.9	21.9		45		
451222N				Raichur	28.4	51	4.4	22.0	5.9	50		
142211	Srivilliputhur	26.2		49	2.9	20.9	5.1	48				

National Trials- Br.02a- IET- G.hirsutum (Irrigated)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
450994N	407	CSH 3232	Central	Bhavanipatna	30.2	47	4.5	22.8	6.1	49	53	8
450159N				Junagadh	29.8	49	3.6	23.8	4.9	56		
451831N				Khandwa	26.5	47	2.6	19.8	5.4	47		
451091N				Rahuri	31.8	48	3.0	24.2	6.1	63		
450463N				Surat	29.0	45	3.5	23.6	6.0	49		
451428N				Talod	29.2	50	3.7	23.1	5.9	55		
450884N			North	Bhatinda	31.5	51	3.7	25.9	6.0	64	52	10
450651N				Faridkot	30.0	44	3.7	20.9	5.7	47		
450748N				Hissar	28.7	47	3.7	22.6	5.6	49		
451793N				SGNR	29.9	47	3.7	21.5	4.5	51		
452115N				Sirsa	28.0	49	4	21.2	4.6	47		
150159			South	Arbhavi	30.8	44	3.5	20.6	4.8	49	54	6
141992				Coimbatore	30.1	46	3.5	22.5	6.7	52		
				Lam	30.3	48	4.5	23.2		51		
451223N				Raichur	32.3	53	4.0	26.5	5.9	68		
142212	Srivilliputhur	28.7		46	2.8	22.0	5.4	51				
450995N	408	GSHV 177	Central	Bhavanipatna	32.9	50	4.9	25.9	6.9	61	54	6
450160N				Junagadh	28.2	50	4.8	24.6	4.6	48		
451832N				Khandwa	27.0	50	2.7	25.8	6.1	56		
451092N				Rahuri	30.1	49	3.7	24.7	6.6	57		
450464N				Surat	30.1	49	4.8	24.3	6.3	51		
451429N				Talod	27.7	53	5.2	22.7	6.4	48		
450885N			North	Bhatinda	28.2	50	4.9	24.2	6.3	47	44	75
450652N				Faridkot	27.4	50	3.7	22.4	6.2	50		
450749N				Hissar	25.3	49	4.4	21.9	6.0	39		
451794N				SGNR	27.9	51	5.2	17.5	5.1	41		
452116N				Sirsa	*	*	*	*	*	*		
150160			South	Arbhavi	28.8	48	4.1	23.3	5.2	49	52	10
141993				Coimbatore	30.9	47	4.6	22.5	6.6	50		
				Lam	28.3	50	3.8	22.6		51		
451224N				Raichur	30.2	50	4.9	24.1	6.0	52		
142213	Srivilliputhur	29.6		48	3.0	23.9	5.4	57				

National Trials- Br.02a- IET- G.hirsutum (Irrigated)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
450996N	409	CNH 1118	Central	Bhavanipatna	31.6	49	4.2	25.9	6.5	59	50	20
450161N				Junagadh	27.8	51	4.3	23.1	4.5	50		
451833N				Khandwa	25.5	48	3.0	19.3	5.5	43		
451093N				Rahuri	29.7	47	3.7	22.5	6.2	51		
450465N				Surat	28.0	49	3.9	23.3	6.0	50		
451430N				Talod	27.8	51	4.9	21.9	6.0	46		
450886N			North	Bhatinda	28.4	48	4.5	23.3	6.1	46	40	104
450653N				Faridkot	28.1	44	4.7	20.0	5.7	36		
450750N				Hissar	25.5	47	3.8	19.9	5.3	38		
451795N				SGNR	25.3	49	4.7	16.9	4.7	34		
452117N				Sirsa	25.7	52	4.3	23.2	4.9	46		
150161			South	Arbhavi	28.5	50	4.0	21.1	5.7	50	49	29
141994				Coimbatore	27.2	47	4.3	21.5	6.6	41		
				Lam	28.7	49	3.7	22.3		51		
451225N				Raichur	29.3	50	4.1	23.1	6.1	53		
142214	Srivilliputhur	28.3		48	3.3	22.8	5.6	51				
450997N	410	SCS 1061	Central	Bhavanipatna	29.9	49	5.3	23.2	6.3	48	41	98
450162N				Junagadh	25.8	51	5.3	19.8	4.5	37		
451834N				Khandwa	24.6	47	2.7	18.8	5.4	40		
451094N				Rahuri	28.0	47	4.1	21.1	6.2	44		
450466N				Surat	27.1	50	4.9	21.5	5.9	42		
451431N				Talod	25.5	50	5.1	19.0	5.8	35		
450887N			North	Bhatinda	27.9	50	5.1	22.9	6.2	45	39	108
450654N				Faridkot	24.8	52	5.0	19.7	5.8	37		
450751N				Hissar	22.2	51	4.3	18.8	5.6	32		
451796N				SGNR	*	*	*	*	*	*		
452118N				Sirsa	24.0	53	3.8	19.5	5.8	42		
150162			South	Arbhavi	27.8	47	4.4	18.4	5.5	40	44	75
141995				Coimbatore	26.8	49	4.1	21.7	6.6	44		
				Lam	26.4	50	4.3	20.4		42		
451226N				Raichur	28.7	53	5.1	23.2	6.1	51		
142215	Srivilliputhur	24.9		48	2.9	21.6	5.2	44				

National Trials- Br.02a- IET- G.hirsutum (Irrigated)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
450998N	411	ZC	Central	Bhavanipatna	27.5	52	5.4	23.6	6.5	45	41	98
450163N				Junagadh	23.8	53	4.9	21.4	4.6	38		
451835N				Khandwa	22.5	52	2.7	17.4	5.5	41		
451095N				Rahuri	26.4	47	4.6	20.1	5.9	37		
450467N				Surat	24.3	52	4.0	21.4	5.7	42		
451432N				Talod	24.8	54	4.9	19.1	5.9	40		
450888N			North	Bhatinda	26.3	48	4.0	21.6	5.9	42	35	113
450655N				Faridkot	25.7	48	4.7	19.0	5.6	35		
450752N				Hissar	24.0	50	3.9	19.8	5.6	38		
451797N				SGNR	23.0	49	4.6	17.3	4.3	29		
452119N				Sirsa	24.6	50	5.3	20.7	4.9	33		
150163			South	Arbhavi	30.5	48	4.4	22.8	4.7	52	57	3
141996				Coimbatore	33.0	45	4.5	23.4	6.8	54		
				Lam	31.7	47	3.7	24.7		58		
451227N				Raichur	33.1	51	4.9	26.7	6.3	63		
142216	Srivilliputhur	29.9		47	2.9	24.0	5.6	57				
450999N	412	CPD 1402	Central	Bhavanipatna	30.1	50	5.0	24.7	5.9	52	50	20
450164N				Junagadh	28.2	52	4.7	21.7	4.4	49		
451836N				Khandwa	26.0	49	2.7	20.0	5.4	47		
451096N				Rahuri	29.2	49	3.5	23.9	5.9	55		
450468N				Surat	29.3	49	4.1	24.4	6.0	53		
451433N				Talod	27.1	48	3.4	20.9	6.0	46		
450889N			North	Bhatinda	29.7	48	3.8	25.3	5.9	55	45	62
450656N				Faridkot	27.4	46	3.6	20.3	5.8	43		
450753N				Hissar	25.1	48	4.0	20.1	5.5	38		
451798N				SGNR	26.4	50	4.3	21.2	4.5	43		
452120N				Sirsa	27.5	49	4.2	21.0	4.5	45		
150164			South	Arbhavi	29.6	50	3.6	23.2	4.7	56	51	12
141997				Coimbatore	30.0	46	3.5	21.6	5.6	51		
				Lam	26.6	50	4.1	21.9		45		
451228N				Raichur	29.3	51	4.5	22.8	5.7	52		
142217	Srivilliputhur	27.3		46	2.6	22.5	5.4	49				

National Trials- Br.02a- IET- G.hirsutum (Irrigated)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451000N	413	TSH 0533-2	Central	Bhavanipatna	33.9	46	5.0	25.6	6.2	57	50	20
450165N				Junagadh	29.9	52	4.3	24.5	4.8	58		
451837N				Khandwa	25.5	47	2.7	19.1	5.3	43		
451097N				Rahuri	30.2	45	4.4	22.5	5.9	46		
450469N				Surat	30.9	48	4.6	25.4	6.2	54		
451434N				Talod	26.0	53	5.2	20.4	6.1	41		
450890N			North	Bhatinda	29.5	48	5.0	23.7	6.0	47	43	85
450657N				Faridkot	28.7	47	4.7	20.2	5.6	42		
450754N				Hissar	25.3	47	3.4	20.6	5.5	40		
451799N				SGNR	26.2	49	4.3	17.9	4.9	39		
452121N			South	Sirsa	29.0	50	4.5	20.6	4.4	48	48	37
150165				Arbhavi	30.3	45	4.3	20.7	4.7	46		
141998				Coimbatore	30.5	46	4.8	22.2	5.8	46		
				Lam	29.5	46	3.8	22.7		49		
451229N				Raichur	31.5	47	4.9	23.3	5.8	51		
142218	Srivilliputhur	28.3	47	3.2	21.7	5.5	50					
451001N	414	RS 2765	Central	Bhavanipatna	30.2	52	4.9	25.3	6.5	56	50	20
450166N				Junagadh	27.8	53	3.7	23.7	5.2	56		
451838N				Khandwa	23.3	49	2.4	18.4	5.3	41		
451098N				Rahuri	29.0	49	3.5	24.0	6.2	55		
450470N				Surat	26.3	50	3.6	21.8	5.3	47		
451435N				Talod	25.5	53	4.4	20.6	6.0	44		
450891N			North	Bhatinda	27.4	51	4.6	22.8	6.2	47	43	85
450658N				Faridkot	27.0	51	3.7	21.6	6.1	49		
450755N				Hissar	24.8	49	4.0	20.7	5.6	39		
451800N				SGNR	25.0	51	4.2	19.5	4.9	40		
452122N			South	Sirsa	26.7	49	4.4	21.0	4.7	42	48	37
150166				Arbhavi	27.1	50	3.9	21.8	5.8	47		
141999				Coimbatore	29.8	47	3.8	20.4	6.2	49		
				Lam	27.5	50	4.4	21.4		46		
451230N				Raichur	28.1	48	3.8	22.3	5.8	48		
142219	Srivilliputhur	26.2	49	3.1	21.0	5.5	47					

National Trials- Br.02a- IET- G.hirsutum (Irrigated)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451002N	415	HS 294	Central	Bhavanipatna	27.8	53	5.3	23.8	6.3	48	42	91
450167N				Junagadh	26.1	54	4.9	20.8	4.4	45		
451839N				Khandwa	22.9	49	3.4	17.4	5.3	35		
451099N				Rahuri	27.7	47	4.2	21.0	6.3	43		
450471N				Surat	27.0	52	5.4	22.6	6.0	43		
451436N				Talod	25.1	51	4.9	19.2	5.8	37		
450892N			North	Bhatinda	27.1	51	5.2	23.1	5.9	44	37	111
450659N				Faridkot	26.0	49	5.0	19.3	5.7	36		
450756N				Hissar	24.8	49	4.6	20.3	5.6	36		
451801N				SGNR	26.0	50	5.1	18.0	4.6	36		
452123N				Sirsa	24.6	51	5.7	21.7	4.8	34		
150167			South	Arbhavi	27.5	50	4.7	20.9	5.0	44	43	85
142000				Coimbatore	26.7	49	4.7	19.5	6.1	39		
				Lam	26.4	49	3.6	20.2		45		
451231N				Raichur	28.0	52	5.0	21.9	5.9	47		
142220	Srivilliputhur	26.6		48	4.4	19.6	5.6	39				
451003N	416	BS 23	Central	Bhavanipatna	31.7	49	4.8	25.1	6.6	56	51	12
450168N				Junagadh	29.8	50	4.1	25.9	5.3	57		
451840N				Khandwa	25.7	47	2.7	19.8	5.7	43		
451100N				Rahuri	28.7	51	3.5	23.4	6.0	56		
450472N				Surat	29.0	46	4.1	23.3	6.1	47		
451437N				Talod	27.3	51	4.1	22.3	6.3	49		
450893N			North	Bhatinda	28.4	47	4.0	23.2	6.2	47	42	91
450660N				Faridkot	27.4	49	4.1	21.6	6.4	46		
450757N				Hissar	25.3	47	3.9	21.1	5.8	38		
451802N				SGNR	25.0	53	5.1	20.0	4.8	39		
452124N				Sirsa	*	*	*	*	*	*		
150168			South	Arbhavi	28.5	48	4.0	22.8	5.3	48	48	37
142001				Coimbatore	30.7	46	3.9	22.3	6.3	51		
				Lam	27.2	48	4.1	20.9		43		
451232N				Raichur	27.9	53	4.6	23.3	5.9	52		
142221	Srivilliputhur	26.5		48	3.2	21.0	5.3	46				

National Trials- Br.02a- IET- G.hirsutum (Irrigated)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451004N	417	CPD 1401	Central	Bhavanipatna	33.2	51	5.3	26.2	6.4	61	49	29
450169N				Junagadh	28.4	49	3.9	22.7	4.6	50		
451841N				Khandwa	25.5	46	3.0	18.2	5.6	39		
451101N				Rahuri	29.3	46	4.4	21.6	6.3	45		
450473N				Surat	30.2	46	4.7	24.3	6.0	48		
451438N				Talod	27.8	51	3.9	23.5	6.2	52		
450894N			North	Bhatinda	31.7	47	4.5	24.9	6.0	55	45	62
450661N				Faridkot	27.8	48	4.4	20.3	5.7	43		
450758N				Hissar	26.4	45	4.0	20.9	5.4	37		
451803N				SGNR	28.0	50	4.0	21.4	4.5	49		
452125N				Sirsa	27.5	46	4.2	20.6	4.5	40		
150169			South	Arbhavi	29.4	46	3.7	19.8	5.1	47	50	20
142002				Coimbatore	29.8	46	4.4	20.8	5.6	45		
				Lam	28.4	48	3.8	22.1		48		
451233N				Raichur	31.3	51	4.5	26.6	6.2	61		
142222	Srivilliputhur	31.1		46	3.7	19.7	5.5	51				
451005N	418	F 2493	Central	Bhavanipatna	28.8	50	5.1	23.5	6.3	47	48	37
450170N				Junagadh	28.0	53	5.1	21.9	5.3	48		
451842N				Khandwa	25.7	48	2.9	19.4	5.5	44		
451102N				Rahuri	27.6	50	3.8	23.2	5.9	50		
450474N				Surat	28.1	51	4.8	23.0	6.1	48		
451439N				Talod	26.4	54	4.7	22.2	6.3	48		
450895N			North	Bhatinda	29.0	49	4.9	22.5	5.9	47	43	85
450662N				Faridkot	27.0	48	4.7	19.7	5.8	39		
450759N				Hissar	27.8	51	4.9	22.4	5.6	46		
451804N				SGNR	24.6	51	4.4	20.0	5.4	39		
452126N				Sirsa	26.5	52	4.9	21.4	5	44		
150170			South	Arbhavi	27.4	48	4.3	17.1	5.8	40	45	62
142003				Coimbatore	28.7	48	4.5	20.1	6.2	44		
				Lam	27.5	50	3.7	21.6		49		
451234N				Raichur	28.4	52	4.8	22.6	6.2	50		
142223	Srivilliputhur	24.7		49	3.5	20.3	5.4	41				

National Trials- Br.02a- IET- G.hirsutum (Irrigated)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451006N	419	F 2501	Central	Bhavanipatna	31.3	54	4.9	25.9	6.5	62	46	53
450171N				Junagadh	27.5	48	4.4	20.0	4.7	42		
451843N				Khandwa	27.0	48	3.2	20.2	5.5	46		
451103N				Rahuri	28.7	44	3.7	20.5	6.3	43		
450475N				Surat	28.5	49	4.9	21.9	5.9	45		
451440N				Talod	26.0	51	4.8	19.5	5.9	40		
450896N			North	Bhatinda	28.9	48	5.0	21.3	5.7	43	40	104
450663N				Faridkot	26.8	50	4.9	19.9	5.8	40		
450760N				Hissar	27.8	46	4.5	21.6	5.5	40		
451805N				SGNR	27.0	49	5.8	17.8	4.4	33		
452127N				Sirsa	27.1	49	4.7	21.0	4.3	42		
150171			South	Arbhavi	28.0	48	4.2	21.2	5.1	45	47	46
142004				Coimbatore	29.3	46	4.3	20.2	5.5	44		
				Lam	27.4	49	3.9	20.7		46		
451235N				Raichur	29.0	49	3.9	21.8	5.8	51		
142224	Srivilliputhur	27.5		49	3.4	20.4	5.3	48				
451007N	420	Quality Check	Central	Bhavanipatna	33.2	49	5.0	26.4	6.7	60	56	4
450172N				Junagadh	30.6	50	4.8	24.2	4.8	54		
451844N				Khandwa	28.1	49	2.2	24.0	5.8	59		
451104N				Rahuri	31.7	45	3.7	24.4	5.7	55		
450476N				Surat	31.9	48	4.5	25.0	6.0	57		
451441N				Talod	29.5	49	4.2	24.5	6.2	53		
450897N			North	Bhatinda	29.3	49	4.6	23.4	6.1	50	41	98
450664N				Faridkot	27.6	47	4.8	21.1	5.4	40		
450761N				Hissar	26.5	48	4.1	21.8	5.8	42		
451806N				SGNR	24.2	51	4.4	20.0	4.9	38		
452128N				Sirsa	25.5	50	5.1	21.0	4.7	37		
150172			South	Arbhavi	29.9	47	4.7	21.2	4.9	46	53	8
142005				Coimbatore	31.6	46	4.4	24.0	6.7	53		
				Lam	30.3	47	4.3	24.3		52		
451236N				Raichur	30.7	50	4.7	24.5	6.0	55		
142225	Srivilliputhur	30.5		47	2.3	24.0	5.5	61				



National Trials- Br.02a- IET- G.hirsutum (Irrigated)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451008N	421	CSH 2838	Central	Bhavanipatna	29.6	53	4.5	26.4	6.5	59	51	12
450173N				Junagadh	27.3	51	4.1	23.0	4.9	49		
451845N				Khandwa	24.4	49	2.8	19.7	5.6	43		
451105N				Rahuri	29.4	49	3.5	24.8	6.3	56		
450477N				Surat	28.9	47	4.9	22.2	5.7	43		
451442N				Talod	30.2	49	4.2	24.7	6.3	55		
450898N			North	Bhatinda	27.5	50	4.2	23.3	6.1	48	44	75
450665N				Faridkot	26.8	50	4.1	22.7	6.1	46		
450762N				Hissar	25.1	49	3.8	21.8	5.7	41		
451807N				SGNR	25.4	49	4.2	19.5	5.1	38		
452129N				Sirsa	*	*	*	*	*	*		
150173			South	Arbhavi	27.9	50	3.7	25.3	4.9	53	48	37
142006				Coimbatore	29.8	47	3.9	21.3	5.5	50		
				Lam	27.4	50	4.3	21.5		46		
451237N				Raichur	27.3	50	4.0	21.3	5.9	47		
142226	Srivilliputhur	26.4		49	3.6	21.5	5.7	45				
451009N	422	TCH 1806	Central	Bhavanipatna	30.3	48	5.0	24.5	6.2	50	44	75
450174N				Junagadh	27.2	49	4.1	19.3	9.7	43		
451846N				Khandwa	24.7	48	3.0	18.2	5.2	40		
451106N				Rahuri	29.4	46	3.9	23.3	6.2	49		
450478N				Surat	26.3	49	4.0	20.5	5.6	42		
451443N				Talod	25.6	53	4.7	20.1	6.0	43		
450899N			North	Bhatinda	29.0	49	4.9	23.5	6.0	47	40	104
450666N				Faridkot	29.7	46	4.8	22.0	5.6	44		
450763N				Hissar	24.4	49	5.0	19.3	5.4	32		
451808N				SGNR	25.0	50	5.6	17.9	4.4	31		
452130N				Sirsa	26.6	50	4.5	23.0	4.7	44		
150174			South	Arbhavi	28.1	48	4.4	21.7	4.6	45	46	53
142007				Coimbatore	29.0	46	4.2	20.5	5.3	44		
				Lam	27.1	49	3.5	21.1		47		
451238N				Raichur	28.9	49	4.9	21.6	5.9	46		
142227	Srivilliputhur	29.4		48	3.7	20.3	5.6	50				

National Trials- Br.02a- IET- G.hirsutum (Irrigated)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451010N	423	SCS 1207	Central	Bhavanipatna	30.5	49	5.3	24.5	6.4	50	45	62
450175N				Junagadh	26.6	50	4.2	19.5	11.2	43		
451847N				Khandwa	25.8	46	2.7	19.6	5.6	42		
451107N				Rahuri	29.7	47	4.2	22.1	5.9	49		
450479N				Surat	27.4	49	4.1	21.7	5.7	46		
451444N				Talod	27.7	50	5.1	20.6	5.8	42		
450900N			North	Bhatinda	28.4	48	5.0	23.1	6.0	44	39	108
450667N				Faridkot	27.5	47	4.9	22.0	5.8	39		
450764N				Hissar	25.2	48	4.1	20.8	5.7	38		
451809N				SGNR	26.4	50	4.7	18.8	4.8	39		
452131N				Sirsa	24.6	49	4.5	18.2	5.6	34		
150175			South	Arbhavi	27.2	46	4.3	18.6	5.5	38	42	91
142008				Coimbatore	28.3	46	4.7	21.7	5.2	41		
				Lam	27.9	48	4.0	20.8		45		
451239N				Raichur	29.4	46	5.1	21.7	5.7	42		
142228	Srivilliputhur	26.6		47	3.5	21.2	5.4	43				
451011N	424	GSHV 179	Central	Bhavanipatna	31.3	51	4.7	24.3	6.0	58	46	53
450176N				Junagadh	27.0	48	4.1	20.6	4.4	42		
451848N				Khandwa	24.6	47	2.3	19.7	5.3	42		
451108N				Rahuri	28.7	47	3.5	22.6	6.0	50		
450480N				Surat	27.8	46	4.0	20.5	5.2	42		
451445N				Talod	24.5	50	3.0	18.7	5.5	43		
450901N			North	Bhatinda	27.9	49	3.8	22.6	5.9	49	42	91
450668N				Faridkot	25.9	48	4.0	20.6	5.4	40		
450765N				Hissar	26.8	48	3.6	20.5	5.3	44		
451810N				SGNR	24.0	50	3.8	16.7	4.7	36		
452132N				Sirsa	26.3	48	3.9	18.1	5.4	40		
150176			South	Arbhavi	28.1	49	3.7	17.6	5.2	46	45	62
142009				Coimbatore	29.6	46	3.8	20.4	5.6	48		
				Lam	25.3	49	3.9	21.9		41		
451240N				Raichur	28.3	48	4.6	20.0	5.5	43		
142229	Srivilliputhur	27.8		46	2.9	22.4	5.4	49				

National Trials- Br.02a- IET- G.hirsutum (Irrigated)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451012N	425	H 1471	Central	Bhavanipatna	31.9	50	4.9	24.4	6.5	57	50	20
450177N				Junagadh	26.4	51	4.6	20.5	4.8	43		
451849N				Khandwa	25.2	51	2.7	21.5	5.7	49		
451109N				Rahuri	30.9	48	3.5	24.7	6.1	59		
450481N				Surat	29.3	49	4.2	23.6	6.1	52		
451446N				Talod	26.2	53	4.9	20.8	5.9	44		
450902N			North	Bhatinda	30.0	50	4.5	25.2	6.5	55	44	75
450669N				Faridkot	27.0	49	4.6	21.9	6.0	42		
450766N				Hissar	28.1	48	4.6	22.9	5.6	45		
451811N				SGNR	25.6	50	4.5	19.6	5.1	39		
452133N				Sirsa	27.2	47	4.3	21.7	5.6	41		
150177			South	Arbhavi	28.4	48	4.2	22.1	5.4	47	50	20
142010				Coimbatore	30.2	47	3.7	21.6	5.5	52		
				Lam	27.9	50	4.6	21.5		46		
451241N				Raichur	30.3	47	4.0	23.1	6.0	52		
142230	Srivilliputhur	28.6		48	3.0	23.0	5.7	54				
451013N	426	PBH 10	Central	Bhavanipatna	29.0	51	5.1	24.8	6.4	50	45	62
450178N				Junagadh	26.2	51	4.2	23.1	5.0	46		
451850N				Khandwa	24.0	49	3.0	18.8	5.6	40		
451110N				Rahuri	28.5	46	3.9	21.2	6.5	45		
450482N				Surat	27.4	51	4.7	22.8	5.9	47		
451447N				Talod	26.1	52	4.7	20.8	6.1	43		
450903N			North	Bhatinda	29.3	49	5.2	23.5	5.9	47	38	110
450670N				Faridkot	26.6	43	5.1	20.1	5.6	29		
450767N				Hissar	26.2	49	4.5	21.1	5.5	40		
451812N				SGNR	25.5	51	5.1	19.7	4.6	37		
452134N				Sirsa	26.3	50	4.9	19.4	6	39		
150178			South	Arbhavi	27.3	51	4.6	19.4	5.4	44	44	75
142011				Coimbatore	28.4	47	4.4	19.1	5.9	42		
				Lam	27.3	50	3.7	21		48		
451242N				Raichur	27.2	50	4.5	20.8	5.9	44		
142231	Srivilliputhur	26.5		49	4.0	20.9	5.7	43				

National Trials- Br.02a- IET- G.hirsutum (Irrigated)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451014N	427	CCH 14-1	Central	Bhavanipatna	34.2	50	4.5	26.8	6.6	67	58	2
450179N				Junagadh	30.2	48	3.8	24.3	5.1	55		
451851N				Khandwa	27.8	47	2.6	23.3	5.7	52		
451111N				Rahuri	33.6	44	3.5	25.7	6.2	61		
450483N				Surat	31.4	46	3.0	26.3	6.0	61		
451448N				Talod	31.4	47	4.7	24.9	6.3	53		
450904N			North	Bhatinda	31.1	46	4.3	25.6	6.4	53	48	37
450671N				Faridkot	29.0	42	3.5	22.8	5.8	44		
450768N				Hissar	29.2	43	3.0	22.9	5.8	48		
451813N				SGNR	*	*	*	*	*	*		
452135N				Sirsa	26.6	51	4	21.8	5.7	47		
150179			South	Arbhavi	32.4	44	3.5	23.8	4.8	56	59	1
142012				Coimbatore	33.9	44	3.5	22.3	5.6	59		
				Lam	31.8	46	4.1	24.6		55		
451243N				Raichur	33.4	49	4.3	26.4	6.5	64		
142232	Srivilliputhur	31.9		45	2.6	23.1	5.4	60				
451015N	428	ARBH1402	Central	Bhavanipatna	31.0	53	4.9	24.1	6.5	59	47	46
450180N				Junagadh	26.2	50	4.4	20.3	4.4	42		
451852N				Khandwa	24.3	53	2.6	19.1	5.4	48		
451112N				Rahuri	28.1	49	4.4	21.4	5.9	46		
450484N				Surat	26.7	50	3.6	21.2	5.6	47		
451449N				Talod	25.7	51	4.4	19.9	5.8	41		
450905N			North	Bhatinda	27.6	51	4.5	22.2	6.0	48	41	98
450672N				Faridkot	25.3	48	3.9	20.2	5.5	39		
450769N				Hissar	25.1	50	3.1	20.8	5.3	45		
451814N				SGNR	*	*	*	*	*	*		
452136N				Sirsa	24.8	48	4.8	18.3	5.4	32		
150180			South	Arbhavi	28.1	49	4.5	20.3	5.0	44	45	62
142013				Coimbatore	29.0	46	4.4	21.0	6.0	44		
				Lam	26.8	50	3.7	20.4		46		
451244N				Raichur	28.0	50	4.9	21.4	5.8	45		
142233	Srivilliputhur	25.4		50	3.3	20.8	5.4	45				

National Trials- Br.02a- IET- G.hirsutum (Irrigated)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451016N	429	L 1060	Central	Bhavanipatna	30.5	48	5.1	24.8	6.3	50	47	46
450181N				Junagadh	26.5	53	5.4	22.6	4.3	44		
451853N				Khandwa	25.6	52	3.4	21.1	5.5	49		
451113N				Rahuri	29.4	48	4.1	22.6	5.9	50		
450485N				Surat	29.4	49	5.0	23.4	5.9	48		
451450N				Talod	26.9	52	5.1	21.9	6.0	44		
450906N			North	Bhatinda	28.7	50	4.9	23.4	5.9	48	40	104
450673N				Faridkot	26.7	49	5.4	22.1	5.8	38		
450770N				Hissar	25.8	50	4.7	22.0	5.6	40		
451815N				SGNR	*	*	*	*	*	*		
452137N				Sirsa	25.8	48	5.1	20.5	5.6	34		
150181			South	Arbhavi	28.6	49	4.5	21.6	5.0	47	47	46
142014				Coimbatore	28.8	47	5.0	19.7	5.5	41		
				Lam	28.4	49	4.0	21.7		49		
451245N				Raichur	29.3	51	5.5	23.1	5.7	48		
142234	Srivilliputhur	28.8		50	4.4	21.3	5.6	49				
451017N	430	RAH 1066	Central	Bhavanipatna	32.8	54	4.8	24.8	5.9	66	50	20
450182N				Junagadh	27.4	51	4.2	19.7	4.3	47		
451854N				Khandwa	25.1	48	2.4	19.3	5.1	45		
451114N				Rahuri	29.8	48	4.1	23.7	5.9	52		
450486N				Surat	29.2	47	3.8	22.4	5.7	50		
451451N				Talod	26.4	52	5.0	22.1	5.9	43		
450907N			North	Bhatinda	28.5	51	4.8	24.6	6.2	50	44	75
450674N				Faridkot	27.1	48	4.2	21.7	5.8	43		
450771N				Hissar	25.1	48	3.4	20.0	5.4	40		
451816N				SGNR	*	*	*	*	*	*		
452138N				Sirsa	25.7	50	3.6	19.7	5.8	44		
150182			South	Arbhavi	29.1	48	4.0	21.2	4.7	49	49	29
142015				Coimbatore	28.5	47	3.8	21.2	5.4	47		
				Lam	28.3	48	3.9	21.8		47		
451246N				Raichur	30.0	49	4.7	23.1	5.9	51		
142235	Srivilliputhur	28.2		46	2.6	22.6	5.4	51				

National Trials- Br.02a- IET- G.hirsutum (Irrigated)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451018N	431	PBH 13	Central	Bhavanipatna	31.5	48	4.9	24.6	6.4	53	44	75
450183N				Junagadh	27.4	49	3.9	21.1	4.8	46		
451855N				Khandwa	24.8	48	3.7	19.0	5.9	38		
451115N				Rahuri	28.2	45	3.6	20.3	5.8	43		
450487N				Surat	29.4	47	4.4	22.1	5.7	47		
451452N				Talod	26.6	47	4.2	19.9	5.8	39		
450908N			North	Bhatinda	29.0	47	4.2	21.8	5.8	47	44	75
450675N				Faridkot	26.6	48	4.6	20.7	5.7	39		
450772N				Hissar	28.4	47	4.1	22.5	5.6	46		
451817N				SGNR	27.0	49	4.2	20.0	5.0	43		
452139N				Sirsa	25.7	51	3.9	19.1	5.5	43		
150183			South	Arbhavi	27.6	48	4.3	20.2	5.2	43	45	62
142016				Coimbatore	27.1	46	4.4	19.5	5.9	37		
				Lam	27.3	48	3.8	20.4		45		
451247N				Raichur	30.9	49	3.9	23.4	5.9	57		
142236	Srivilliputhur	27.3		46	3.8	20.1	5.4	41				
451019N	432	LC	Central	Bhavanipatna	34.9	44	4.1	25.8	6.2	61	46	53
450184N				Junagadh	26.2	49	4.1	22.2	5.1	43		
451856N				Khandwa	22.9	48	2.9	17.3	5.4	35		
451116N				Rahuri	33.4	41	3.4	24.5	6.1	55		
450488N				Surat	26.1	51	5.0	20.7	5.6	40		
451453N				Talod	24.2	56	5.3	20.3	6.0	41		
450909N			North	Bhatinda	28.3	49	4.6	23.3	5.9	47	38	110
450676N				Faridkot	27.2	49	4.6	23.2	5.9	44		
450773N				Hissar	26.7	47	4.5	20.6	5.4	38		
451818N				SGNR	22.5	50	4.5	19.0	5.1	30		
452140N				Sirsa	23.4	50	4.5	18.3	5.7	32		
150184			South	Arbhavi	26.2	50	4.1	19.7	5.0	42	48	37
142017				Coimbatore	30.2	46	3.9	21.5	5.9	49		
				Lam	27.6	49	3.5	21.8		50		
451248N				Raichur	27.9	51	4.5	20.8	5.7	47		
142237	Srivilliputhur	28.3		47	2.9	21.8	5.4	51				

National Trials- Br.02a- IET- G.hirsutum (Irrigated)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451020N	433	RS 2767	Central	Bhavanipatna	30.3	50	5.0	24.9	6.6	53	46	53
450185N				Junagadh	26.9	50	3.9	22.7	5.0	48		
451857N				Khandwa	24.4	49	2.9	19.2	5.8	42		
451117N				Rahuri	29.0	45	3.5	22.8	6.1	48		
450489N				Surat	28.1	48	4.1	22.1	5.8	46		
451454N				Talod	26.1	49	4.2	20.2	5.9	41		
450910N			North	Bhatinda	27.8	50	4.2	24.0	6.1	50	41	98
450677N				Faridkot	27.7	50	4.5	24.0	5.8	48		
450774N				Hissar	26.1	49	4.6	20.2	5.5	39		
451819N				SGNR	26.0	46	4.6	16.5	4.8	31		
452141N				Sirsa	24.6	51	4.1	19.6	5.9	40		
150185			South	Arbhavi	28.2	49	3.5	20.6	5.7	50	50	20
142018				Coimbatore	29.6	46	3.6	21.6	5.6	49		
				Lam	27.5	48	3.9	22.4		46		
451249N				Raichur	28.7	50	4.0	22.1	6.2	51		
142238	Srivilliputhur	28.0		48	3.3	22.8	5.6	51				
451021N	434	SHAKTI SULTAN	Central	Bhavanipatna	29.8	51	4.9	25.1	6.7	54	49	29
450186N				Junagadh	26.7	52	3.9	21.5	5.4	49		
451858N				Khandwa	24.9	49	2.7	19.4	5.5	43		
451118N				Rahuri	29.4	45	3.4	22.9	5.9	50		
450490N				Surat	28.4	50	3.7	22.8	5.9	53		
451455N				Talod	27.0	51	4.8	21.2	6.2	44		
450911N			North	Bhatinda	27.8	51	4.1	24.2	6.3	52	41	98
450678N				Faridkot	27.3	51	4.7	23.7	6.1	47		
450775N				Hissar	25.6	45	3.9	20.2	5.3	35		
451820N				SGNR	25.0	52	4.9	17.5	4.6	37		
452142N				Sirsa	24.5	49	4.6	19.0	5.4	34		
150186			South	Arbhavi	27.8	48	3.8	20.7	5.7	46	45	62
142019				Coimbatore	27.8	47	3.8	20.9	5.8	45		
				Lam	27.1	50	4.3	20.9		44		
451250N				Raichur	28.6	50	4.7	21.9	6.3	48		
142239	Srivilliputhur	25.6		48	2.9	21.1	5.5	45				

National Trials- Br.02a- IET- G.hirsutum (Irrigated)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451022N	435	GJHV 510	Central	Bhavanipatna	30.4	50	5.2	25.1	6.5	52	44	75
450187N				Junagadh	25.3	51	4.5	22.8	5.0	42		
451859N				Khandwa	24.7	47	3.3	18.9	5.6	38		
451119N				Rahuri	27.4	50	4.1	22.1	5.9	47		
450491N				Surat	27.6	49	4.7	21.7	5.8	43		
451456N				Talod	26.0	50	4.2	20.1	6.0	42		
450912N			North	Bhatinda	28.1	52	4.5	24.4	6.3	52	42	91
450679N				Faridkot	26.5	48	4.0	22.5	5.6	43		
450776N				Hissar	24.2	50	4.0	19.5	5.4	38		
451821N				SGNR	*	*	*	*	*	*		
452143N				Sirsa	24.9	49	4.5	19.0	5.7	35		
150187			South	Arbhavi	28.7	49	4.2	19.8	5.3	47	44	75
142020				Coimbatore	28.2	47	4.5	23.0	6.2	44		
				Lam	25.3	50	4.2	19.4		39		
451251N				Raichur	28.4	51	4.7	22.1	5.9	49		
142240	Srivilliputhur	27.1		47	3.8	20.7	5.6	43				
451023N	436	BS 26	Central	Bhavanipatna	27.8	52	5.2	23.3	6.3	47	44	75
450188N				Junagadh	24.2	54	4.3	20.7	4.7	43		
451860N				Khandwa	25.0	48	2.9	20.2	5.6	43		
451120N				Rahuri	26.9	49	3.4	22.8	6.0	49		
450492N				Surat	26.8	52	4.2	21.8	5.8	48		
451457N				Talod	24.5	52	4.9	18.9	5.9	36		
450913N			North	Bhatinda	25.8	51	4.9	21.5	5.9	40	34	114
450680N				Faridkot	23.5	52	5.5	20.7	5.8	32		
450777N				Hissar	23.3	51	4.7	19.4	5.6	33		
451822N				SGNR	24.4	50	4.9	17.6	5.9	32		
452144N				Sirsa	23.0	51	4.5	17.8	6	32		
150188			South	Arbhavi	27.9	52	4.2	21.2	5.5	50	46	53
142021				Coimbatore	27.4	47	3.8	21.9	6.0	44		
				Lam	26.1	50	4.2	20.6		43		
451252N				Raichur	27.6	50	4.3	21.2	5.8	46		
142241	Srivilliputhur	24.3		49	2.8	21.8	5.3	44				



National Trials- Br.02a- IET- G.hirsutum (Irrigated)														
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries		
451024N	437	GTHV 13/37	Central	Bhavanipatna	31.8	50	5.3	24.8	6.6	55	48	37		
450189N				Junagadh	29.8	49	4.8	20.8	5.0	48				
451861N				Khandwa	24.6	48	3.3	18.6	5.5	39				
451121N				Rahuri	29.6	48	4.6	22.6	6.3	48				
450493N				Surat	29.9	49	4.9	22.8	5.6	49				
451458N				Talod	27.5	48	3.7	21.9	6.1	47				
450914N			North	Bhatinda	30.4	49	4.9	25.2	6.5	52	42	91		
450681N				Faridkot	27.5	47	4.6	22.3	5.5	41				
450778N				Hissar	25.8	49	4.2	20.1	5.3	40				
451823N				SGNR	26.6	50	4.7	19.2	6.7	40				
452145N				Sirsa	25.1	50	5	19.3	5.6	35				
150189			South	Arbhavi	28.6	48	4.3	19.7	5.0	45	47	46		
142022				Coimbatore	30.2	45	4.7	19.5	5.6	43				
				Lam	28.6	47	3.9	22.2		48				
451253N				Raichur	30.4	49	4.7	22.8	5.9	51				
142242	Srivilliputhur	28.4		48	3.9	21.0	5.5	47						
451025N	438	TSH 0533-1	Central	Bhavanipatna	30.8	49	4.8	23.9	6.3	53	47	46		
450190N				Junagadh	29.0	50	4.5	23.8	4.2	51				
451862N				Khandwa	26.1	47	3.1	20.5	5.6	44				
451122N				Rahuri	29.6	45	3.6	22.2	5.9	48				
450494N				Surat	28.9	46	4.4	21.6	5.6	44				
451459N				Talod	27.0	49	4.7	20.0	5.9	40				
450915N			North	Bhatinda	29.1	51	4.2	24.8	6.0	55	44	75		
450682N				Faridkot	27.5	47	4.1	22.6	5.6	44				
450779N				Hissar	25.5	49	4.5	20.1	5.3	38				
451824N				SGNR	27.0	51	4.2	20.7	5.9	46				
452146N				Sirsa	26.2	47	4.6	18.6	5.6	35				
150190			South	Arbhavi	28.2	49	4.3	18.1	5.3	44	49	29		
142023				Coimbatore	29.2	47	4.2	22.0	6.1	47				
				Lam	29.1	48	4.2	23.6		50				
451254N				Raichur	29.0	51	4.6	22.6	5.9	51				
142243				Srivilliputhur	29.2	47	2.9	23.7	5.4	55				
451123N				Phule-688	Central	Rahuri	27.7	52	3.5	23.6	6.2	55		

Bro2b – IET – G.hirsutum (Rainfed)

National Trials- Br.02b- IET- G.hirsutum (Rainfed)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451931N	451	GBHV 183	Central	Akola	26.5	52	3.5	20.0	5.5	49	48	26
450345N				Banswara	27.5	53	3.9	21.4	5.4	52		
450517N				Bharuch	28.4	49	4.2	22.8	5.9	49		
451542N				Indore	25.6	48	3.7	20.3	5.9	41		
451614N				Nagpur	27.8	47	3.0	22.8	5.9	50		
450291N				Nanded	27.8	49	3.9	22.1	5.7	47		
150224			South	Dharwad	28.2	46	4.1	20.6	4.8	43	49	18
142360				Perambalur	31.1	47	3.8	24	5.4	56		
451932N	452	CSH 2	Central	Akola	23.5	52	3.3	16.5	5.7	40	44	51
450346N				Banswara	24.8	50	4.2	19.6	5.5	38		
450518N				Bharuch	26.8	52	4.1	22.6	6.0	49		
451543N				Indore	26.0	52	3.6	21.3	6.2	49		
451615N				Nagpur	25.9	48	3.1	20.7	5.7	44		
450292N				Nanded	25.2	50	3.7	20.6	5.7	42		
150225			South	Dharwad	27.4	51	4.3	23.7	4.5	49	45	46
150226				Perambalur	27.4	48	4.8	21.6	5.4	41		
451933N	453	H 1472	Central	Akola	24.8	54	3.6	18.5	5.8	46	47	34
450347N				Banswara	26.9	48	3.7	20.4	5.4	44		
450519N				Bharuch	28.1	49	4.1	22.5	5.8	48		
451544N				Indore	25.8	53	3.3	21.2	5.9	51		
451616N				Nagpur	25.6	49	2.7	21.7	5.9	48		
450293N				Nanded	27.2	48	3.6	21.2	5.7	46		
150226			South	Dharwad	27.1	49	3.9	20.1	5.4	45	51	12
150227				Perambalur	31.3	47	3.6	23.2	5.4	57		
451934N	454	SCS 1061	Central	Akola	26.0	54	3.9	19.7	5.9	49	44	51
450348N				Banswara	25.8	52	4.7	19.4	5.4	41		
450520N				Bharuch	27.2	49	4.8	20.9	5.6	41		
451545N				Indore	24.6	51	3.9	20.0	6.3	41		
451617N				Nagpur	26.8	48	2.8	22.2	6.0	49		
450294N				Nanded	26.8	48	4.1	20.4	5.8	41		
150227			South	Dharwad	27.5	50	4.2	21.3	5.4	47	46	40
150228				Perambalur	30.2	46	4.8	22.1	5.4	46		
451935N	455	L 762	Central	Akola	25.6	49	4.0	16.7	5.6	38	43	56
450349N				Banswara	26.8	51	4.0	20.3	5.4	46		
450521N				Bharuch	27.8	47	3.9	21.3	5.5	45		
451546N				Indore	25.6	51	3.6	20.1	6.1	45		
451618N				Nagpur	27.0	45	2.9	20.8	5.6	44		
450295N				Nanded	26.1	46	3.6	19.5	5.6	38		
150228			South	Dharwad	26.7	45	4.6	20.1	4.9	35	40	59
150229				Perambalur	30.9	45	4.9	22.5	5.4	46		
451936N	456	CCH 14-3	Central	Akola	25.7	47	3.4	17.6	5.6	39	46	40
450350N				Banswara	27.4	49	4.0	21.5	5.5	46		
450522N				Bharuch	28.7	49	4.1	22.8	5.9	50		
451547N				Indore	25.1	50	3.9	20.3	6.1	41		
451619N				Nagpur	26.8	47	2.2	23.6	5.9	52		
450296N				Nanded	28.5	46	4.0	22.6	6.0	45		
150229			South	Dharwad	28.9	49	4.4	22.6	4.7	49	47	34
150230				Perambalur	30.6	46	5.0	22.3	5.5	46		

National Trials- Br.02b- IET- G.hirsutum (Rainfed)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451937N	457	GTHV 13/17	Central	Akola	24.0	53	3.9	19.0	6.4	42	43	56
450351N				Banswara	26.0	55	4.2	21.3	5.6	50		
450523N				Bharuch	26.0	51	4.9	22.2	6.1	42		
451548N				Indore	25.0	51	4.2	20.2	6.3	41		
451620N				Nagpur	26.0	49	3.5	22.4	6.1	46		
450297N				Nanded	25.1	51	4.6	20.7	6.2	40		
150230			South	Dharwad	26.1	54	4.3	24.9	5.1	51	48	26
150231				Perambalur	29.9	48	5.2	20.7	5.5	45		
451938N	458	AKH 08-3	Central	Akola	26.8	50	3.3	19.0	5.8	47	48	26
450352N				Banswara	27.1	51	4.2	20.7	5.5	47		
450524N				Bharuch	28.8	48	4.1	23.0	5.7	49		
451549N				Indore	27.1	50	3.6	21.7	5.9	49		
451621N				Nagpur	27.3	44	2.5	22.5	5.7	47		
450298N				Nanded	27.6	48	3.8	21.9	5.8	47		
150231			South	Dharwad	28.3	45	4.3	21.0	4.6	41	48	26
150232				Perambalur	33.8	46	4.8	22.1	5.7	55		
451939N	459	ARBH 1452	Central	Akola	26.0	49	4.5	16.5	5.4	36	44	51
450353N				Banswara	28.1	45	3.9	20.2	5.5	42		
450525N				Bharuch	28.1	48	3.3	22.9	5.8	51		
451550N				Indore	26.6	51	4.4	20.5	6.0	44		
451622N				Nagpur	26.8	48	2.5	22.8	5.9	51		
450299N				Nanded	26.4	48	4.0	20.3	5.8	41		
150232			South	Dharwad	27.9	50	4.4	19.9	5.2	46	45	46
150233				Perambalur	28.5	47	4.4	21.7	5.3	44		
451940N	460	NDLH 2015	Central	Akola	27.5	51	3.4	18.5	5.4	50	52	8
450354N				Banswara	30.1	47	3.4	23.3	5.5	54		
450526N				Bharuch	30.0	47	3.1	23.6	5.9	56		
451551N				Indore	28.7	48	3.7	21.2	5.9	49		
451623N				Nagpur	28.8	42	2.1	23.5	5.6	50		
450300N				Nanded	29.2	46	3.5	23.4	5.7	50		
150233			South	Dharwad	32.4	48	4.2	25.4	4.3	60	60	2
150234				Perambalur	35.7	43	3.9	23.6	5.5	61		
451941N	461	ZC	Central	Akola	26.0	50	2.6	17.5	6.2	48	48	26
450355N				Banswara	26.7	46	3.4	19.7	5.1	41		
450527N				Bharuch	28.2	50	3.7	22.1	5.9	51		
451552N				Indore	27.7	50	3.0	22.3	6.0	54		
451624N				Nagpur	26.9	45	2.6	21.4	5.7	46		
450301N				Nanded	27.1	48	3.4	22.4	5.8	48		
150234			South	Dharwad	29.9	48	4.3	22.6	5.2	50	53	5
150235				Perambalur	34.0	45	4.6	22.7	5.7	55		
451942N	462	CSH 1	Central	Akola	26.0	51	2.9	17.8	6.2	48	48	26
450356N				Banswara	26.0	50	3.3	20.1	5.3	46		
450528N				Bharuch	29.5	50	4.5	23.4	5.9	52		
451553N				Indore	26.8	49	3.8	20.0	6.2	44		
451625N				Nagpur	29.6	46	2.7	24.4	6.0	56		
450302N				Nanded	26.8	46	3.5	21.0	5.9	43		
150235			South	Dharwad	27.3	47	4.6	19.4	5.7	38	39	60
150236				Perambalur	29.0	46	4.9	19.7	5.8	40		
451943N	463	SCS 1207	Central	Akola	26.0	51	3.8	17.6	5.5	43	45	46
450357N				Banswara	27.4	47	3.8	20.1	5.4	43		

National Trials- Br.02b- IET- G.hirsutum (Rainfed)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
450529N				Bharuch	29.3	51	4.6	23.2	5.9	52	46	40
451554N				Indore	26.5	48	3.8	19.5	5.8	42		
451626N				Nagpur	28.1	43	2.6	22.1	5.8	47		
450303N				Nanded	27.0	49	4.5	20.6	6.0	42		
150236			South	Dharwad	28.9	49	4.3	20.1	5.0	47		
150237				Perambalur	30.5	47	5.3	21	5.4	44		
451944N	464	AKH 08-8	Central	Akola	27.6	52	3.0	20.0	5.5	55	50	15
450358N				Banswara	27.3	47	3.9	19.0	5.0	41		
450530N				Bharuch	29.5	51	4.5	22.5	5.5	53		
451555N				Indore	27.2	49	3.5	20.2	5.8	47		
451627N				Nagpur	28.5	47	2.3	23.6	5.7	56		
450304N				Nanded	27.4	48	3.5	21.1	5.6	46		
150237			South	Dharwad	28.4	49	3.8	23.8	5.1	51		
150238				Perambalur	32.6	45	4.5	20.2	5.5	50		
451945N			465	RAH 1066	Central	Akola	24.8	50	2.5	17.9	5.6	45
450359N	Banswara	28.2				45	3.7	20.0	5.3	43		
450531N	Bharuch	30.0				51	3.6	23.8	5.9	59		
451556N	Indore	26.9				48	4.2	20.2	5.9	41		
451628N	Nagpur	27.2				48	2.9	22.9	5.9	51		
450305N	Nanded	27.1				51	4.6	22.0	5.8	46		
150238	South	Dharwad			27.0	51	4.3	20.4	4.6	46		
150239		Perambalur			31.2	47	4.5	21.9	5.5	51		
451946N	466	CNH 61	Central	Akola	25.6	53	3.3	18.9	6.3	48	48	26
450360N				Banswara	24.7	49	4.5	18.7	5.4	34		
450532N				Bharuch	29.4	51	3.8	25.3	6.2	58		
451557N				Indore	26.4	52	4.0	21.3	6.4	48		
451629N				Nagpur	25.8	51	2.8	22.5	6.1	51		
450306N				Nanded	25.8	52	3.7	21.1	6.1	47		
150239			South	Dharwad	28.2	50	4.0	23.5	4.8	51		
150240				Perambalur	26.8	50	4.9	20.4	5.3	41		
451947N	467	L 770	Central	Akola	25.0	53	3.3	20.0	5.9	48	48	26
450361N				Banswara	27.5	48	4.1	19.7	5.5	43		
450533N				Bharuch	29.8	46	3.6	22.8	5.6	51		
451558N				Indore	25.7	50	3.2	20.6	5.9	46		
451630N				Nagpur	27.6	45	2.2	22.8	5.5	51		
450307N				Nanded	28.1	46	3.1	22.1	5.7	49		
150240			South	Dharwad	29.1	47	3.6	23.2	5.2	51		
150241				Perambalur	32.0	46	4.2	22.9	5.3	54		
451948N	468	CPD 1451	Central	Akola	25.5	53	3.4	18.0	5.5	47	50	15
450362N				Banswara	29.3	49	3.6	21.8	5.4	53		
450534N				Bharuch	27.3	52	3.6	23.0	5.7	53		
451559N				Indore	28.6	47	2.7	21.9	6.0	53		
451631N				Nagpur	28.4	43	2.6	21.4	5.6	47		
450308N				Nanded	28.1	44	3.2	21.4	5.6	45		
150241			South	Dharwad	29.5	47	3.6	22.4	4.9	51		
150242				Perambalur	29.5	47	4.9	20.1	5.5	43		
451949N	469	GBHV 188	Central	Akola	27.0	47	3.0	19.0	5.6	45	48	26
450363N				Banswara	26.6	47	3.5	20.6	5.5	43		
450535N				Bharuch	29.4	50	4.0	23.6	5.8	54		
451560N				Indore	27.2	49	3.3	21.5	6.2	49		

National Trials- Br.02b- IET- G.hirsutum (Rainfed)														
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries		
451632N				Nagpur	28.3	47	2.9	24.5	6.2	53	47	34		
450309N				Nanded	27.0	47	3.5	21.1	5.8	45				
150242			South	Dharwad	27.9	48	4.1	21.3	5.5	45				
150243				Perambalur	30.5	47	4.7	21.6	5.4	48				
451950N	470	NH 659	Central	Akola	27.9	49	3.3	20.5	5.2	50	49	18		
450364N				Banswara	27.1	50	3.8	19.1	5.1	46				
450536N				Bharuch	28.3	52	3.5	22.2	5.9	56				
451561N				Indore	26.5	50	3.0	21.2	6.1	50				
451633N				Nagpur	27.1	46	2.2	22.2	5.9	50				
450310N				Nanded	26.0	49	3.7	20.3	5.9	42				
150243			South	Dharwad	27.7	48	3.8	20.6	5.0	46	46	40		
150244				Perambalur	30.7	46	4.9	22	5.5	46				
451951N			471	CNH 7022	Central	Akola	26.6	50	3.4	18.0	5.7	46	49	18
450365N						Banswara	26.2	48	4.0	18.9	5.5	39		
450537N	Bharuch	29.5				51	4.0	25.2	6.6	57				
451562N	Indore	26.0				52	3.6	20.9	6.2	48				
451634N	Nagpur	27.3				49	2.9	25.4	6.5	54				
450311N	Nanded	27.0				50	3.7	22.6	6.1	49				
150244	South	Dharwad			29.1	47	4.0	22.0	5.1	48	49	18		
150245		Perambalur			31.8	46	4.5	21.5	5.7	51				
451952N	472	NDLH 2010	Central	Akola	31.9	48	2.9	17.5	5.4	58	51	12		
450366N				Banswara	27.8	49	3.9	20.9	5.5	47				
450538N				Bharuch	31.7	47	3.8	23.6	6.2	57				
451563N				Indore	29.2	45	3.4	21.8	5.8	48				
451635N				Nagpur	33.5	42	2.2	28.8	5.8	66				
450312N				Nanded	20.4	45	3.4	24.1	6.0	27				
150245			South	Dharwad	31.5	47	3.7	24.0	4.3	57	59	3		
150246				Perambalur	34.7	45	3.9	22	5.6	60				
451953N	473	CPD 1452	Central	Akola	25.5	53	3.2	28.9	5.4	57	48	26		
450367N				Banswara	26.6	48	3.7	19.9	5.5	43				
450539N				Bharuch	27.7	47	3.5	22.3	5.6	47				
451564N				Indore	24.5	50	3.3	20.0	6.0	42				
451636N				Nagpur	26.2	51	2.2	23.6	5.5	56				
450313N				Nanded	24.5	49	3.1	19.1	5.5	41				
150246			South	Dharwad	26.1	48	4.4	19.7	4.7	38	43	56		
150247				Perambalur	28.7	47	3.8	23.4	5.6	49				
451954N	474	BS 26	Central	Akola	24.5	53	3.1	18.5	5.8	46	43	56		
450368N				Banswara	25.6	48	4.6	18.6	5.3	35				
450540N				Bharuch	25.4	52	4.2	20.6	5.7	44				
451565N				Indore	23.5	52	3.4	19.2	5.9	41				
451637N				Nagpur	26.4	49	2.9	22.9	5.8	50				
450314N				Nanded	25.3	51	3.6	21.0	5.9	45				
150247			South	Dharwad	26.7	50	3.9	21.1	5.2	46	43	56		
150248				Perambalur	27.4	48	4.8	20.1	5.6	40				
451955N	475	LC	Central	Akola	28.0	49	3.4	19.0	5.9	49	45	46		
450369N				Banswara	25.9	45	3.5	18.7	5.0	37				
450541N				Bharuch	28.1	51	4.0	23.3	5.8	52				
451566N				Indore	25.7	48	3.3	19.7	5.7	42				
451638N				Nagpur	28.1	45	2.8	22.5	5.9	49				
450315N				Nanded	24.9	51	3.5	19.8	5.8	43				

National Trials- Br.02b- IET- G.hirsutum (Rainfed)														
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries		
150248			South	Dharwad	27.0	49	4.1	20.8	4.9	44	43	56		
150249				Perambalur	29.3	47	5.4	22.7	5.7	42				
451956N	476	ARBH 1451	Central	Akola	27.3	52	3.5	19.2	5.5	51	48	26		
450370N				Banswara	25.9	45	4.4	19.0	5.4	33				
450542N				Bharuch	28.2	50	3.8	22.8	5.8	52				
451567N				Indore	25.9	51	3.1	20.0	5.9	48				
451639N				Nagpur	27.4	48	2.7	24.7	6.0	53				
450316N				Nanded	27.8	49	3.5	22.4	5.7	50				
150249					South	Dharwad	28.5	51	3.7	24.4	4.6	55	53	5
150250						Perambalur	30.5	46	4.1	22.9	5.6	50		
451957N	477	IH 70-1	Central	Akola	25.2	51	3.6	19.0	5.8	43	44	51		
450371N				Banswara	25.6	49	4.2	19.7	5.5	39				
450543N				Bharuch	27.8	50	4.7	21.2	5.7	45				
451568N				Indore	25.7	50	3.6	19.5	5.9	43				
451640N				Nagpur	26.5	49	2.4	21.9	5.8	52				
450317N				Nanded	26.5	48	4.0	20.0	5.6	41				
150250					South	Dharwad	28.6	48	4.3	21.3	4.9	46	46	40
150251						Perambalur	27.8	48	4.0	22.3	5.5	46		
451958N	478	RAH 1003	Central	Akola	30.0	49	3.1	21.6	5.6	57	46	40		
450372N				Banswara	26.1	47	4.5	18.9	5.3	35				
450544N				Bharuch	27.8	50	4.6	22.2	5.8	46				
451569N				Indore	25.2	53	3.3	19.9	5.8	48				
451641N				Nagpur	25.6	50	2.2	20.4	5.5	51				
450318N				Nanded	25.6	49	3.7	19.1	5.9	40				
150251					South	Dharwad	29.2	48	4.3	20.5	5.3	47	45	46
150252						Perambalur	28.0	48	4.8	21.7	5.6	42		
451959N	479	CCH 14-4	Central	Akola	25.5	52	3.8	16.6	5.0	43	52	8		
450373N				Banswara	27.2	48	4.5	19.6	5.4	40				
450545N				Bharuch	32.7	50	3.5	24.2	6.6	66				
451570N				Indore	30.9	46	3.5	22.5	5.9	54				
451642N				Nagpur	30.4	42	2.7	23.2	5.8	51				
450319N				Nanded	30.7	44	3.1	26.6	6.1	56				
150252					South	Dharwad	32.4	48	3.6	22.5	5.1	60	61	1
150253						Perambalur	36.8	43	4.3	22.3	5.6	61		
451960N	480	BS 3	Central	Akola	28.9	48	3.0	19.5	5.1	52	53	5		
450374N				Banswara	28.5	45	3.6	20.5	5.3	44				
450546N				Bharuch	31.4	47	3.6	25.0	6.0	58				
451571N				Indore	29.5	49	3.1	23.2	5.8	57				
451643N				Nagpur	31.1	45	2.8	25.4	5.8	59				
450320N				Nanded	29.2	45	3.6	22.9	5.8	48				
150253					South	Dharwad	30.2	47	4.1	23.8	5.2	52	51	12
150254						Perambalur	31.8	45	4.3	22.8	5.5	51		

Br.05a-PHT-Intra hirsutum-Hybrid

National Trials- Br.05a- PHT- IntraHir-Hybrid												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
450080N	501	25D11	Central	Banswara	31.4	50	4.5	23.9	6.1	57	52	18
450191N				Junagadh	29.5	49	4.3	23.0	5.2	51		
450426N				Khandwa	26.9	48	3.7	20.9	5.6	44		
450583N				Surat	29.9	50	4.1	22.0	6.3	54		
150191				Arbhavi	30.6	47	3.6	23.8	5.3	55		
451026N				Bhavanipatna	33.5	48	4.5	26.6	6.6	62		
451124N				Rahuri	29.0	43	3.8	20.7	5.7	42		
451389N				Talod	30.1	50	4.5	23.2	5.9	53		
450916N			North	Bhatinda	30.3	49	4.6	24.8	6.3	53	45	72
450683N				Faridkot	30.0	44	4.7	24.1	5.9	44		
450780N				Hissar	29.6	45	4.8	24.2	5.7	44		
451688N				Sriganganagar	28.7	44	4.7	20.9	5.8	38		
142024			South	Coimbatore	31.3	45	3.8	23.8	6.0	53	46	65
				Lam	28.0	46	3.8	21.1		44		
451255N				Raichur	23.0	47	4.7	21.0	5.7	28		
142244				Srivilliputhur	30.3	47	3.2	24.3	5.7	57		
450081N	502	NCS 2324	Central	Banswara	27.9	51	4.9	22.3	5.7	46	47	56
450192N				Junagadh	26.8	49	4.7	22.4	4.5	42		
450427N				Khandwa	25.6	51	3.6	20.1	5.4	45		
450584N				Surat	29.1	48	4.7	21.6	5.8	46		
150192				Arbhavi	29.3	50	4.1	23.3	5.6	53		
451027N				Bhavanipatna	31.4	49	4.9	25.0	6.4	55		
451125N				Rahuri	28.7	48	4.2	22.0	6.1	47		
451390N				Talod	26.2	52	4.7	21.0	6.0	43		
450917N			North	Bhatinda	28.3	52	4.6	24.3	6.2	52	46	65
450684N				Faridkot	27.3	49	4.6	22.1	5.5	43		
450781N				Hissar	27.1	47	4.2	22.6	5.5	42		
451689N				Sriganganagar	*	*	*	*	*	*		
142025			South	Coimbatore	28.7	48	4.0	20.3	5.3	47	47	56
				Lam	26.2	50	4.2	21.0		43		
451256N				Raichur	29.1	51	4.9	22.2	6.0	49		
142245				Srivilliputhur	27.3	48	3.6	22.1	5.3	47		
450082N	503	DHH 1401	Central	Banswara	29.6	52	4.9	23.3	5.9	53	51	25
450193N				Junagadh	28.8	49	4.6	21.7	4.7	47		
450428N				Khandwa	25.5	48	3.7	19.5	5.5	40		
450585N				Surat	29.8	48	3.3	23.2	5.9	56		
150193				Arbhavi	29.5	49	3.9	21.2	5.0	52		
451028N				Bhavanipatna	33.3	49	4.9	26.9	6.6	61		
451126N				Rahuri	31.1	47	4.3	23.8	6.0	53		
451391N				Talod	27.7	52	4.9	22.3	6.1	47		
450918N			North	Bhatinda	30.4	51	4.5	25.8	5.9	58	50	32
450685N				Faridkot	28.4	47	3.5	22.4	5.6	49		
450782N				Hissar	25.0	50	3.5	21.5	5.5	44		
451690N				Sriganganagar	*	*	*	*	*	*		
142026			South	Coimbatore	29.1	47	4.2	22.5	5.2	47	48	46
				Lam	29.1	48	4.3	22.4		49		
451257N				Raichur	30.0	48	4.6	22.5	5.9	49		
142246				Srivilliputhur	28.2	47	3.7	21.4	5.6	47		

National Trials- Br.05a- PHT- Intrahir-Hybrid												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
450083N	504	MRC 7071	Central	Banswara	29.8	48	4.6	23.0	5.8	49	49	37
450194N				Junagadh	28.8	50	4.6	21.3	4.3	48		
450429N				Khandwa	25.8	50	3.5	20.4	5.5	45		
450586N				Surat	27.0	52	4.9	20.8	5.5	44		
150194				Arbhavi	30.3	48	4.0	23.2	4.6	53		
451029N				Bhavanipatna	31.2	50	4.5	25.9	6.5	58		
451127N				Rahuri	29.0	48	3.9	22.1	5.9	50		
451392N				Talod	25.9	53	4.6	20.6	6.0	44		
450919N			North	Bhatinda	27.4	52	4.6	21.9	5.4	48	40	91
450686N				Faridkot	25.7	49	4.5	21.0	5.3	39		
450783N				Hissar	26.0	50	4.8	21.5	5.6	40		
451691N				Sriganganagar	24.9	49	4.6	18.4	5.7	34		
142027			South	Coimbatore	27.1	48	4.0	21.4	5.1	44	46	65
				Lam	28.4	48	4.4	21.1		45		
451258N				Raichur	30.4	47	4.7	21.9	5.5	48		
142247				Srivilliputhur	28.5	48	3.9	21.6	5.6	48		
450084N	505	Ankur Suwarna	Central	Banswara	30.9	45	4.7	23.8	6.0	48	55	9
450195N				Junagadh	30.8	50	4.8	25.6	4.8	56		
450430N				Khandwa	29.4	48	4.2	21.9	5.6	49		
450587N				Surat	32.6	50	4.5	23.7	5.8	60		
150195				Arbhavi	32.1	48	4.6	24.7	4.3	56		
451030N				Bhavanipatna	34.6	51	5.1	28.2	6.6	67		
451128N				Rahuri	30.9	47	3.9	24.2	6.2	55		
451393N				Talod	31.0	49	5.0	23.7	6.1	52		
450920N			North	Bhatinda	32.2	52	4.9	26.2	5.8	62	55	9
450687N				Faridkot	31.2	49	5.2	25.3	6.1	53		
450784N				Hissar	30.6	51	4.9	25.2	5.9	56		
451692N				Sriganganagar	30.5	47	5.1	24.4	6.0	48		
142028			South	Coimbatore	31.2	47	4.4	23.7	6.4	53	55	9
				Lam	30.9	47	4.6	23.5		50		
451259N				Raichur	31.9	50	4.5	24.7	6.0	59		
142248				Srivilliputhur	30.8	48	3.9	24.6	5.8	56		
450085N	506	HSHH 32	Central	Banswara	27.1	51	4.6	21.3	5.8	45	45	72
450196N				Junagadh	26.2	50	4.3	22.0	4.7	43		
450431N				Khandwa	25.7	48	3.7	19.4	5.6	40		
450588N				Surat	28.0	48	5.0	21.0	6.0	41		
150196				Arbhavi	27.9	48	3.8	23.4	5.7	48		
451031N				Bhavanipatna	30.2	49	4.9	24.0	6.5	51		
451129N				Rahuri	28.1	49	3.9	22.2	6.3	49		
451394N				Talod	26.6	50	4.9	20.3	5.9	40		
450921N			North	Bhatinda	27.7	51	4.9	21.4	5.5	45	40	91
450688N				Faridkot	27.1	51	5.2	22.4	5.8	43		
450785N				Hissar	25.2	49	5.0	20.4	5.8	35		
451693N				Sriganganagar	24.8	51	4.9	20.1	6.2	37		
142029			South	Coimbatore	25.1	49	4.4	20.3	5.9	37	42	87
				Lam	25.8	50	4.3	20.6		42		
451260N				Raichur	29.1	49	5.0	19.8	5.8	44		
142249				Srivilliputhur	27.2	49	3.9	21.8	5.6	46		
450086N	507	TCHH 105171	Central	Banswara	26.9	51	4.9	21.5	6.0	43	48	46
450197N				Junagadh	27.4	51	4.2	23.9	5.2	50		



National Trials- Br.05a- PHT- Intrahir-Hybrid														
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries		
450432N				Khandwa	25.9	51	4.6	20.3	5.6	41				
450589N				Surat	27.7	52	3.9	23.0	6.2	53				
150197				Arbhavi	28.3	52	4.2	23.6	5.6	53				
451032N				Bhavanipatna	29.8	51	4.9	24.0	6.8	53				
451130N				Rahuri	27.4	53	4.9	22.0	6.6	48				
451395N				Talod	26.7	52	5.1	21.6	6.1	43				
450922N				North	Bhatinda	26.9	51	5.0	22.1	5.9			43	38
450689N			Faridkot		26.8	49	5.0	22.6	5.8	41				
450786N			Hissar		24.9	51	4.9	20.2	5.6	37				
451694N			Sriganganagar		23.7	50	5.1	18.6	6.0	30				
142030			South	Coimbatore	27.2	48	4.3	21	5.9	42	43	81		
				Lam	25.2	51	4.3	21.1		42				
451261N				Raichur	29.9	45	4.9	21.0	5.8	42				
142250				Srivilliputhur	27.6	48	3.9	22.5	5.8	46				
450087N			508	SHH 906	Central	Banswara	31.5	51	4.5	24.0	5.8	59	54	12
450198N						Junagadh	29.4	50	4.1	23.1	4.8	53		
450433N	Khandwa	27.0				47	4.1	20.8	5.6	41				
450590N	Surat	30.0				48	3.5	22.5	5.8	55				
150198	Arbhavi	31.1				50	3.9	23.7	5.1	59				
451033N	Bhavanipatna	33.2				51	4.7	26.1	6.1	64				
451131N	Rahuri	32.9				45	3.8	22.6	5.9	56				
451396N	Talod	28.8				49	4.8	22.0	6.0	46				
450923N	North	Bhatinda			28.8	49	4.0	23.8	5.7	51	52	18		
450690N		Faridkot			28.2	51	3.8	24.5	5.6	54				
450787N		Hissar			28.0	48	3.6	23.3	5.6	50				
451695N		Sriganganagar			*	*	*	*	*	*				
142031	South	Coimbatore			28.9	47	3.9	22.6	6.1	48	51	25		
		Lam			28.6	48	3.9	22.8		49				
451262N		Raichur			30.4	49	4.7	22.5	5.6	51				
142251		Srivilliputhur			29.5	50	3.7	23.7	5.6	56				
450088N	509	LAHH 25			Central	Banswara	33.9	42	4.9	22.6	6.0	49	60	1
450199N						Junagadh	33.1	48	4.1	24.1	5.1	61		
450434N						Khandwa	32.0	44	3.3	23.3	5.7	56		
450591N						Surat	34.9	47	3.5	24.2	5.8	67		
150199			Arbhavi	33.1		44	3.4	24.2	4.9	59				
451034N			Bhavanipatna	35.8		48	4.5	27.9	6.2	69				
451132N			Rahuri	33.9		44	3.8	22.9	6.0	58				
451397N			Talod	32.5		49	4.5	25.0	6.1	60				
450924N			North	Bhatinda	32.9	47	3.9	25.0	5.7	61	53	14		
450691N				Faridkot	31.2	44	3.5	25.5	5.6	54				
450788N				Hissar	29.5	41	3.4	21.8	5.5	43				
451696N				Sriganganagar	30.7	46	3.5	23.6	5.9	54				
142032			South	Coimbatore	25.6	44	3.9	22.2	5.8	35	52	18		
				Lam	31.6	44	3.7	23.1		53				
451263N				Raichur	32.9	50	4.8	25.0	5.9	61				
142252				Srivilliputhur	33.3	46	3.3	21.8	5.5	61				
450089N			510	FHH 248	Central	Banswara	29.2	49	3.9	22.9	5.8	52	51	25
450200N						Junagadh	27.3	49	4.2	21.8	4.9	45		
450435N						Khandwa	26.6	49	3.4	20.4	5.5	46		
450592N						Surat	30.1	50	4.1	23.0	6.0	55		

National Trials- Br.05a- PHT- Intrahir-Hybrid														
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries		
150200				Arbhavi	29.4	47	4.1	20.8	5.1	47				
451035N				Bhavanipatna	30.5	50	4.2	26.6	6.4	59				
451133N				Rahuri	28.7	51	3.7	21.9	6.0	54				
451398N				Talod	27.9	52	4.5	23.3	6.0	51				
450925N					North	Bhatinda	28.8	51	4.7	23.0	5.8	50	47	56
450692N						Faridkot	28.9	50	4.7	24.1	5.6	50		
450789N						Hissar	28.3	49	4.7	23.2	5.7	46		
451697N						Sriganganagar	26.5	49	4.6	20.3	5.8	40		
142033					South	Coimbatore	27.1	48	3.8	21.4	5.7	45	48	46
451264N						Lam	27.9	49	4.1	21.8		47		
142253						Raichur	28.9	49	4.5	22.2	5.8	48		
450090N						Srivilliputhur	29.0	48	4.0	23.3	5.8	50		
450090N			511	RHH 1112	Central	Banswara	29.8	49	4.7	23.3	6.1	50	53	14
450201N						Junagadh	27.6	52	4.4	21.6	5.1	49		
450436N	Khandwa	28.0				49	3.8	21.4	5.8	48				
450593N	Surat	29.4				50	4.8	21.7	5.9	49				
150201	Arbhavi	30.9				50	3.8	25.8	5.2	61				
451036N	Bhavanipatna	33.1				50	4.7	26.4	6.5	63				
451134N	Rahuri	29.7				46	3.8	22.0	6.0	49				
451399N	Talod	28.2			54	4.9	22.2	6.3	51					
450926N	North	Bhatinda			29.8	48	4.5	23.4	6.0	50	46	65		
450693N		Faridkot			28.4	50	5.1	23.4	5.7	46				
450790N		Hissar			27.3	50	4.7	22.1	5.6	44				
451698N	South	Sriganganagar			24.2	53	4.0	23.6	5.9	45	49	37		
142034		Coimbatore			28.2	47	4.3	22.2	5.8	44				
451265N		Lam			28.3	48	4.0	21.5		47				
142254		Raichur	30.8	49	4.0	23.9	6.0	57						
450091N	512	DHH 1402	Central	Banswara	26.6	50	5.0	21.2	5.7	40	45	72		
450202N				Junagadh	27.9	51	4.8	21.4	4.5	46				
450437N				Khandwa	26.6	48	3.9	20.5	5.7	42				
450594N				Surat	27.6	52	4.5	20.6	5.7	48				
150202				Arbhavi	26.8	51	4.6	19.8	5.9	43				
451037N				Bhavanipatna	30.9	48	4.9	24.3	6.1	51				
451135N				Rahuri	28.3	50	4.0	22.4	6.0	51				
451400N			Talod	25.2	52	5.1	20.4	6.1	38					
450927N			North	Bhatinda	26.9	51	5.1	21.3	5.6	42	38	97		
450694N				Faridkot	27.3	50	4.7	23.1	5.9	45				
450791N				Hissar	24.8	46	4.3	19.5	5.5	32				
451699N			South	Sriganganagar	24.9	50	5.0	18.8	6.0	34	39	94		
142035				Coimbatore	25.3	49	4.5	19.5	5.7	37				
451266N				Lam	26.1	48	4.5	19.4		37				
142255	Raichur	28.0		50	5.0	21.0	5.9	44						
450092N	513	CSHG 2091	Central	Banswara	28.0	51	4.7	22.2	5.9	48	48	46		
450203N				Junagadh	26.3	51	4.2	20.1	4.3	44				
450438N				Khandwa	26.0	51	3.4	21.3	5.7	48				
450595N				Surat	28.5	51	4.9	21.9	6.0	48				
150203				Arbhavi	28.6	47	3.8	22.6	5.6	48				
451038N				Bhavanipatna	31.0	51	4.6	25.3	6.8	58				

National Trials- Br.05a- PHT- IntraHir-Hybrid														
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries		
451136N				Rahuri	27.9	49	3.6	22.4	6.1	50				
451401N				Talod	26.6	51	5.1	22.6	6.2	42				
450928N			North	Bhatinda	27.1	51	4.6	21.4	5.7	45	47	56		
450695N				Faridkot	28.1	50	4.6	23.9	5.7	48				
450792N				Hissar	27.7	51	4.9	23.5	5.6	47				
451700N				Sriganganagar	29.2	48	4.5	23.3	5.9	48				
142036			South	Coimbatore	29.0	47	4.2	22.3	5.0	47	48	46		
				Lam	26.5	50	4.0	20.7		45				
451267N				Raichur	29.3	50	4.5	22.7	5.7	51				
142256				Srivilliputhur	28.1	48	3.7	21.9	5.6	48				
450093N			514	NCS 5657	Central	Banswara	32.3	51	4.5	24.6	6.1	62	56	5
450204N						Junagadh	31.7	52	4.6	25.8	4.7	62		
450439N						Khandwa	29.1	45	4.2	22.0	5.6	44		
450596N						Surat	32.9	50	5.1	23.5	6.0	58		
150204	Arbhavi	30.2				48	4.7	20.6	4.5	48				
451039N	Bhavanipatna	35.5				51	5.0	27.9	6.5	70				
451137N	Rahuri	33.0				43	4.4	23.4	5.8	51				
451402N	Talod	31.8				47	5.4	24.3	6.2	50				
450929N	North	Bhatinda			31.4	50	5.1	24.7	5.9	55	48	46		
450696N		Faridkot			29.7	46	5.3	24.4	5.9	44				
450793N		Hissar			30.3	47	4.9	25.1	5.6	49				
451701N		Sriganganagar			30.8	45	5.4	23.2	6.1	44				
142037	South	Coimbatore			33.0	45	4.6	22.1	5.7	52	51	25		
		Lam			31.5	47	4.4	23.4		53				
451268N		Raichur			31.7	48	5.1	23.9	5.9	52				
142257		Srivilliputhur			31.9	46	5.1	21.6	5.6	48				
450094N	515	ZC			Central	Banswara	31.8	45	4.5	23.1	5.8	51	57	2
450205N						Junagadh	31.1	47	4.7	22.6	4.8	50		
450597N						Khandwa	*	*	*	*	*	*		
150205						Surat	32.5	46	3.7	22.7	5.9	57		
451040N						Arbhavi	32.6	47	3.3	24.4	4.9	62		
451138N						Bhavanipatna	35.6	50	4.6	28.7	6.7	71		
451403N						Rahuri	32.1	45	4.8	23.4	6.1	50		
450930N						Talod	32.2	48	5.1	24.7	6.1	54		
450697N			North	Bhatinda	29.2	49	4.7	23.4	5.7	49	44	76		
450794N				Faridkot	28.0	46	4.6	22.7	5.6	41				
451702N				Hissar	26.9	51	4.5	22.9	6.0	46				
142038				Sriganganagar	27.2	47	4.3	20.6	5.6	41				
			South	Coimbatore	33.6	44	4.4	20.3	5.6	52	56	5		
451269N				Lam	30.4	46	4.1	23.3		51				
142258				Raichur	33.5	51	4.8	24.8	5.9	63				
450095N				Srivilliputhur	32.4	45	3.5	23.8	5.4	57				
450206N			516	SHH 902	Central	Banswara	33.1	50	5.5	24.5	6.3	57	53	14
450440N						Junagadh	29.2	50	4.7	24.3	4.6	51		
450598N						Khandwa	26.6	51	4.1	21.4	5.6	46		
150206						Surat	29.1	48	4.0	21.4	5.8	49		
451041N						Arbhavi	29.8	49	4.2	23.7	5.3	53		
451139N						Bhavanipatna	33.3	53	4.8	27.5	6.6	68		
451404N						Rahuri	30.6	48	4.4	24.5	6.2	53		
450931N						Talod	28.5	50	4.9	23.3	6.2	47		

National Trials- Br.05a- PHT- Intrahir-Hybrid														
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries		
450698N			North	Bhatinda	29.7	50	4.7	23.4	6.0	52	49	37		
450795N				Faridkot	29.1	49	4.9	24.7	6.0	49				
451703N				Hissar	27.2	52	4.6	22.5	5.8	48				
142039				Sriganganagar	*	*	*	*	*	*				
451270N			South	Coimbatore	29.1	46	4.1	21.3	5.6	46	48	46		
142259				Lam	28.3	48	4.4	21.3	45					
450096N				Raichur	30.1	51	4.5	23.3	5.8	55				
				Srivilliputhur	29.3	48	4.5	21.4	5.7	47				
450207N			517	GSGHH 623	Central	Banswara	29.9	53	4.5	25.1	5.9	59	51	25
450441N						Junagadh	27.0	53	4.5	23.0	4.5	50		
450599N						Khandwa	24.8	49	3.8	19.6	5.4	39		
150207						Surat	27.9	50	3.8	21.6	6.0	50		
451042N	Arbhavi	29.6				49	4.2	25.4	5.0	54				
451140N	Bhavanipatna	32.5				51	4.9	28.2	6.6	63				
451405N	Rahuri	28.2				48	4.0	23.8	5.9	49				
450932N	Talod	26.6				51	4.9	22.6	6.2	43				
450699N	North	Bhatinda			28.3	48	4.9	22.7	6.0	44	46	65		
450796N		Faridkot			27.4	50	4.6	22.9	5.7	46				
451704N		Hissar			28.8	49	4.3	22.6	5.8	49				
142040		Sriganganagar			28.3	48	4.4	22.3	5.7	46				
451271N	South	Coimbatore			27.8	47	4.4	21	5.5	42	45	72		
142260		Lam			26.8	51	4.6	21.1	44					
450097N		Raichur			29.3	50	4.9	23.1	5.7	49				
		Srivilliputhur			27.7	46	3.8	22.6	5.6	44				
450208N	518	ARBHH1401			Central	Banswara	27.1	51	4.5	20.9	5.3	45	47	56
450442N						Junagadh	26.9	51	4.2	20.0	4.5	45		
450600N						Khandwa	25.2	49	3.5	18.9	5.2	41		
150208						Surat	27.8	51	4.5	20.5	5.6	47		
451043N						Arbhavi	28.2	51	3.7	22.8	5.6	53		
451141N						Bhavanipatna	29.5	49	5.0	23.6	6.3	48		
451406N						Rahuri	27.1	48	3.0	22.8	6.1	50		
450933N						Talod	26.4	52	4.9	20.9	6.0	43		
450700N			North	Bhatinda	28.5	47	4.7	22.1	5.8	43	38	97		
450797N				Faridkot	26.2	49	4.5	21.3	5.6	40				
451705N				Hissar	25.6	49	4.5	20.9	5.5	39				
142041				Sriganganagar	23.6	48	4.5	17.4	5.5	29				
451272N			South	Coimbatore	26.6	47	4.2	21.5	5.3	40	43	81		
142261				Lam	27.2	48	4.1	20.5	43					
450098N				Raichur	28.0	49	4.2	20.8	5.8	46				
				Srivilliputhur	26.1	47	3.5	21.1	5.5	42				
450209N			519	Ronak 202	Central	Banswara	29.5	50	4.7	22.5	5.8	50	50	32
450443N						Junagadh	29.3	49	4.3	20.8	4.6	49		
450601N						Khandwa	26.2	49	3.0	20.5	5.4	47		
150209						Surat	30.7	47	4.2	21.7	5.8	51		
451044N						Arbhavi	30.3	47	4.0	21.3	5.2	51		
451142N						Bhavanipatna	33.3	49	4.7	25.8	6.3	61		
451407N						Rahuri	29.8	46	4.0	23.5	5.9	50		
450934N						Talod	28.0	48	4.9	21.2	6.1	42		
450701N	North	Bhatinda			29.7	48	4.7	23.7	6.0	49	43	81		
450798N		Faridkot			27.3	46	4.5	22.2	5.5	40				

National Trials- Br.05a- PHT- Intrahir-Hybrid												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451706N				Hissar	27.4	47	3.9	21.5	5.6	44	48	46
142042				Sriganganagar	26.8	48	4.5	20.2	5.7	40		
			South	Coimbatore	27.5	47	4.1	20.8	4.6	42		
451273N				Lam	28.6	47	3.8	22.1		48		
142262				Raichur	29.9	48	4.9	21.9	5.8	47		
450099N				Srivilliputhur	30.0	47	3.3	23.2	5.5	55		
450210N	520	GJHH 2	Central	Banswara	29.7	51	5.3	22.7	5.8	49	49	37
450444N				Junagadh	28.0	51	5.2	22.4	4.6	45		
450602N				Khandwa	24.8	52	4.1	20.0	5.6	42		
150210				Surat	27.8	50	4.6	20.5	5.7	45		
451045N				Arbhavi	29.9	49	3.9	24.0	5.3	55		
451143N				Bhavanipatna	32.3	52	5.4	25.9	6.3	60		
451408N				Rahuri	27.4	50	4.7	22.0	6.0	44		
450935N				Talod	28.3	50	4.7	23.1	6.2	48		
450702N			North	Bhatinda	27.2	51	5.1	22.8	6.0	44	44	76
450799N				Faridkot	26.0	49	4.0	21.8	5.7	43		
451707N				Hissar	29.9	47	4.7	20.2	5.7	45		
142043				Sriganganagar	*	*	*	*	*	*		
			South	Coimbatore	27.8	47	4.7	18.3	5.2	38	44	76
451274N				Lam	25.5	56	4.6	20.2		47		
142263	Raichur	27.6		50	4.7	20.5	5.6	44				
450100N	Srivilliputhur	28.5		47	4.2	23	5.6	46				
450211N	521	FHH 261	Central	Banswara	29.5	49	3.7	23.5	5.7	55	55	9
450445N				Junagadh	28.9	51	3.6	24.3	4.8	57		
450603N				Khandwa	28.1	48	3.5	21.1	5.5	49		
150211				Surat	28.8	50	4.1	21.3	5.7	50		
451046N				Arbhavi	29.8	50	3.9	23.6	5.6	56		
451144N				Bhavanipatna	32.7	50	4.2	25.2	6.3	63		
451409N				Rahuri	30.0	50	3.6	25.2	6.0	59		
450936N				Talod	28.8	50	4.7	22.6	6.1	49		
450703N			North	Bhatinda	29.6	48	4.0	24.4	5.9	53	47	56
450800N				Faridkot	28.5	48	4.4	22.7	5.7	46		
451708N				Hissar	29.3	47	4.4	24.4	6.0	48		
142044				Sriganganagar	28.0	45	4.5	20.3	5.7	39		
			South	Coimbatore	28.6	47	3.5	22.9	6.1	50	51	25
451275N				Lam	27.7	50	3.9	22.0		49		
142264	Raichur	29.7		49	3.8	23.5	6.1	55				
450101N	Srivilliputhur	30.1		47	3.7	22.8	5.5	53				
450212N	522	ARBHH1402	Central	Banswara	29.2	47	4.3	21.7	5.6	47	48	46
450446N				Junagadh	28.4	50	3.9	23.8	4.5	52		
450604N				Khandwa	26.6	49	3.7	19.8	5.3	44		
150212				Surat	29.9	45	4.3	21.1	5.6	45		
451047N				Arbhavi	28.9	46	3.6	22.0	5.5	48		
451145N				Bhavanipatna	32.5	51	5.0	25.4	6.6	60		
451410N				Rahuri	28.0	46	4.0	21.4	5.6	43		
450937N				Talod	28.9	49	4.5	22.3	5.9	48		
450704N			North	Bhatinda	30.7	49	4.7	24.7	6.1	54	49	37
450801N				Faridkot	28.0	48	3.8	23.4	5.6	49		
451709N				Hissar	27.4	49	4.2	21.0	5.3	45		
142045				Sriganganagar	*	*	*	*	*	*		

National Trials- Br.05a- PHT- IntraHir-Hybrid														
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries		
451276N			South	Coimbatore	29	47	4.4	23.5	6.0	47	46	65		
142265				Lam	27.7	49	4.6	20.9		43				
450102N				Raichur	28.9	48	4.8	22.0	5.4	45				
450213N				Srivilliputhur	27.7	48	3.0	22.2	5.6	51				
450447N	523	GTHH 215	Central	Banswara	25.6	52	5.3	21.4	6.1	39	40	91		
450605N				Junagadh	26.0	52	5.0	19.0	4.5	40				
150213				Khandwa	23.2	51	4.7	18.8	5.5	33				
451048N				Surat	25.1	51	5.2	19.2	6.0	35				
451146N				Arbhavi	27.4	50	4.6	22.5	5.8	45				
451411N				Bhavanipatna	29.7	50	5.4	23.9	6.5	49				
450938N				Rahuri	25.4	51	4.5	21.7	6.4	42				
450705N				Talod	23.9	53	5.4	19.1	6.1	34				
450802N			North	Bhatinda	26.8	50	5.4	20.0	5.8	38	34	99		
451710N				Faridkot	24.1	52	5.0	19.9	5.8	36				
142046				Hissar	23.3	53	5.4	18.7	5.7	32				
451277N					South	Sriganganagar	22.5	50	4.1	16.9	5.9	31	38	97
142266						Coimbatore	25.2	49	4.9	21	5.9	36		
450103N						Lam	25.2	51	4.9	19.7		38		
450214N						Raichur	26.0	53	5.4	21.5	5.8	41		
450448N			524	LAHH 26	Central	Srivilliputhur	24.0	49	4.6	22.6	5.6	35	52	18
450606N	Banswara	30.3				46	4.8	22.5	5.9	46				
150214	Junagadh	31.3				48	4.4	23.7	4.6	54				
451049N	Khandwa	29.3				44	3.8	21.1	5.6	44				
451147N	Surat	31.3				44	5.4	21.0	5.8	42				
451412N	Arbhavi	33.1				43	3.7	22.9	4.6	55				
450939N	Bhavanipatna	36.4				48	4.1	27.3	6.4	72				
450706N	Rahuri	31.2				44	3.9	24.0	6.1	51				
450803N	North	Talod			31.3	49	4.9	24.3	6.1	54	47	56		
451711N		Bhatinda			34.2	47	4.1	26.3	6.1	64				
142047		Faridkot			29.9	46	4.0	23.5	5.8	50				
451278N		Hissar			29.9	44	3.6	25.4	5.7	50				
142267					South	Sriganganagar	22.7	44	4.5	20.0	5.9	23	56	5
450104N						Coimbatore	33.3	46	3.8	21.9	5.7	58		
450215N						Lam	31.2	45	4.3	22.2		50		
450449N						Raichur	32.3	48	4.9	24.3	5.9	55		
450607N	525	HSHH 33	Central	Srivilliputhur	33.9	45	3.7	23.2	5.6	60	47	56		
150215				Banswara	27.8	52	4.1	23.1	5.8	52				
451050N				Junagadh	26.2	51	5.0	21.0	4.3	41				
451148N				Khandwa	26.7	50	4.0	21.3	5.8	46				
451413N				Surat	28.0	48	4.4	20.2	5.7	43				
450940N				Arbhavi	28.8	51	3.9	23.4	5.6	55				
450707N				Bhavanipatna	30.2	51	4.9	24.2	6.6	54				
450804N				Rahuri	27.5	49	4.0	22.9	6.1	47				
451712N			North	Talod	26.0	52	5.1	19.8	5.6	40	42	87		
142048				Bhatinda	29.2	50	4.9	23.2	6.0	49				
451279N				Faridkot	26.4	49	5.0	21.7	5.5	39				
				Hissar	27.2	49	4.9	22.3	5.7	42				
			South	Sriganganagar	26.1	49	4.8	19.4	5.7	37	43	81		
				Coimbatore	27.5	49	4.6	20.7	5.5	43				
						Lam	26.4	49	4.4	20.5		41		

National Trials- Br.05a- PHT- Intrahir-Hybrid												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
142268				Raichur	26.9	51	4.9	21.6	5.8	43		
450105N				Srivilliputhur	26.6	48	3.6	21.8	5.3	45		
450216N	526	RAHH 922	Central	Banswara	29.6	43	4.1	20.6	5.2	42	56	5
450450N				Junagadh	33.1	47	4.0	23.7	4.6	60		
450608N				Khandwa	27.8	47	3.5	20.9	5.9	46		
150216				Surat	32.0	47	3.8	22.3	5.7	57		
451051N				Arbhavi	32.4	49	3.6	24.6	5.2	63		
451149N				Bhavanipatna	35.3	50	4.6	25.6	6.3	68		
451414N				Rahuri	32.5	46	3.8	26.1	6.2	60		
450941N				Talod	32.1	48	4.6	24.9	6.4	57		
450708N				North	Bhatinda	31.7	46	3.9	25.2	5.9		
450805N			Faridkot		30.3	43	3.6	26.3	5.7	51		
451713N			Hissar		29.6	45	3.8	24.6	5.6	49		
142049			Sriganganagar		28.5	45	3.9	21.0	5.8	43		
			South	Coimbatore	30.8	46	4.1	21.7	5.7	50	55	9
451280N				Lam	30.9	47	4.2	23.1		52		
142269				Raichur	33.0	48	4.5	24.4	6.1	59		
450106N				Srivilliputhur	33.2	46	3.6	23.9	5.4	61		
450217N	527	LC	Central	Banswara	26.2	50	4.7	21.7	6.0	41	51	25
450609N				Junagadh	29.1	51	4.6	22.8	4.7	51		
150217				Khandwa	*	*	*	*	*	*		
451052N				Surat	28.5	49	3.8	21.4	5.7	50		
451150N				Arbhavi	30.2	50	4.0	22.5	5.5	55		
451415N				Bhavanipatna	36.0	48	4.5	26.1	6.4	68		
450942N				Rahuri	25.3	53	5.0	20.6	6.2	41		
450709N				Talod	28.9	51	4.9	23.5	6.3	50		
450806N			North	Bhatinda	28.1	51	5.1	23.6	6.0	47	42	87
451714N				Faridkot	28.6	48	4.5	23.7	5.7	47		
142050				Hissar	27.1	49	4.5	21.9	5.4	43		
				Sriganganagar	24.5	49	4.9	18.0	5.5	31		
451281N			South	Coimbatore	31.2	47	4.4	22.7	5.7	52	51	25
142270				Lam	28.4	49	4.3	21.7		47		
450107N				Raichur	30.9	48	4.5	23.4	5.9	53		
450218N				Srivilliputhur	30.1	47	3.6	23.2	5.4	53		
450451N	528	HHH 495	Central	Banswara	26.9	52	4.7	22.6	6.1	47	49	37
450610N				Junagadh	26.9	53	4.2	22.1	4.9	50		
150218				Khandwa	24.7	52	3.9	19.6	5.5	42		
451053N				Surat	28.8	50	4.1	21.8	6.1	51		
451151N				Arbhavi	28.4	50	4.0	23.2	5.8	51		
451416N				Bhavanipatna	30.0	50	4.6	24.0	6.5	53		
450943N				Rahuri	27.3	50	3.8	22.4	6.2	49		
450710N				Talod	25.7	54	4.7	20.7	6.0	45		
450807N			North	Bhatinda	27.1	54	5.0	23.6	5.9	49	42	87
451715N				Faridkot	25.0	50	4.1	21.2	5.6	41		
142051				Hissar	26.5	49	5.0	21.6	5.7	39		
				Sriganganagar	26.2	48	4.1	19.9	5.8	40		
451282N			South	Coimbatore	26.9	48	4.5	20.7	6.1	40	43	81
142271				Lam	26.2	52	4.1	20.8		45		
450108N				Raichur	29.3	46	5.0	21.9	5.8	42		
450219N				Srivilliputhur	27.3	48	4.1	20.8	5.4	43		

National Trials- Br.05a- PHT- Intrahir-Hybrid												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
450452N	529	RAHH 909	Central	Banswara	28.1	49	4.5	21.9	5.8	46	51	25
450611N				Junagadh	28.2	52	4.6	21.8	4.8	50		
150219				Khandwa	26.0	50	3.9	21.3	5.6	44		
451054N				Surat	30.6	48	4.7	21.3	6.0	49		
451152N				Arbhavi	29.7	50	4.2	20.7	5.0	52		
451417N				Bhavanipatna	30.8	52	5.0	26.1	6.6	58		
450944N				Rahuri	29.8	47	3.9	23.8	6.2	52		
450711N				Talod	29.3	52	4.9	25.7	6.7	54		
450808N			North	Bhatinda	31.6	52	4.7	26.4	6.3	62	48	46
451716N				Faridkot	27.9	48	4.6	23.7	5.7	45		
142052				Hissar	26.7	49	4.1	22.4	5.9	44		
				Sriganganagar	27.9	49	4.9	21.3	5.8	43		
451283N			South	Coimbatore	28.6	47	4.3	20.7	5.8	44	45	72
142272				Lam	28.2	49	4.1	21.6		48		
450109N				Raichur	27.8	49	4.5	21.3	5.6	45		
450220N				Srivilliputhur	27.8	47	4.6	22	5.4	42		
450453N	530	GSHH 2759	Central	Banswara	29.1	46	4.7	21.8	5.7	43	51	25
450612N				Junagadh	28.0	53	4.3	23.8	4.6	54		
150220				Khandwa	26.8	47	3.5	20.3	5.3	43		
451055N				Surat	30.6	51	3.9	22.6	6.0	59		
451153N				Arbhavi	29.7	49	3.5	23.3	5.4	56		
451418N				Bhavanipatna	32.3	50	4.7	25.6	6.3	60		
450945N				Rahuri	28.5	46	3.8	23.2	6.0	47		
450712N				Talod	28.7	51	4.9	21.9	5.8	48		
450809N			North	Bhatinda	31.6	48	4.7	24.7	5.8	55	43	81
451717N				Faridkot	28.4	46	4.7	22.2	5.3	42		
142053				Hissar	27.4	49	4.9	21.4	5.6	42		
				Sriganganagar	25.2	49	5.0	18.2	5.7	33		
451284N			South	Coimbatore	29.1	48	3.9	20.9	5.8	49	45	72
142273				Lam	27.4	47	3.7	20.3		44		
450110N				Raichur	28.7	45	4.8	21.4	5.7	40		
450221N				Srivilliputhur	27.0	47	3.0	21.8	5.4	47		
450454N	531	Ronak 101	Central	Banswara	28.7	50	4.2	22.8	5.8	51	50	32
450613N				Junagadh	28.7	50	4.2	21.9	4.5	50		
150221				Khandwa	26.2	49	3.1	20.4	5.5	46		
451056N				Surat	28.5	49	3.9	21.3	5.8	49		
451154N				Arbhavi	29.9	48	4.1	21.1	5.2	50		
451419N				Bhavanipatna	27.9	52	4.7	23.9	6.4	50		
450946N				Rahuri	29.2	49	4.3	22.2	6.0	50		
450713N				Talod	30.7	49	4.7	22.4	5.9	52		
450810N			North	Bhatinda	26.6	50	4.9	21.9	5.7	41	39	94
451718N				Faridkot	26.3	47	4.2	21.8	5.6	40		
142054				Hissar	27.1	47	5.0	20.8	5.6	37		
				Sriganganagar						*.17		
451285N			South	Coimbatore	30.0	47	4.2	22.3	6.4	50	46	65
142274				Lam	27.9	48	3.9	21.4		46		
450111N				Raichur	28.1	50	4.9	21.3	5.5	45		
450222N				Srivilliputhur	27.4	46	3.9	21.2	5.3	42		
450455N	532	GJHH 4	Central	Banswara	26.2	52	5.1	20.8	5.6	41	48	46
450614N				Junagadh	26.4	52	4.9	22.4	5.2	44		



National Trials- Br.05a- PHT- IntraHir-Hybrid														
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries		
150222				Khandwa	26.7	50	4.7	21.8	6.0	43				
451057N				Surat	27.0	50	4.1	20.4	5.7	45				
451155N				Arbhavi	30.0	49	4.1	22.6	5.4	53				
451420N				Bhavanipatna	32.6	51	5.0	25.8	6.4	61				
450947N				Rahuri	30.9	45	3.6	25.8	6.4	55				
450714N				Talod	27.3	51	4.9	21.1	6.3	44				
450811N			North	Bhatinda	28.5	51	4.9	26.2	6.5	51	43	81		
451719N				Faridkot	24.8	51	4.5	21.8	5.8	40				
142055				Hissar	27.2	48	4.4	21.4	5.6	42				
				Sriganganagar	25.8	46	3.9	19.9	5.8	37				
451286N			South	Coimbatore	30.3	48	4.3	21.7	6.3	51	46	65		
142275				Lam	26.0	50	4.4	20.3		42				
450112N				Raichur	28.1	49	4.9	22.5	6.2	44				
450223N				Srivilliputhur	28.2	48	4.0	21.1	5.5	46				
450456N			533	RHH 1125	Central	Banswara	29.0	49	4.5	22.8	6.0	49	47	56
450615N						Junagadh	28.1	49	4.7	21.3	4.5	44		
150223	Khandwa	20.9				49	4.0	20.2	5.5	28				
451058N	Surat	28.8				47	3.9	20.2	6.0	46				
451156N	Arbhavi	30.3				49	4.1	21.4	5.1	53				
451421N	Bhavanipatna	32.3				51	4.9	25.3	6.1	60				
450948N	Rahuri	28.2				48	4.5	23.0	6.3	45				
450715N	Talod	28.7				52	4.8	23.1	6.2	51				
450812N	North	Bhatinda			28.8	48	4.6	22.9	5.8	46	42	87		
451720N		Faridkot			28.9	47	4.5	23.8	5.7	46				
142056		Hissar			27.7	47	4.8	21.3	5.5	40				
		Sriganganagar			26.1	48	4.9	19.3	5.7	35				
451287N	South	Coimbatore			29.1	48	4.3	20.5	5.7	47	48	46		
142276		Lam			27.8	51	4.1	21.7		49				
450224N		Raichur			28.5	49	4.5	22.2	5.9	47				
451157N		Srivilliputhur			28.5	47	3.8	22.3	5.4	48				

### Bro5 b PHT – Intra hirsutum – Hybrid

National Trials- Br.05b- PHT- IntraHir-Hybrid												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451961N	551	RAHH 909	Central	Akola	28.5	51	4.0	19.4	5.2	50	46	20
450225N				Aurangabad	28.6	49	4.8	23.3	6.2	47		
450616N				Hansot	27.8	48	3.9	20.0	5.5	45		
451572N				Indore	26.9	47	3.7	21.1	6.0	43		
451525N				Nanded	27.4	50	4.0	20.8	6.0	47		
150254			South	Dharwad	28.2	49	4.4	20.2	5.1	45	46	20
142398				Perambalur	30.3	47	4.7	20.1	5.6	46		
451288N				Raichur	28.9	48	4.4	22.8	5.6	48		
451962N	552	SHH 906	Central	Akola	28.6	51	3.4	20.5	5.2	54	52	5
450226N				Aurangabad	29.0	48	3.6	25.1	6.2	54		
450617N				Hansot	28.5	45	3.0	19.7	5.4	47		

National Trials- Br.05b- PHT- Intrahir-Hybrid														
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries		
451573N				Indore	27.7	50	3.8	21.2	5.6	49	50	9		
451526N				Nanded	28.1	51	3.5	23.2	6.0	54				
150255			South	Dharwad	29.9	49	3.8	22.1	4.9	54				
150256				Perambalur	32.2	45	4.3	22.5	5.6	52				
451289N				Raichur	28.3	49	4.6	21.2	5.4	45				
451963N	553	CAHH 272	Central	Akola	25.7	50	3.6	17.5	5.4	42	43	30		
450227N				Aurangabad	26.1	49	3.9	20.4	5.8	42				
450618N				Hansot	27.0	46	3.7	18.9	5.3	40				
451574N				Indore	27.3	49	3.6	20.8	5.8	47				
451527N				Nanded	25.9	50	3.8	20.5	6.0	44				
150256			South	Dharwad	28.1	49	4.1	19.8	5.7	46	43	30		
150257				Perambalur	27	49	4.4	19.7	5.5	42				
451290N				Raichur	28.7	46	4.6	21.0	5.8	42				
451964N			554	ARBHH1452	Central	Akola	28.8	47	3.2	19.6	5.5	49	46	20
450228N						Aurangabad	29.2	45	4.2	23.8	5.9	46		
450619N	Hansot	27.0				49	4.1	18.7	5.2	42				
451575N	Indore	27.9				50	4.1	21.5	6.0	48				
451528N	Nanded	27.7				47	3.8	21.0	5.9	45				
150257	South	Dharwad			30.3	50	4.0	24.1	4.7	57	53	3		
150258		Perambalur			33.8	46	4.1	23.4	5.7	59				
451291N		Raichur			27.3	49	4.7	21.0	5.4	42				
451965N	555	NHH 688	Central	Akola	28.2	52	4.5	17.0	5.0	46	46	20		
450229N				Aurangabad	28.8	48	4.5	22.1	6.0	46				
450620N				Hansot	26.6	49	3.9	19.0	5.3	43				
451576N				Indore	25.8	51	3.6	19.8	5.8	45				
451529N				Nanded	28.4	49	3.7	22.4	6.1	51				
150258			South	Dharwad	27.1	48	4.2	22.4	5.2	44	47	15		
150259				Perambalur	32.5	46	4.4	21.6	5.5	53				
451292N				Raichur	27.7	49	4.7	21.1	5.5	43				
451966N	556	ZC	Central	Akola	26.0	50	3.1	16.5	5.1	44	46	20		
450230N				Aurangabad	28.1	48	4.5	22.4	6.1	45				
450621N				Hansot	28.3	47	4.6	19.2	5.4	41				
451577N				Indore	29.0	47	4.1	22.0	6.0	47				
451530N				Nanded	29.9	47	4.0	23.3	6.2	51				
150259			South	Dharwad	30.9	46	3.6	21.9	5.0	53	51	7		
150260				Perambalur	33.8	44	4.2	22.9	5.5	56				
451293N				Raichur	28.6	49	4.6	20.9	5.4	46				
451967N	557	DHH 1452	Central	Akola	24.6	51	3.6	16.5	5.1	40	41	34		
450231N				Aurangabad	27.4	49	4.6	21.5	5.9	43				
450622N				Hansot	25.9	49	4.7	18.6	5.4	37				
451578N				Indore	26.1	48	3.9	19.1	5.9	40				
451531N				Nanded	25.5	51	3.7	20.7	5.9	45				
150260			South	Dharwad	28.6	50	4.3	19.3	5.6	47	44	27		
150261				Perambalur	29.5	47	5	20.3	5.5	43				
451294N				Raichur	26.9	49	4.7	20.5	5.6	41				
451968N	558	LAHH 27	Central	Akola	26.7	50	3.4	17.5	5.0	45	47	15		
450232N				Aurangabad	28.9	48	4.0	23.6	6.0	50				
450623N				Hansot	27.2	51	4.7	19.6	5.2	44				
451579N				Indore	26.7	49	3.2	20.2	5.6	47				
451532N				Nanded	27.4	49	3.9	21.4	6.0	46				

National Trials- Br.05b- PHT- Intrahir-Hybrid												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
150261			South	Dharwad	28.7	47	4.0	21.1	5.3	46	45	24
150262				Perambalur	30.6	46	4.6	21.8	5.5	47		
451295N				Raichur	26.7	50	4.5	20.6	5.5	43		
451969N	559	GTHH 217	Central	Akola	25.0	52	3.4	18.5	5.5	45	46	20
450233N				Aurangabad	27.1	49	3.0	22.8	6.0	51		
450624N				Hansot	26.4	50	4.1	19.2	5.6	43		
451580N				Indore	25.4	50	3.1	20.5	5.9	46		
451533N				Nanded	26.5	51	3.6	20.7	6.1	48		
150262			South	Dharwad	27.3	47	3.7	21.3	5.9	44	44	27
150263				Perambalur	28.4	47	4.6	21.2	5.3	43		
451296N	Raichur	28.0		50	4.7	21.3	5.6	45				
451970N	560	ARBHH1451	Central	Akola	25.7	48	4.0	16.0	5.0	36	45	24
450234N				Aurangabad	27.9	48	4.1	22.9	6.1	47		
450625N				Hansot	27.6	50	5.0	19.4	5.4	42		
451581N				Indore	27.6	49	3.3	22.0	5.9	50		
451534N				Nanded	27.3	50	3.7	21.1	5.9	48		
150263			South	Dharwad	28.8	48	4.2	19.4	5.5	46	44	27
150264				Perambalur	29.7	46	5	21	5.5	42		
451297N	Raichur	29.0		47	4.9	21.4	5.6	43				
451971N	561	RAHH 922	Central	Akola	27.7	46	2.8	16.6	5.0	44	49	11
450235N				Aurangabad	30.6	46	4.2	23.4	6.1	51		
450626N				Hansot	31.1	47	4.1	21.2	5.5	52		
451582N				Indore	28.8	46	3.4	22.3	5.8	49		
451535N				Nanded	29.8	45	3.2	22.9	6.0	52		
150264			South	Dharwad	30.5	45	3.5	21.3	5.2	51	52	5
150265				Perambalur	34.9	44	4.1	24.8	5.5	60		
451298N	Raichur	29.2		46	4.5	21.7	5.5	44				
451972N	562	GSHH 2777	Central	Akola	24.4	51	4.1	17.8	5.0	38	41	34
450236N				Aurangabad	26.3	55	4.7	21.7	5.3	49		
450627N				Hansot	24.7	51	3.8	19.1	5.5	41		
451583N				Indore	24.3	51	4.8	19.6	5.8	36		
451536N				Nanded	24.6	50	3.7	19.6	5.7	40		
150265			South	Dharwad	27.2	48	4.4	21.3	4.8	42	42	32
150266				Perambalur	28.6	47	4.6	21.3	5.3	43		
451299N	Raichur	26.3		49	4.5	20.5	5.4	40				
451973N	563	LC	Central	Akola	24.0	51	2.8	18.0	5.5	43	43	30
450237N				Aurangabad	27.4	52	4.2	21.8	5.7	50		
450628N				Hansot	30.3	47	4.5	20.6	5.5	48		
451584N				Indore	24.6	49	3.9	18.7	5.5	37		
451537N				Nanded	25.6	49	4.2	19.9	5.9	39		
150266			South	Dharwad	29.6	49	3.7	22.4	5.5	54	50	9
150267				Perambalur	32.8	45	4.5	21.9	5.4	52		
451300N	Raichur	27.2		51	4.9	21.1	5.7	44				
451974N	564	BHH 326	Central	Akola	26.8	50	4.0	18.8	5.0	44	53	3
450238N				Aurangabad	31.6	53	3.4	26.5	5.9	69		
450629N				Hansot	28.2	49	4.1	20.4	5.5	47		
451585N				Indore	28.3	50	3.6	24.3	6.1	54		
451538N				Nanded	27.8	48	3.4	22.3	6.1	49		
150267			South	Dharwad	30.3	47	3.4	24.4	5.0	56	52	5
150268				Perambalur	32.1	47	4.6	21.3	5.6	52		

National Trials- Br.05b- PHT- Intrahir-Hybrid												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451301N				Raichur	28.1	51	4.6	22.3	5.6	48		
451975N	565	DHH 1451	Central	Akola	26.0	48	3.8	16.7	5.5	38	47	15
450239N				Aurangabad	33.0	50	4.5	26.0	6.0	63		
450630N				Hansot	27.2	50	4.6	19.2	5.6	42		
451586N				Indore	27.1	50	4.2	20.8	5.9	45		
451539N				Nanded	25.7	50	3.2	21.1	6.0	47		
150268			South	Dharwad	28.6	48	4.5	20.8	5.5	45	47	15
150269				Perambalur	30.8	47	4.7	20.6	5.5	48		
451302N				Raichur	30.1	48	4.9	21.9	5.5	48		
451976N	566	CAHH 273	Central	Akola	25.0	50	4.0	16.8	5.4	38	44	27
450240N				Aurangabad	29.0	53	4.8	22.4	5.7	53		
450631N				Hansot	29.5	46	3.9	20.5	5.6	47		
451587N				Indore	25.2	49	4.0	19.7	5.9	39		
451540N				Nanded	27.2	48	3.6	21.5	6.1	46		
150269			South	Dharwad	30.5	49	4.6	21.7	4.5	51	49	11
150270				Perambalur	30.9	47	4.3	19.4	5.5	49		
451303N				Raichur	28.9	48	4.5	21.7	5.6	46		
451977N	567	SHH 902	Central	Akola	28.7	52	3.6	20.6	5.0	55	55	1
450241N				Aurangabad	30.1	52	3.5	25.4	5.9	63		
450632N				Hansot	28.9	50	3.7	21.2	5.5	53		
451588N				Indore	28.5	51	4.3	23.2	6.2	52		
451541N				Nanded	28.3	50	4.0	22.7	6.2	51		
150270			South	Dharwad	28.6	48	4.1	21.1	5.1	47	49	11
150271				Perambalur	31.6	47	4.7	23.7	5.6	52		
451304N				Raichur	30.1	47	4.8	22.6	5.4	47		
451589N		Filler 1	Central	Indore	25.2	51	3.5	20.6	6.0	45		
451590N		Filler 2		Indore	26.9	50	3.8	22.5	6.2	48		
451591N		Filler 3		Indore	26.6	50	3.7	22.0	6.0	47		

Br. 06a – IET of Compact genotypes

National Trials- Br.06a - IET of compact genotypes under irrigated conditon												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451059N	601	ANGC 1402	Central	Bhavanipatna	30.9	51	5.1	25.3	6.3	56	51	8
451158N				Rahuri	27.9	48	4.3	21.9	6.2	45		
451460N				Talod	28.0	50	5.0	31.5	6.3	52		
450716N			North	Faridkot	27.1	51	4.7	22.8	5.7	46	40	56
450852N				Hissar	26.8	49	4.8	21.5	5.6	41		
451722N				Sriganganagar	26.3	48	5.6	20.0	6.0	33		
142118			South	Coimbatore	27.7	47	3.6	22.0	6.5	46	45	32
				Lam	26.8	48	4.4	20.2		39		
451305N				Raichur	28.7	50	4.6	22.7	6.0	49		
451060N	602	DSC-1401	Central	Bhavanipatna	31.6	50	4.9	24.6	6.4	56	49	12
451159N				Rahuri	28.5	50	4.5	23.8	6.4	50		
451461N				Talod	26.4	51	4.9	20.3	6.1	41		
450717N			North	Faridkot	24.3	49	4.7	19.9	5.5	33	35	71
450853N				Hissar	25.2	49	4.9	19.8	5.5	35		
451723N				Sriganganagar	26.0	50	4.9	19.8	5.6	38		
142119			South	Coimbatore	28.0	47	3.7	20.8	5.4	46	47	20
				Lam	27.4	50	4.1	20.7		46		
451306N				Raichur	27.3	53	4.4	22.1	5.8	50		
451061N	603	CSH 3113	Central	Bhavanipatna	30.1	54	5.0	24.5	6.5	58	48	15
451160N				Rahuri	27.3	50	3.9	22.7	6.0	49		
451462N				Talod	26.9	48	4.6	19.7	5.8	39		
450718N			North	Faridkot	26.9	49	4.1	22.5	5.5	45	43	44
450854N				Hissar	26.7	49	4.9	21.2	5.6	40		
451724N				Sriganganagar	26.8	51	4.6	21.0	5.7	44		
142120			South	Coimbatore	27.1	48	3.8	21.2	6.1	45	46	26
				Lam	27.2	50	4.6	21.3		44		
451307N				Raichur	29.0	48	3.9	22.6	5.8	50		
451062N	604	CCH 14-6	Central	Bhavanipatna	29.4	52	5.4	23.4	6.6	50	51	8
451161N				Rahuri	27.6	53	4.2	24.4	6.4	54		
451463N				Talod	27.5	52	4.7	22.3	6.3	48		
450719N			North	Faridkot	27.0	48	4.1	23.2	5.6	44	43	44
450855N				Hissar	27.8	50	4.8	22.2	5.7	45		
451725N				Sriganganagar	27.7	47	4.9	20.7	5.8	39		
142121			South	Coimbatore	27.5	48	4.4	19.6	5.7	41	44	38
				Lam	28	49	4.8	21.6		44		
451308N				Raichur	26.3	54	4.5	21.4	5.6	48		
451063N	605	CNH 2015	Central	Bhavanipatna	31.4	48	5.0	23.8	6.3	52	43	44
451162N				Rahuri	26.8	47	3.9	20.4	5.9	41		
451464N				Talod	25.1	48	4.0	17.7	5.4	36		
450720N			North	Faridkot	27.0	47	4.6	21.0	5.4	39	36	68
450856N				Hissar	25.6	47	4.2	19.3	5.2	36		
451726N				Sriganganagar	26.3	46	4.5	18.4	5.4	34		
142122			South	Coimbatore	25.9	47	3.9	19.1	5.4	38	45	32
				Lam	26.7	50	4.3	19.4		42		
451309N				Raichur	28.6	52	3.7	22.3	5.6	56		
451064N	606	H 1477	Central	Bhavanipatna	28.0	53	5.1	23.1	6.4	49	48	15
451163N				Rahuri	26.7	50	3.5	21.5	4.2	48		
451465N				Talod	27.3	53	4.9	22.2	6.1	48		
450721N			North	Faridkot	27.1	49	4.8	22.8	5.7	42	42	50

National Trials- Br.06a - IET of compact genotypes under irrigated conditon												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
450857N				Hissar	27.0	49	4.6	22.2	6.0	43	41	53
451727N				Sriganganagar	26.6	50	4.9	20.5	6.0	40		
142123			South	Coimbatore	25.2	50	4.4	20.1	6.6	39		
				Lam	26.4	52	4.2	19.8		46		
451310N				Raichur	25.7	51	4.7	19.6	5.7	40		
451065N	607	RAHC 1011	Central	Bhavanipatna	32.0	51	5.0	24.9	6.4	59	54	2
451164N				Rahuri	29.3	48	3.0	22.5	5.9	55		
451466N				Talod	27.1	51	4.1	22.2	6.2	48		
450722N			North	Faridkot	28.2	47	4.1	21.2	5.4	45	41	53
450858N				Hissar	25.7	49	5.0	20.9	5.7	36		
451728N				Sriganganagar	26.1	51	4.9	21.1	6.0	41		
142124			South	Coimbatore	28.5	47	3.6	21.0	5.6	48	49	12
				Lam	28.9	50	4.1	22.3		51		
451311N				Raichur	27.7	51	4.2	21.3	5.7	49		
451066N			608	ARBC-1402	Central	Bhavanipatna	27.9	53	5.5	24.3	6.2	48
451165N	Rahuri	27.4				50	4.0	21.0	6.0	47		
451467N	Talod	26.1				51	4.7	20.4	6.0	41		
450723N	North	Faridkot			22.6	52	4.7	18.2	5.2	32	36	68
450859N		Hissar			24.4	51	4.5	19.8	5.4	37		
451729N		Sriganganagar			25.4	50	4.6	18.8	5.5	37		
142125	South	Coimbatore			27.5	48	3.9	19.3	5.7	44	42	50
		Lam			26.4	51	4.3	20.9		44		
451312N		Raichur			25.4	52	4.9	19.0	5.5	39		
451067N	609	GSHV 180	Central	Bhavanipatna	27.3	53	5.1	23.7	6.3	48	43	44
451166N				Rahuri	25.7	51	4.5	20.6	6.0	41		
451468N				Talod	23.9	55	4.8	19.1	6.0	40		
450724N			North	Faridkot	24.9	51	5.0	19.8	5.4	36	33	73
450860N				Hissar	23.5	49	4.9	19.7	5.5	30		
451730N				Sriganganagar	23.5	51	4.7	18.3	5.8	33		
142126			South	Coimbatore	25.5	49	3.7	21.2	5.3	42	45	32
				Lam	25.3	53	4.6	20.1		43		
451313N				Raichur	26.7	53	4.0	21.6	5.6	50		
451068N	610	RS 2727	Central	Bhavanipatna	30.0	53	4.7	26.2	6.9	59	49	12
451167N				Rahuri	26.1	46	3.0	21.1	5.5	43		
451469N				Talod	26.7	50	4.2	20.7	5.9	44		
450725N			North	Faridkot	25.8	51	3.9	20.6	5.5	45	40	56
450861N				Hissar	25.5	49	4.1	21.1	5.7	40		
451731N				Sriganganagar	25.2	49	4.9	18.8	5.9	34		
142127			South	Coimbatore	26.6	48	3.0	21.8	6.1	48	46	26
				Lam	26.6	51	3.7	20.7		47		
451314N				Raichur	25.4	53	4.2	20.1	5.8	45		
451069N	611	LC	Central	Bhavanipatna	34.6	50	5.0	30.2	6.9	68	52	5
451168N				Rahuri	26.0	50	3.7	22.3	6.0	46		
451470N				Talod	26.0	53	4.9	20.6	6.0	43		
450726N			North	Faridkot	25.7	50	4.5	20.2	5.5	40	38	63
450862N				Hissar	27.0	48	5.1	21.9	5.9	39		
451732N				Sriganganagar	25.6	49	4.9	19.7	5.6	36		
142128			South	Coimbatore	29.6	47	3.9	21.5	6.5	49	51	8
				Lam	27.4	51	3.6	23		52		
451315N				Raichur	30.5	48	4.1	22.8	5.8	53		
451070N	612	RAHC	Central	Bhavanipatna	28.5	47	5.5	21.7	5.9	39	38	63

National Trials- Br.06a - IET of compact genotypes under irrigated condition												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451169N		1012		Rahuri	26.5	51	4.5	20.9	5.9	44		
451471N				Talod	22.7	53	5.3	18.1	6.1	31		
450727N				North	Faridkot	24.5	48	5.0	18.7	5.3		
450863N			Hissar		22.7	49	5.1	18.3	5.4	26		
451733N			Sriganganagar		24.2	48	5.1	17.9	5.8	28		
142129			South	Coimbatore	27.6	48	3.9	18.9	5.0	44	39	59
				Lam	25.7	50	4.9	19.2		37		
451316N				Raichur	26.5	48	4.9	19.0	5.3	36		
451071N			613	PBH 3	Central	Bhavanipatna	27.4	52	5.2	22.6	6.6	45
451170N	Rahuri	27.0				50	3.9	21.7	6.3	47		
451472N	Talod	27.5				51	4.9	21.3	6.4	45		
450728N	North	Faridkot			24.6	50	5.3	18.9	5.5	32	36	68
450864N		Hissar			24.7	50	4.3	20.0	5.6	38		
451734N		Sriganganagar			25.7	51	5.1	19.7	6.0	38		
142130	South	Coimbatore			26.7	50	3.8	19.9	5.6	45	44	38
		Lam			26	50	4	20.3		44		
451317N		Raichur			26.1	52	4.3	20.1	5.7	44		
451072N	614	CNH 291	Central	Bhavanipatna	27.9	50	4.9	21.9	6.1	45	44	38
451171N				Rahuri	27.0	50	4.2	21.2	6.0	45		
451473N				Talod	24.8	54	4.9	20.2	6.1	41		
450729N			North	Faridkot	24.6	52	4.2	19.5	5.3	41	38	63
450865N				Hissar	25.5	48	4.0	21.3	5.8	40		
451735N				Sriganganagar	25.2	51	5.8	19.5	5.9	33		
142131			South	Coimbatore	25.5	49	3.7	20.9	5.4	42	43	44
				Lam	26.6	50	4	20.3		45		
451318N				Raichur	26.0	52	4.6	20.5	5.7	43		
451073N	615	TCH 1817	Central	Bhavanipatna	30.5	50	5.3	23.6	6.6	51	48	15
451172N				Rahuri	27.8	50	3.7	22.8	6.2	51		
451474N				Talod	25.5	50	4.0	19.1	5.8	41		
450730N			North	Faridkot	25.0	49	4.0	19.2	5.3	38	39	59
450866N				Hissar	26.6	47	4.9	21.2	5.6	37		
451736N				Sriganganagar	25.8	50	4.1	19.6	5.8	41		
142132			South	Coimbatore	27.1	47	3.3	21.7	4.9	46	46	26
				Lam	27.4	50	4.3	20.9		45		
451319N				Raichur	27.9	49	4.0	21.7	5.8	48		
451074N	616	CNH 25	Central	Bhavanipatna	27.9	52	5.4	23.0	6.9	46	42	50
451173N				Rahuri	26.8	51	4.2	22.0	6.9	47		
451475N				Talod	23.6	53	5.3	18.3	5.9	33		
450731N			North	Faridkot	24.2	50	4.9	18.6	5.4	33	32	74
450867N				Hissar	24.4	48	5.0	19.6	5.6	31		
451737N				Sriganganagar	25.3	49	5.1	20.1	6.0	34		
142133			South	Coimbatore	26.9	49	4.2	18.7	5.6	42	44	38
				Lam	25	52	4.6	19.8		40		
451320N				Raichur	28.4	50	4.0	22.2	6.0	51		
451075N	617	ANGC 1401	Central	Bhavanipatna	30.5	48	4.7	22.9	6.3	50	47	20
451174N				Rahuri	27.4	50	4.0	21.0	6.1	47		
451476N				Talod	26.6	52	5.0	20.2	5.9	42		
450732N			North	Faridkot	26.1	49	4.9	19.8	5.4	37	39	59
450868N				Hissar	26.6	50	5.2	22.6	6.1	40		
451738N				Sriganganagar	26.5	50	5.1	20.0	6.0	39		
142134			South	Coimbatore	26.4	48	3.9	19.4	5.5	41	41	53

National Trials- Br.06a - IET of compact genotypes under irrigated condition												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
				Lam	26.7	49	4.2	20.8		42		
451321N				Raichur	26.0	50	4.5	20.0	5.6	40		
451076N	618	CCH 14-5	Central	Bhavanipatna	29.8	51	5.2	23.5	6.8	51	53	4
451175N				Rahuri	26.9	53	3.1	23.0	6.3	56		
451477N				Talod	27.5	55	4.9	24.2	6.5	53		
450733N			North	Faridkot	26.3	48	4.5	19.9	5.3	38	37	65
450869N				Hissar	26.7	48	4.6	21.9	5.8	40		
451739N				Sriganganagar	24.8	50	5.1	19.2	5.9	34		
142135			South	Coimbatore	27.4	47	4.0	20.5	5.7	42	44	38
451322N				Lam	26	50	4.3	20.4		42		
				Raichur	27.8	51	4.1	21.1	5.6	49		
451077N	619	CNH 1120	Central	Bhavanipatna	33.2	52	5.1	26.9	7.2	64	56	1
451176N				Rahuri	28.2	53	4.5	25.6	6.6	55		
451478N				Talod	28.6	48	4.0	22.2	6.2	48		
450734N			North	Faridkot	26.4	51	4.5	21.7	5.9	44	43	44
450870N				Hissar	27.6	48	4.1	23.8	5.9	46		
451740N				Sriganganagar	26.1	49	4.5	20.6	6.2	40		
142136			South	Coimbatore	28.8	48	4.6	19.4	6.0	44	47	20
				Lam	27.9	51	4.7	22.7		47		
451323N				Raichur	27.5	54	4.9	24.1	6.3	51		
451078N	620	GTHV 13/32	Central	Bhavanipatna	31.0	52	5.3	24.6	6.4	56	51	8
451177N				Rahuri	30.6	48	4.1	23.7	6.6	54		
451479N				Talod	28.2	49	4.9	21.2	6.0	44		
450735N			North	Faridkot	24.9	50	5.0	18.8	5.3	34	36	68
450871N				Hissar	26.5	45	4.9	19.7	5.7	32		
451741N				Sriganganagar	26.5	51	4.9	20.2	5.9	41		
142137			South	Coimbatore	29.6	47	4.4	19.3	5.5	45	47	20
				Lam	28.3	49	4.6	21.3		45		
451324N				Raichur	28.8	48	3.6	22.0	5.8	51		
451079N	621	CSH 73	Central	Bhavanipatna	30.3	49	5.1	23.1	6.5	49	46	26
451178N				Rahuri	26.9	47	3.6	21.2	5.7	44		
451480N				Talod	25.7	53	4.5	20.6	6.2	44		
450736N			North	Faridkot	24.2	49	4.3	19.1	5.4	34	38	63
450872N				Hissar	25.5	49	4.9	20.7	5.5	36		
451742N				Sriganganagar	25.8	51	4.3	20.1	6.1	42		
142138			South	Coimbatore	28.7	48	3.6	21.2	5.3	50	47	20
				Lam	26.5	49	4	20.1		43		
451325N				Raichur	27.1	51	3.9	21.4	5.5	49		
451080N	622	GISV 272	Central	Bhavanipatna	29.8	50	5.4	23.4	6.4	48	46	26
451179N				Rahuri	29.4	46	4.1	23.1	6.1	48		
451481N				Talod	26.3	52	4.7	20.5	6.0	43		
450737N			North	Faridkot	24.0	48	4.4	18.6	5.2	32	35	71
450873N				Hissar	25.7	48	4.3	19.7	5.6	37		
451743N				Sriganganagar	*	*	*	*	*	*		
142139			South	Coimbatore	27.5	48	4.0	20.3	5.4	44	45	32
				Lam	27.7	51	4.7	20.9		45		
451326N				Raichur	27.1	51	4.7	21.7	5.9	45		
451081N	623	RS 2734	Central	Bhavanipatna	29.4	52	4.7	24.2	6.9	54	50	10
451180N				Rahuri	27.5	50	3.4	23.3	6.1	52		
451482N				Talod	25.6	53	4.7	20.6	6.1	43		
450738N			North	Faridkot	24.9	51	4.3	19.7	5.6	40	40	56



National Trials- Br.06a - IET of compact genotypes under irrigated condition												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
450874N				Hissar	25.9	49	4.8	21.1	5.8	38	45	32
451744N				Sriganganagar	26.8	50	4.7	20.8	6.0	42		
142140			South	Coimbatore	27.1	48	3.2	20.3	5.2	47		
				Lam	26.4	50	3.8	20.6		45		
451327N				Raichur	26.7	50	4.5	20.4	5.6	42		
451082N	624	DSC-1402	Central	Bhavanipatna	28.1	48	5.1	21.9	6.2	41	43	44
451181N				Rahuri	26.6	51	3.6	21.6	6.1	49		
451483N				Talod	25.5	48	3.9	18.9	5.8	38		
450739N			North	Faridkot	23.8	48	4.5	19.0	5.5	31	33	73
450875N				Hissar	23.9	48	4.5	19.4	5.8	32		
451745N				Sriganganagar	24.6	50	4.1	19.0	5.5	38		
142141			South	Coimbatore	26.5	49	4.2	19.7	5.2	41	42	50
				Lam	27.8	49	4.4	20.8		45		
451328N				Raichur	25.3	50	4.0	18.6	5.6	40		
451083N			625	ARBC-1401	Central	Bhavanipatna	31.6	49	4.8	24.4	6.1	55
451182N	Rahuri	30.9				47	3.6	24.1	5.6	56		
451484N	Talod	30.5				45	4.1	21.2	5.7	48		
450740N	North	Faridkot			26.8	46	3.4	19.8	5.1	42	44	38
450876N		Hissar			27.2	45	3.2	20.8	5.2	43		
451746N		Sriganganagar			29.5	46	4.1	22.2	5.5	47		
142142	South	Coimbatore			29.1	46	3.2	21.2	5.3	50	47	20
		Lam			28.7	48	3.7	21		49		
451329N		Raichur			27.2	48	4.1	19.9	5.5	42		

### Br 06 b – Initial Evaluation of Compact Genotypes (Rainfed)

National Trials- Br.06b- Initial Evaluation of Compact genotypes under rainfed condition												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
452017N	631	DSC-1451	Central	Akola	28.3	49	4.6	20.5	6.0	45	45	30
451592N				Indore	25.1	51	3.5	20.5	6.0	45		
450321N				Nanded	26.6	48	3.6	20.0	5.7	43		
450495N				Surat	28.5	50	5.1	23.3	6.0	46		
150271			South	Dharwad	29.8	51	4.0	24.6	4.9	58	58	5
452018N	632	CCH 14-8	Central	Akola	25.1	53	3.7	19.8	5.9	46	46	26
451593N				Indore	26.2	51	3.6	21.5	6.1	48		
450322N				Nanded	26.7	48	3.9	20.7	5.7	43		
450496N				Surat	27.3	52	5.0	22.7	6.1	46		
150272			South	Dharwad	29.5	47	4.0	22.6	5.3	49	49	18
452019N	633	CNH 2007-10	Central	Akola	25.8	51	4.1	19.8	6.1	43	45	30
451594N				Indore	25.8	52	3.4	22.5	6.1	50		
450323N				Nanded	26.5	47	3.4	19.4	5.6	43		
450497N				Surat	28.0	51	5.0	21.6	5.4	46		
150273			South	Dharwad	31.1	49	4.0	23.8	4.7	57	57	7
452020N	634	JK 35	Central	Akola	27.7	50	3.7	21.0	5.6	49	47	23
451595N				Indore	26.9	51	3.3	22.7	6.1	52		
450324N				Nanded	25.5	48	3.7	19.3	5.7	40		
450498N				Surat	27.0	52	4.5	22.4	5.9	48		
150274			South	Dharwad	29.9	53	4.3	23.9	4.7	59	59	4

National Trials- Br.06b- Initial Evaluation of Compact genotypes under rainfed condition												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
452021N	635	GBHV 188	Central	Akola	27.2	48	3.7	19.0	5.5	44	46	26
451596N				Indore	26.2	50	3.5	21.0	5.8	46		
450325N				Nanded	27.3	47	3.6	20.8	5.8	44		
450499N				Surat	29.8	47	4.2	22.9	5.8	50		
150275			South	Dharwad	30.1	47	4.2	23.2	5.0	51	51	
452022N	636	ANGC 1451	Central	Akola	26.7	51	4.9	19.3	5.7	41	42	40
451597N				Indore	26.6	48	3.6	20.0	5.5	43		
450326N				Nanded	25.3	50	3.6	18.9	5.5	41		
450500N				Surat	27.3	50	4.9	21.6	5.9	43		
150276			South	Dharwad	<b>29.3</b>	<b>51</b>	<b>3.7</b>	<b>27.1</b>	<b>4.9</b>	<b>60</b>	<b>60</b>	
452023N	637	CNH 2015	Central	Akola	26.3	48	3.5	19.0	5.4	42	39	44
451598N				Indore	24.6	49	3.8	18.4	5.5	37		
450327N				Nanded	24.6	47	3.5	17.8	5.2	35		
450501N				Surat	27.8	47	4.5	20.5	5.5	41		
150277			South	Dharwad	28.3	46	4.0	21.1	5.4	44	44	
452024N	638	LC	Central	Akola	28.4	47	3.4	20.1	5.7	48	42	40
451599N				Indore	25.5	48	3.8	19.3	5.5	39		
450328N				Nanded	27.0	49	3.6	20.9	5.6	47		
450502N				Surat	25.0	52	5.5	20.9	6.0	36		
150278			South	Dharwad	28.5	47	4.2	25.4	4.7	48	48	
452025N	639	AKH 13-51	Central	Akola	27.7	49	3.6	20.4	5.6	48	47	23
451600N				Indore	26.3	48	3.2	20.3	5.7	45		
450329N				Nanded	25.2	49	3.1	19.0	5.5	42		
450503N				Surat	29.7	49	4.1	22.7	5.6	52		
150279			South	Dharwad	29.1	43	3.5	22.1	5.1	45	45	
452026N	640	CNH 1121	Central	Akola	26.7	49	3.6	20.1	5.7	45	50	16
451601N				Indore	29.3	51	3.7	26.4	6.4	59		
450330N				Nanded	27.4	47	3.8	21.7	6.0	44		
450504N				Surat	28.8	49	3.8	24.7	6.4	53		
150280			South	Dharwad	<b>32.2</b>	<b>48</b>	<b>4.2</b>	<b>26.9</b>	<b>4.9</b>	<b>60</b>	<b>60</b>	
452027N	641	ANGC 1452	Central	Akola	25.1	53	4.1	18.5	5.6	43	43	36
451602N				Indore	25.7	49	3.7	20.5	5.9	42		
450331N				Nanded	25.0	48	3.8	18.8	5.6	37		
450505N				Surat	26.6	53	4.5	22.3	6.0	48		
150281			South	Dharwad	26.4	48	3.8	21.2	5.8	43	43	
452028N	642	CNH 25	Central	Akola	25.1	51	3.9	18.8	5.4	41	39	44
451603N				Indore	23.8	50	3.6	19.1	5.9	38		
450332N				Nanded	23.9	50	4.2	18.0	5.9	34		
450506N				Surat	25.4	53	4.6	21.5	6.2	44		
150282			South	Dharwad	27.7	47	4.2	22.5	5.5	44	44	
452029N	643	CCH 14-7	Central	Akola	27.3	50	3.6	19.2	6.0	47	48	20
451604N				Indore	27.4	49	3.4	22.3	6.1	50		
450333N				Nanded	27.6	50	4.1	22.9	5.8	49		
450507N				Surat	29.7	46	4.9	22.4	6.1	44		
150283			South	Dharwad	28.6	47	4.1	24.2	5.6	48	48	
452030N	644	GSHV 171	Central	Akola	26.4	53	3.6	20.9	5.9	51	46	26
451605N				Indore	24.5	54	4.0	20.5	6.0	45		
450334N				Nanded	24.7	50	4.1	19.3	5.9	38		
450508N				Surat	27.5	53	4.9	23.0	6.3	49		
150284			South	Dharwad	28.1	49	3.9	25.9	5.1	52	52	
452031N	645	PH 1060	Central	Akola	27.7	52	3.6	20.4	5.6	52	47	23

National Trials- Br.06b- Initial Evaluation of Compact genotypes under rainfed condition												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451606N				Indore	26.3	52	3.5	21.7	6.1	50		
450335N				Nanded	25.5	49	3.7	19.3	5.6	41		
450509N				Surat	27.6	50	4.8	22.4	6.3	45		
150285			South	Dharwad	29.2	48	4.1	22.2	5.3	49	49	18
452032N	646	GTHV 13/28	Central	Akola	27.0	49	4.6	19.6	5.6	41	43	36
451607N				Indore	27.9	56	4.6	20.5	5.8	54		
450336N				Nanded	25.1	48	3.9	18.7	5.9	36		
450510N				Surat	28.5	48	5.1	21.9	6.1	42		
150286			South	Dharwad	30.3	49	4.0	24.6	4.8	56	56	9
452033N	647	DSC-1452	Central	Akola	27.1	51	3.7	19.9	5.6	48	43	36
451608N				Indore	26.8	48	3.4	21.2	6.0	46		
450337N				Nanded	25.8	48	3.6	19.4	5.7	41		
450511N				Surat	25.5	49	4.9	20.0	5.6	36		
150287			South	Dharwad	29.7	50	3.7	23.4	5.6	56	56	9
452034N	648	CNH 1119	Central	Akola	26.5	51	3.9	20.0	5.9	46	50	16
451609N				Indore	27.8	59	3.5	23.0	6.1	65		
450338N				Nanded	26.4	48	4.4	20.2	5.8	39		
450512N				Surat	27.0	53	4.6	23.3	6.4	49		
150288			South	Dharwad	31.0	48	4.1	28.5	4.6	59	59	4
452035N	649	ARBC-1451	Central	Akola	24.7	53	3.8	18.7	5.7	44	45	30
451610N				Indore	25.2	53	3.7	20.4	6.1	47		
450339N				Nanded	25.9	46	3.1	19.0	5.5	40		
450513N				Surat	26.7	52	3.9	22.0	5.9	49		
150289			South	Dharwad	29.0	50	4.0	22.7	5.2	53	53	11
452036N	650	CNH 291	Central	Akola	25.2	50	3.6	18.2	5.2	41	41	42
451611N				Indore	24.7	53	3.3	19.6	5.8	47		
450340N				Nanded	24.2	48	3.7	17.7	5.3	35		
450514N				Surat	26.2	49	4.5	21.1	5.9	40		
150290			South	Dharwad	29.1	52	4.2	23.5	5.1	55	55	10
452037N	651	ARBC-1452	Central	Akola	26.2	51	3.5	18.8	5.4	46	43	36
451612N				Indore	26.7	49	4.5	21.1	5.9	42		
450341N				Nanded	25.2	49	3.6	18.8	5.5	40		
450515N				Surat	27.6	48	4.1	21.9	6.1	45		
150291			South	Dharwad	28.9	52	4.1	26.0	4.6	57	57	7
450342N		LC	Central	Akola	26.5	49	3.4	18.5	5.5	44	42	40
451613N				Indore	25.4	49	3.6	18.9	5.6	41		
450516N				Nanded	26.1	50	3.5	20.5	5.7	45		
150292				Surat	25.6	51	4.9	20.9	5.8	39		
452038N			South	Dharwad	29.4	50	4.5	22.8	4.5	51	51	14

Br 12 a. IET of G. barbadense

National Trials- Br.12a IET of G. Brabadense														
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries		
451185N	661	CCB 29	Central	Rahuri	32.8	45	3.0	25.9	6.3	63	62	15		
144003				Surat	29.8	51	3.1	25.5	5.7	62				
141973			661	CCB 29	South	Coimbatore	38.3	44	3.5	27.5	6.8	74	67	11
150293						Dharwad	35.8	40	3.1	25.1	5.0	62		
						Lam	29.5	48	3.7	24.3		54		
451330N						Raichur	35.7	47	3.0	29.6	6.2	76		
451186N	662	DB 1401	Central	Rahuri	*	*	*	*	*	*	79	3		
144004				Surat	34.7	54	3.2	26.2	5.6	79				
141974			662	DB 1401	South	Coimbatore	34.5	46	4.2	26.2	6.9	63	67	11
150294						Dharwad	31.9	47	3.6	27.5	5.1	61		
						Lam	33.0	49	3.7	30.8		69		
451331N						Raichur	33.7	50	3.8	31.6	6.3	73		
451187N	663	Suvini (CC)	Central	Rahuri	*	*	*	*	*	*	78	4		
144005				Surat	34.9	52	3.1	26.1	5.3	78				
141975			663	Suvini (CC)	South	Coimbatore	37.0	44	3.6	27.5	6.5	70	79	3
150295						Dharwad	37.4	44	3.5	27.8	4.4	72		
						Lam	37.5	49	3.6	35.2		85		
451332N						Raichur	38.6	50	3.7	34.9	7.0	88		
451188N	664	ARBB 1401	Central	Rahuri	32.8	48	3.1	29.5	6.5	69	73	6		
144006				Surat	34.4	53	3.0	25.7	5.9	77				
141976			664	ARBB 1401	South	Coimbatore	32.2	47	4.2	23.9	>7.0	56	62	15
150296						Dharwad	30.1	49	3.8	24.6	5.6	56		
						Lam	31.2	50	3.9	28.4		63		
451333N						Raichur	33.6	50	4.0	30.5	6.4	71		
451189N	665	DB 1402	Central	Rahuri	33.4	48	3.3	28.8	6.4	69	72	7		
144007				Surat	33.6	52	3.2	26.9	5.8	75				
141977			665	DB 1402	South	Coimbatore	32.5	46	4.4	25.2	>7.0	56	62	15
150297						Dharwad	30.7	47	3.5	21.9	6.1	54		
						Lam	33.5	48	3.6	31.5		71		
451334N						Raichur	33.4	48	3.7	30.0	6.3	68		
451190N	666	CCB 36	Central	Rahuri	34.2	42	2.9	26.3	5.9	63	74	5		
144008				Surat	36.1	52	2.9	30.1	5.7	85				
141978			666	CCB 36	South	Coimbatore	36.4	44	3.7	26.3	6.3	67	71	9
150298						Dharwad	36.0	41	3.2	27.2	4.5	65		
						Lam	37.5	48	4.1	33.9		80		
451335N						Raichur	36.6	46	4.0	31.0	6.9	73		
451191N	667	ARBB 1402	Central	Rahuri	35.7	50	3.4	32.5	6.9	80	81	1		
144009				Surat	37.7	50	3.5	27.7	5.7	82				
141979			667	ARBB 1402	South	Coimbatore	34.1	46	4.2	24.2	>7.0	60	65	12
150299						Dharwad	30.8	50	3.7	22.7	6.0	59		

National Trials- Br.12a IET of G. Brabadense												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
				Lam	31.9	50	4.0	30.7		66		
451336N				Raichur	35.2	50	3.8	32.4	6.7	77		
451192N	668	GSB 45	Central	Rahuri	34.3	45	3.3	29.4	6.8	68	71	9
144010				Surat	34.5	52	3.4	25.5	5.7	75		
141980			South	Coimbatore	33.9	46	4.5	24.9	6.8	59	62	15
150300				Dharwad	33.1	43	3.7	22.4	5.5	54		
				Lam	33.5	49	3.9	29.5		68		
451337N				Raichur	34.1	47	4.2	30.0	6.8	66		
451193N			LC	RHCb-001	Central	Rahuri	33.5	49	3.5	29.1	6.8	70

### Br.15a-PHT-Interspecific Hybrid (hirsutum x barbadense)

National Trials- Br.15a - PHT Interspecific - Hybrid (hir x barb)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
450633N	671	CCHB 4	Central	Anand	36.3	44	2.7	26.0	6.1	72	73	3
450127N				Banswara	35.8	41	3.2	27.3	6.1	65		
451194N				Rahuri	39.5	41	2.5	34.9	6.4	84		
142151			South	Coimbatore	38.0	43	3.3	26.3	5.7	72	74	1
150301				Dharwad	38.4	43	2.8	28.1	4.4	77		
				Lam	34.9	47	3.1	26.5		71		
451338N				Raichur	38.6	43	3.7	28.6	5.7	73		
142277	Srivilliputhur	39.9		42	2.8	27.6	5.6	79				
450634N	672	DHB 1399	Central	Anand	34.7	50	3.9	26.3	6.3	71	68	13
450128N				Banswara	34.8	43	3.5	28.6	6.5	65		
451195N				Rahuri	35.8	45	3.5	28.3	6.3	70		
150302			South	Coimbatore	33.8	44	3.7	26.0	6.4	60	62	23
				Dharwad	34.1	44	3.5	22.7	4.9	60		
451339N				Lam	32.4	46	3.9	24.7		58		
				Raichur	34.5	45	3.8	26.1	5.9	63		
		Srivilliputhur	35.2	46	2.9	26.1	5.6	71				
450635N	673	ARBHB 1399	Central	Anand	33.6	53	3.7	25.8	6.2	73	66	17
450129N				Banswara	31.7	42	3.7	24.7	6.3	51		
451196N				Rahuri	35.4	47	3.5	30.7	7.0	73		
150303			South	Coimbatore	31.0	45	3.8	21.5	5.4	51	62	23
				Dharwad	32.4	45	3.6	23.2	5.5	56		
451340N				Lam	33.4	47	3.3	27.7		66		
				Raichur	33.5	47	3.6	26.8	5.9	65		
		Srivilliputhur	35.8	46	2.9	26.5	5.6	73				
450636N	674	RHB 1119	Central	Anand	34.4	47	3.5	26.0	6.7	67	64	20
450130N				Banswara	33.0	43	3.7	28.0	6.7	58		
451197N				Rahuri	35.5	44	3.3	26.9	6.1	67		
150304			South	Coimbatore	34.7	45	3.7	24.4	6.5	63	66	17
				Dharwad	33.6	43	3.5	22.6	5.4	57		
		Lam	34.1	47	3.2	29.5		70				

National Trials- Br.15a - PHT Interspecific - Hybrid (hir x barb)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451341N				Raichur	35.2	48	3.7	27.3	6.3	71		
				Srivilliputhur	36.4	44	3.5	26.8	5.8	69		
450637N	675	ARBHB 1398	Central	Anand	34.7	52	3.8	26.6	6.5	74	72	4
450131N				Banswara	34.5	43	3.6	28.0	6.7	63		
451198N				Rahuri	36.4	49	3.5	30.6	6.9	79		
			South	Coimbatore	34.8	47	3.4	25.0	6.4	68	68	13
150305				Dharwad	34.2	41	3.6	21.8	5.9	54		
				Lam	35.1	47	3.6	31.2		72		
451342N				Raichur	33.1	51	3.7	28.5	6.3	71		
						Srivilliputhur	37.2	45	3.2	27.6	5.8	74
450638N	676	DCH 32 (CC)	Central	Anand	35.4	48	3.5	26.1	6.6	71	71	7
450132N				Banswara	35.0	43	3.6	26.6	6.5	63		
451199N				Rahuri	37.6	47	3.5	32.0	6.9	80		
			South	Coimbatore	35.1	46	3.7	25.3	6.4	66	71	7
150306				Dharwad	35.3	46	3.2	23.4	5.3	67		
				Lam	35.6	48	3.6	30.7		76		
451343N				Raichur	36.4	47	3.7	29.5	6.2	74		
						Srivilliputhur	36.3	44	2.8	26.9	5.6	72
450639N	677	RHB 1120	Central	Anand	34.8	51	3.3	25.0	6.4	74	73	3
450133N				Banswara	33.7	44	3.2	26.4	6.5	63		
451200N				Rahuri	36.5	48	3.0	32.7	6.7	82		
			South	Coimbatore	34.1	47	3.4	22.9	6.6	64	71	7
150307				Dharwad	34.8	43	2.9	22.4	5.4	63		
				Lam	35.3	46	3.4	29.1		71		
451344N				Raichur	36.9	49	3.2	33.2	6.6	84		
						Srivilliputhur	36.3	45	2.9	26.3	5.6	72
450640N	678	DHB 1398	Central	Anand	31.8	50	4.2	24.2	6.1	60	59	24
450134N				Banswara	32.1	42	3.8	24.4	6.2	51		
451201N				Rahuri	33.7	46	3.3	27.7	6.6	66		
			South	Coimbatore	28.9	48	4.2	19.1	6.1	46	63	21
150308				Dharwad	33.2	44	3.4	23.8	5.4	59		
				Lam	32.5	49	3.7	26.2		64		
451345N				Raichur	33.4	53	3.8	28.9	6.3	74		
						Srivilliputhur	36.6	46	3.4	26.6	5.7	72
450641N	679	DHB 1008	Central	Anand	33.2	49	2.9	25.4	6.2	69	66	17
450135N				Banswara	33.3	40	3.6	24.8	6.3	53		
451202N				Rahuri	35.4	48	3.5	30.1	6.9	74		
			South	Coimbatore	34.3	48	3.5	23.6	6.2	66	68	13
150309				Dharwad	33.3	46	3.5	21.2	6.0	59		
				Lam	33.2	48	3.9	27.5		65		
451346N				Raichur	33.7	53	3.9	29.6	6.3	75		
						Srivilliputhur	37.0	44	3.0	27.3	5.8	73
450642N	680	DHB 1006	Central	Anand	33.5	51	3.5	25.8	6.4	70	71	7
450136N				Banswara	33.4	46	3.4	26.5	6.2	64		
451203N				Rahuri	35.9	49	3.4	30.6	7.2	78		
			South	Coimbatore	33.8	47	3.8	24.7	6.5	63	67	15
150310				Dharwad	33.7	46	3.2	23.6	5.3	64		
				Lam	33.5	48	3.2	28.2		69		
451347N				Raichur	34.3	49	4.4	28.4	6.1	67		
						Srivilliputhur	35.9	46	3.2	26.9	5.7	72

National Trials- Br.15a - PHT Interspecific - Hybrid (hir x barb)												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
450643N	681	LC	Central	Anand	33.5	46	3.5	24.7	6.6	62	68	13
450137N				Banswara	33.3	47	3.7	26.2	6.5	64		
451204N				Rahuri	35.3	50	3.8	31.7	7.4	77		
150311			South	Coimbatore	35.4	47	3.9	22.4	6.6	65	70	9
451348N				Dharwad	34.7	44	3.4	23.4	5.6	62		
				Lam	33.8	48	3.4	28.0		69		
				Raichur	36.8	49	3.6	31.6	6.5	80		
				Srivilliputhur	37.3	44	3.0	27.4	5.6	74		
450644N	682	DHB 1009	Central	Anand	34.4	45	3.5	23.8	6.1	63	69	10
450138N				Banswara	33.2	52	3.7	27.1	6.6	71		
451205N				Rahuri	35.0	48	3.5	30.2	6.8	73		
150312			South	Coimbatore	32.7	46	3.8	24.3	6.6	59	65	19
451349N				Dharwad	33.1	44	3.2	22.9	5.6	59		
				Lam	33.9	49	3.8	29.5		70		
				Raichur	34.1	48	3.7	27.9	6.0	68		
				Srivilliputhur	34.2	47	3.0	26.2	5.7	69		
451206N		Phule-388	Central	Rahuri	35.4	47	3.5	28.9	6.9	72		

#### Br. 22 a/b IET of G. arboreum

National Trials- Br.22a/b G. Arboreum												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451978N	701	CCA2006	Central	Akola	27.4	51	5.7	18.1	5.0	38	41	7
451350N				Amreli	26.2	52	5.1	20.3	6.1	41		
450242N				Jalgaon	27.4	56	5.4	23.8	6.0	51		
451863N				Khandwa	26.2	49	4.5	21.3	6.3	41		
451644N				Nagpur	25.1	50	5.0	19.2	6.1	35		
451486N				Parbhani	26.3	52	5.1	20.6	6.3	41		
450949N			North	Bhatinda	26.2	50	4.9	22.7	6.2	41	37	32
450388N				Faridkot	26.0	51	5.3	20.3	5.8	38		
450813N				Hissar	25.2	49	4.8	20.3	5.9	36		
451748N				SGNR	25.9	49	5.3	19.8	6.1	35		
452147N				Sirsa	25.8	49	5.3	20.0	5.8	34		
150313			South	Dharwad	25.6	51	5.5	19.2	6.0	35	35	45
451979N	702	CISA 6-2	Central	Akola	19.0	57	6.9	16.0	7.3	17	26	66
451351N				Amreli	19.6	53	5.6	15.8	6.6	19		
450243N				Jalgaon	21.1	56	7.2	17.4	6.0	21		
451864N				Khandwa	22.1	50	4.9	17.2	6.1	26		
451645N				Nagpur	22.3	50	5.5	17.4	6.3	24		
451487N				Parbhani	28.5	51	4.9	22.4	6.5	48		
450950N			North	Bhatinda	23.5	51	5.7	18.6	6.0	28	20	76
450389N				Faridkot	20.7	55	7.3	17.0	5.9	18		
450814N				Hissar	20.8	55	7.2	17.1	6.4	19		
451749N				SGNR	20.5	55	7.2	16.0	7.1	17		
452148N				Sirsa	20.1	55	7.2	16.2	6.7	16		
150314			South	Dharwad	19.2	56	6.5	15.6	6.3	18	18	80

National Trials- Br.22a/b G. Arboreum												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
451980N	703	RAAS 752	Central	Akola	25.0	48	6.4	19.0	5.6	25	36	37
451352N				Amreli	24.5	51	5.3	19.6	6.2	34		
450244N				Jalgaon	26.0	55	5.7	21.6	6.0	43		
451865N				Khandwa	24.6	51	4.5	21.6	6.2	39		
451646N				Nagpur	25.1	50	5.0	19.9	6.3	35		
451488N				Parbhani	25.5	54	5.1	20.3	6.5	42		
450951N			North	Bhatinda	26.4	50	5.4	22.6	6.2	39	25	69
450390N				Faridkot	23.2	50	5.8	18.4	5.8	26		
450815N				Hissar	24.5	48	5.3	19.8	6.1	30		
451750N				SGNR	20.9	52	6.9	16.1	6.2	15		
452149N				Sirsa	20.8	52	7.1	16.4	6.7	14		
150315			South	Dharwad	23.7	52	6.4	16.6	6.0	25	25	69
451981N			704	DWDa 1401	Central	Akola	27.2	52	5.1	22.6	6.4	45
451353N	Amreli	25.0				51	5.0	20.6	6.2	37		
450245N	Jalgaon	26.7				54	5.4	21.7	6.0	45		
451866N	Khandwa	25.0				51	4.2	20.5	6.0	40		
451647N	Nagpur	27.0				48	4.8	21.4	6.2	40		
451489N	Parbhani	25.0				50	5.1	20.0	6.5	35		
450952N	North	Bhatinda			26.9	51	5.1	23.0	6.1	43	35	45
450391N		Faridkot			26.7	51	5.4	21.3	5.8	40		
450816N		Hissar			25.3	49	5.0	21.7	6.3	36		
451751N		SGNR			21.0	54	5.6	16.3	6.3	25		
452150N		Sirsa			24.8	49	5.4	18.6	5.7	30		
150316	South	Dharwad			26.6	50	5.4	19.6	5.7	37	37	32
451982N	705	PBD 4			Central	Akola	19.0	56	7.2	16.2	6.6	15
451354N			Amreli	19.7		56	7.2	15.5	6.4	16		
450246N			Jalgaon	20.2		57	7.2	16.9	6.0	20		
451867N			Khandwa	18.5		54	5.3	16.0	6.7	20		
451648N			Nagpur	24.0		50	5.4	17.8	6.1	29		
451490N			Parbhani	18.7		55	7.2	15.7	7.0	12		
450953N			North	Bhatinda	20.3	53	<b>7.2</b>	17.1	6.1	15	16	83
450392N				Faridkot	20.7	55	<b>7.2</b>	17.3	5.9	19		
450817N				Hissar	20.3	54	<b>6.9</b>	16.5	5.5	17		
451752N				SGNR	20.1	56	<b>7.0</b>	16.7	6.6	19		
452151N				Sirsa	19.2	54	<b>7.2</b>	15.6	6.9	12		
150317			South	Dharwad	20.6	56	6.9	15.0	6.9	19	19	78
451983N			706	ARBa1402	Central	Akola	27.3	48	5.4	21.3	6.1	38
451355N	Amreli	25.0				52	5.2	20.2	6.3	37		
450247N	Jalgaon	27.5				53	5.5	22.5	5.8	46		
451868N	Khandwa	24.5				50	4.5	20.5	6.2	36		
451649N	Nagpur	27.2				48	5.1	21.0	6.1	38		
451491N	Parbhani	24.8				52	5.3	19.9	6.5	36		
450954N	North	Bhatinda			28.2	48	5.3	24.7	6.4	43	38	24
450393N		Faridkot			27.4	49	5.4	21.4	5.9	39		
450818N		Hissar			26.2	49	5.1	21.0	5.9	37		
451753N		SGNR			25.7	49	5.0	20.0	6.3	36		
452152N		Sirsa			25.2	49	5.1	19.5	6.1	33		
150318	South	Dharwad			26.6	48	5.4	19.1	5.5	34	34	50
451984N	707	GAM 216			Central	Akola	26.6	52	5.2	21.0	6.5	42
451356N			Amreli	24.4		51	5.4	18.1	6.2	32		



National Trials- Br.22a/b G. Arboreum												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
450248N				Jalgaon	27.5	55	5.5	23.7	6.2	49	35	45
451869N				Khandwa	24.0	51	5.1	19.8	6.6	33		
451650N				Nagpur	24.4	50	5.0	19.1	6.3	33		
451492N				Parbhani	24.8	53	5.3	20.0	6.6	38		
450955N			North	Bhatinda	26.5	51	5.4	22.5	6.4	41		
450394N				Faridkot	25.9	51	5.6	20.2	5.7	36		
450819N				Hissar	25.2	50	5.5	21.1	6.1	34		
451754N				SGNR	25.6	47	5.4	18.8	6.8	30		
452153N				Sirsa	25.2	50	5.4	19.2	5.6	33		
150319			South	Dharwad	24.8	51	5.6	18.1	5.8	32		
451985N	708	JLA 0916	Central	Akola	26.4	52	5.3	21.1	6.2	41	41	7
451357N				Amreli	24.7	52	5.1	20.6	6.3	37		
450249N				Jalgaon	28.0	56	5.3	22.1	6.1	52		
451870N				Khandwa	25.4	51	4.7	21.8	6.3	40		
451651N				Nagpur	25.4	48	5.1	19.6	6.1	33		
451493N				Parbhani	26.6	51	4.6	21.7	6.6	44		
450956N			North	Bhatinda	27.5	49	4.1	24.4	6.1	48	37	32
450395N				Faridkot	26.6	50	5.4	20.7	5.8	38		
450820N				Hissar	26.2	49	4.9	22.1	6.1	39		
451755N				SGNR	23.9	50	5.4	17.8	6.1	29		
452154N	Sirsa	25.1		48	4.9	19.5	6.1	33				
150320	South	Dharwad	25.9	52	5.6	20.6	5.6	38	38	24		
451986N	709	FDK 252	Central	Akola	23.4	51	5.4	17.7	6.6	29	31	60
451358N				Amreli	26.1	50	5.1	21.3	6.4	39		
450250N				Jalgaon	23.8	53	5.5	19.6	5.9	34		
451871N				Khandwa	21.4	52	5.1	16.9	6.2	27		
451652N				Nagpur	23.1	52	5.1	18.1	6.2	31		
451494N				Parbhani	23.0	52	5.6	18.0	6.5	29		
450957N			North	Bhatinda	22.3	53	7.2	18.8	6.1	21	23	72
450396N				Faridkot	23.7	50	7.2	18.2	5.9	20		
450821N				Hissar	22.0	51	5.6	18.3	6.0	25		
451756N				SGNR	25.5	48	5.3	19.2	6.1	32		
452155N	Sirsa	22.7		51	7.1	16.9	5.7	18				
150321	South	Dharwad	22.3	53	6.3	17.1	6.2	24	24	71		
451987N	710	RAAS 751	Central	Akola	25.7	49	5.3	19.6	6.2	34	38	24
451359N				Amreli	22.0	54	5.6	17.1	6.0	28		
450251N				Jalgaon	28.5	54	4.9	22.3	5.7	52		
451872N				Khandwa	25.5	51	4.7	19.8	6.0	40		
451653N				Nagpur	27.6	47	5.1	22.0	6.2	39		
451495N				Parbhani	26.8	49	5.1	20.0	6.4	38		
450958N			North	Bhatinda	22.5	52	5.7	19.0	6.2	28	33	54
450397N				Faridkot	26.7	47	5.6	19.8	5.6	32		
450822N				Hissar	26.5	46	5.4	20.1	5.9	32		
451757N				SGNR	25.6	51	4.9	19.2	6.1	38		
452156N	Sirsa	26.1		49	5.1	19.2	6.0	36				
150322	South	Dharwad	27.3	48	5.2	18.6	5.4	36	36	37		
451988N	711	JLA 0716	Central	Akola	26.6	51	5.4	20.5	6.0	39	38	24
451360N				Amreli	24.8	53	5.1	19.5	6.0	38		
450252N				Jalgaon	26.7	55	5.4	21.8	5.9	46		
451873N				Khandwa	23.6	49	4.9	18.4	6.2	30		

National Trials- Br.22a/b G. Arboreum																
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries				
451654N				Nagpur	25.2	51	5.0	19.6	6.1	37	35	45				
451496N				Parbhani	25.2	51	5.3	19.8	6.3	36						
450959N			North	Bhatinda	25.8	52	5.3	22.5	6.2	41						
450398N				Faridkot	25.3	51	5.4	21.1	5.7	36						
450823N				Hissar	25.3	50	5.4	20.7	5.9	35						
451758N				SGNR	25.7	50	6.2	15.3	4.7	28						
452157N				Sirsa	25.2	49	4.9	19.3	6.0	34						
150323			South	Dharwad	25.0	53	5.7	19.1	5.4	35			35	45		
451989N			712	RG 772	Central	Akola	25.8	51	5.0	19.2			5.9	38	34	50
451361N						Amreli	24.7	49	4.5	18.2			5.9	34		
450253N	Jalgaon	25.6				55	6.7	19.8	5.7	36						
451874N	Khandwa	23.2				51	4.2	17.2	5.8	34						
451655N	Nagpur	24.2				48	5.0	17.5	6.3	28						
451497N	Parbhani	25.7				50	5.2	18.4	5.9	35						
450960N	North	Bhatinda			25.3	49	5.2	20.0	5.9	34	29	63				
450399N		Faridkot			25.1	48	5.6	18.9	5.8	29						
450824N		Hissar			25.2	48	5.4	19.3	5.6	30						
451759N		SGNR			26.5	48	6.9	14.0	4.4	22						
452158N	South	Dharwad			24.5	49	5.5	17.8	5.9	28	29	63				
150324					23.8	52	5.6	15.9	6.2	29						
451990N	713	LC			Central	Akola	26.1	51	4.9	20.7	6.3	41	41	7		
451362N						Amreli	24.4	52	5.3	19.7	6.2	35				
450254N						Jalgaon	27.2	54	5.4	22.5	6.5	47				
451875N			Khandwa	24.4		51	4.4	21.8	6.2	39						
451656N			Nagpur	26.9		49	4.9	21.2	6.1	41						
451498N			Parbhani	26.4		52	5.1	22.3	6.4	43						
450961N			North	Bhatinda	19.4	56	7.2	17.1	6.5	16	15	85				
450400N				Faridkot	20.8	55	7.2	17.0	5.8	19						
450825N				Hissar	21.1	52	7.1	16.9	6.0	15						
451760N				SGNR	21.5	52	6.7	14.5	5.7	17						
452159N			South	Dharwad	18.0	53	7.1	15.5	6.7	8	36	37				
150325					27.1	49	5.5	19.1	5.2	36						
451991N			714	FDK 249	Central	Akola	23.1	50	6.7	17.8	6.6	20			27	65
451363N						Amreli	21.2	53	5.4	16.8	6.3	25				
450255N						Jalgaon	22.5	55	5.6	18.7	5.9	32				
451876N	Khandwa	24.4				52	4.6	21.2	6.6	39						
451657N	Nagpur	20.7				51	5.3	16.2	6.5	22						
451499N	Parbhani	20.7				54	5.6	16.7	6.6	24						
450962N	North	Bhatinda			22.7	53	5.7	19.5	6.3	30	25	69				
450401N		Faridkot			22.1	54	7.1	17.9	6.1	22						
450826N		Hissar			22.1	51	5.8	18.2	6.2	24						
451761N		SGNR			24.6	51	6.6	16.7	5.2	25						
452160N	South	Dharwad			21.9	52	5.7	16.7	6.5	24	21	74				
150326					21.6	52	6.1	15.7	7.0	21						
451992N	715	AKA 2004-29			Central	Akola	26.6	51	5.4	21.5	6.4	40	36	37		
451364N						Amreli	24.5	53	5.2	19.5	6.5	37				
450256N						Jalgaon	25.8	54	5.4	21.5	6.3	42				
451877N			Khandwa	20.5		52	5.3	16.1	6.7	23						
451658N			Nagpur	25.1		52	4.9	20.1	6.1	39						
451500N			Parbhani	24.6		53	5.3	20.8	6.5	38						

National Trials- Br.22a/b G. Arboreum														
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries		
450963N			North	Bhatinda	27.3	51	5.1	23.5	6.5	45	36	37		
450402N				Faridkot	25.7	52	5.4	21.0	6.0	39				
450827N				Hissar	25.9	51	5.1	21.7	6.1	40				
451762N				SGNR	21.1	51	5.4	16.3	6.4	22				
452161N				Sirsa	24.9	50	5.1	18.8	6.0	34				
150327			South	Dharwad	25.5	51	5.7	18.4	5.7	33	33	54		
451993N	716	ARBa1401	Central	Akola	25.3	48	5.3	19.2	6.0	31	35	45		
451365N				Amreli	25.0	51	5.3	18.4	6.1	34				
450257N				Jalgaon	24.5	52	5.4	18.4	5.5	34				
451878N				Khandwa	25.5	51	5.0	21.2	6.3	39				
451659N				Nagpur	26.7	47	4.5	19.4	6.2	38				
451501N				Parbhani	23.1	55	5.3	19.4	6.5	36				
450964N			North	Bhatinda	26.8	51	5.0	21.5	6.1	43	31	60		
450403N				Faridkot	25.0	51	5.7	19.5	5.7	33				
450828N				Hissar	25.2	47	5.4	20.0	5.5	30				
451763N				SGNR	23.6	46	6.3	15.0	5.0	16				
452162N				Sirsa	25.0	50	5.3	19.0	6.1	33				
150328			South	Dharwad	28.6	50	5.8	18.0	5.9	39	39	16		
451994N			717	PBD 2	Central	Akola	19.5	56	5.6	16.4	7.5	24	25	69
451366N						Amreli	27.8	47	4.9	20.9	6.0	39		
450258N	Jalgaon	19.5				57	7.2	16.5	6.2	18				
451879N	Khandwa	21.1				51	5.3	16.5	6.2	23				
451660N	Nagpur	19.8				54	5.3	15.7	6.5	22				
451502N	Parbhani	18.8				56	5.5	15.9	6.0	22				
450965N	North	Bhatinda			21.4	52	6.8	17.9	6.3	18	15	85		
450404N		Faridkot			20.6	53	7.3	17.0	6.2	15				
450829N		Hissar			20.0	55	7.1	16.7	6.4	17				
451764N		SGNR			19.3	53	7.0	14.9	5.8	11				
452163N		Sirsa			20.5	52	7.1	16.1	7.1	13				
150329	South	Dharwad			20.5	56	6.7	14.9	7.5	20	20	76		
451995N	718	DWDa 1402			Central	Akola	27.3	51	4.7	20.9	5.9	45	43	3
451367N						Amreli	19.2	56	5.5	15.7	6.8	23		
450259N			Jalgaon	30.1		56	5.2	25.3	5.7	60				
451880N			Khandwa	26.3		51	4.6	20.8	6.1	42				
451661N			Nagpur	28.0		49	4.7	21.5	6.2	44				
451503N			Parbhani	28.2		50	5.1	21.6	6.4	44				
450966N			North	Bhatinda	27.7	49	5.0	22.9	6.2	43	33	54		
450405N				Faridkot	23.6	47	5.5	17.7	5.8	23				
450830N				Hissar	29.1	46	4.5	23.1	6.0	45				
451765N				SGNR	23.9	46	6.4	14.9	4.9	16				
452164N				Sirsa	28.2	48	5.4	20.3	5.7	39				
150330			South	Dharwad	27.6	49	5.1	21.0	5.5	41	41	7		
451996N			719	NDLA 3077	Central	Akola	23.3	52	5.5	18.6	6.4	30	33	54
451368N						Amreli	22.4	54	5.4	17.8	6.3	31		
450260N	Jalgaon	24.8				57	5.5	21.9	6.0	44				
451881N	Khandwa	22.4				52	5.0	17.9	6.2	29				
451662N	Nagpur	23.4				53	5.3	19.0	6.2	33				
451504N	Parbhani	22.4				55	5.5	18.3	6.4	32				
450967N	North	Bhatinda			24.8	51	5.4	21.4	6.2	35	34	50		
450406N		Faridkot			24.1	56	7.2	19.6	5.5	31				

National Trials- Br.22a/b G. Arboreum														
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries		
450831N				Hissar	24.5	53	5.6	21.1	6.0	36				
451766N				SGNR	24.7	55	6.6	18.6	4.7	33				
452165N				Sirsa	24.4	52	5.5	19.4	5.9	34				
150331			South	Dharwad	21.6	55	6.0	17.8	6.5	27	27	65		
451997N	720	CNA 2009	Central	Akola	26.7	47	4.9	20.4	6.3	36	39	16		
451369N				Amreli	25.6	50	4.9	19.8	6.2	37				
450261N				Jalgaon	26.8	54	5.2	22.9	6.1	47				
451882N				Khandwa	24.7	48	4.5	19.2	6.0	34				
451663N				Nagpur	26.6	50	4.5	21.0	6.2	43				
451505N				Parbhani	25.3	51	5.5	19.3	6.3	35				
450968N			North	Bhatinda	28.5	50	4.6	23.9	6.2	49	40	11		
450407N				Faridkot	27.5	49	5.4	20.9	5.7	39				
450832N				Hissar	27.5	47	5.3	20.5	5.8	36				
451767N				SGNR	25.3	49	5.3	19.7	6.1	33				
452166N			South	Dharwad	Sirsa	27.9	48	4.9	20.7	6.1	41	30	61	
150332					25.3	48	5.6	19.9	5.4	30				
451998N			721	CNA 449	Central	Akola	26.6	51	5.0	21.1	6.4	42	38	24
451370N						Amreli	26.0	50	5.1	20.1	6.2	37		
450262N	Jalgaon	25.6				53	5.1	21.4	6.1	42				
451883N	Khandwa	25.3				50	4.5	20.7	6.2	39				
451664N	Nagpur	25.6				50	4.9	21.0	6.4	38				
451506N	Parbhani	24.4				49	5.3	20.9	6.5	32				
450969N	North	Bhatinda			27.2	49	5.0	21.9	6.0	41	35	45		
450408N		Faridkot			24.1	54	7.1	18.4	5.7	27				
450833N		Hissar			25.1	48	5.0	20.5	6.1	33				
451768N		SGNR			26.1	52	5.4	19.9	6.4	39				
452167N	South	Dharwad			Sirsa	24.9	50	5.1	18.5	5.7	33	36	37	
150333					25.6	51	5.3	19.5	5.7	36				
451999N	722	AKA 2008-7			Central	Akola	27.3	52	5.3	22.1	6.2	44	39	16
451371N						Amreli	24.8	52	5.3	20.1	6.1	36		
450263N			Jalgaon	27.0		54	5.4	23.1	5.8	47				
451884N			Khandwa	23.8		51	4.9	19.4	6.4	34				
451665N			Nagpur	26.0		49	5.1	21.7	6.1	37				
451507N			Parbhani	25.7		51	5.2	20.4	6.5	38				
450970N			North	Bhatinda	27.3	51	5.1	22.0	6.5	44	15	85		
450409N				Faridkot	26.5	54	5.6	21.6	5.8	43				
450834N				Hissar	26.1	51	4.7	22.4	6.1	43				
451769N				SGNR						-92				
452168N			South	Dharwad	Sirsa	26.3	49	5.2	20.3	5.6	36	38	24	
150334					25.9	52	5.5	20.3	5.6	38				
452000N			723	PA 785	Central	Akola	29.9	46	4.9	22.1	5.8	44	46	1
451372N						Amreli	28.1	45	5.0	21.2	6.0	37		
450264N	Jalgaon	30.3				50	4.9	24.4	5.9	53				
451885N	Khandwa	27.1				49	4.5	21.0	6.2	42				
451666N	Nagpur	30.6				47	4.1	25.1	6.1	53				
451508N	Parbhani	28.5				51	4.8	22.4	6.9	49				
450971N	North	Bhatinda			32.7	47	4.3	25.7	6.2	59	37	32		
450410N		Faridkot			29.2	47	5.4	22.2	6.1	42				
450835N		Hissar			29.6	45	5.0	24.1	6.0	43				
451770N		SGNR			25.6	47	5.6	18.1	6.0	28				

National Trials- Br.22a/b G. Arboreum														
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries		
452169N				Sirsa	21.6	51	7.2	16.3	6.8	14				
150335			South	Dharwad	28.6	46	5.0	20.0	5.1	39	39	16		
452001N	724	NDLA 3068	Central	Akola	25.4	51	5.4	20.1	6.5	36	38	24		
451373N				Amreli	25.7	53	5.0	21.2	6.0	42				
450265N				Jalgaon	25.4	53	5.4	19.8	6.0	39				
451886N				Khandwa	23.6	52	5.1	19.9	6.4	34				
451667N				Nagpur	26.0	51	5.0	21.1	6.1	40				
451509N				Parbhani	26.0	51	5.4	21.1	6.8	38				
450972N			North	Bhatinda	27.9	52	5.3	23.8	6.4	47	13	90		
450411N				Faridkot	26.3	50	5.4	20.3	5.6	37				
450836N				Hissar	26.6	51	5.4	22.8	6.1	41				
451771N				SGNR						-92				
452170N						Sirsa	24.6	49	5.3	18.4	6.0	30		
150336					South	Dharwad	24.7	52	5.9	18.8	5.4	32	32	58
452002N			725	CCA 1022	Central	Akola	27.2	51	4.9	22.7	6.3	45	43	3
451374N						Amreli	24.5	51	5.9	21.5	4.4	32		
450266N	Jalgaon	30.0				51	5.4	24.8	6.6	51				
451887N	Khandwa	25.6				50	4.6	22.4	6.3	41				
451668N	Nagpur	26.7				51	4.9	23.0	6.3	44				
451510N	Parbhani	26.5				53	5.2	22.2	6.4	44				
450973N	North	Bhatinda			27.7	52	5.0	23.0	6.6	47	36	37		
450412N		Faridkot			23.1	52	5.6	18.4	5.8	29				
450837N		Hissar			27.0	49	4.7	23.0	6.0	43				
451772N		SGNR			23.4	49	5.5	17.2	6.2	25				
452171N						Sirsa	26.0	50	5.3	20.2	6.1	37		
150337					South	Dharwad	25.3	50	5.4	20.5	5.3	35	35	45
452003N	726	ZC			Central	Akola	25.5	53	5.1	20.6	6.3	41	39	16
451375N						Amreli	25.1	49	5.0	19.6	6.0	34		
450267N			Jalgaon	25.7		51	5.4	21.2	6.2	38				
451888N			Khandwa	24.2		51	4.6	20.1	6.6	36				
451669N			Nagpur	26.8		51	4.9	21.1	6.3	43				
451511N			Parbhani	24.9		53	5.0	20.5	6.6	40				
450974N			North	Bhatinda	20.2	54	7.2	17.6	6.2	16	17	81		
450413N				Faridkot	20.5	56	7.2	17.0	6.0	19				
450838N				Hissar	20.4	54	7.3	17.1	6.3	16				
451773N				SGNR	21.0	53	7.0	17.0	5.4	17				
452172N						Sirsa	19.4	57	6.8	15.9	7.3	19		
150338					South	Dharwad	27.9	49	5.0	19.9	4.9	41	41	7
452004N			727	GAM 219	Central	Akola	25.8	50	4.9	19.2	6.1	37	38	24
451376N						Amreli	24.6	52	4.9	19.1	6.1	37		
450268N	Jalgaon	26.9				50	5.1	21.2	6.0	41				
451889N	Khandwa	24.0				52	4.5	18.7	6.1	37				
451670N	Nagpur	25.8				49	4.5	19.9	6.0	38				
451512N	Parbhani	25.6				53	5.7	20.6	6.2	38				
450975N	North	Bhatinda			26.6	50	4.9	21.2	6.0	41	33	54		
450414N		Faridkot			26.1	51	7.2	19.8	5.9	29				
450839N		Hissar			25.4	49	5.5	20.1	5.9	33				
451774N		SGNR			26.0	50	5.8	18.1	4.4	32				
452173N						Sirsa	24.9	48	5.4	18.4	5.7	29		
150339					South	Dharwad	25.1	52	4.9	18.8	5.8	38	38	24

National Trials- Br.22a/b G. Arboreum														
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries		
452005N	728	HD 514	Central	Akola	21.6	51	6.8	17.3	6.0	17	18	80		
451377N				Amreli	19.1	56	7.2	15.6	6.6	15				
450269N				Jalgaon	20.2	54	7.1	16.9	5.8	16				
451890N				Khandwa	19.1	56	5.5	15.1	6.7	22				
451671N				Nagpur	24.7	46	5.5	18.0	6.2	25				
451513N				Parbhani	19.0	56	7.2	16.0	6.4	15				
450976N			North	Bhatinda	27.4	51	<b>7.3</b>	20.8	6.0	32	22	73		
450415N				Faridkot	22.2	55	<b>7.2</b>	17.7	5.6	23				
450840N				Hissar	21.4	53	<b>6.9</b>	17.5	6.0	19				
451775N				SGNR	24.0	50	<b>6.7</b>	17.6	4.9	23				
452174N				Sirsa	20.7	52	<b>7.2</b>	15.1	6.3	13				
150340			South	Dharwad	19.3	56	<b>7.0</b>	15.1	6.7	16	16	83		
452006N			729	PA 778	Central	Akola	30.0	48	4.9	22.4	6.1	48	41	7
451378N						Amreli	27.8	48	5.0	20.4	6.1	40		
450270N	Jalgaon	29.8				49	5.2	24.0	6.3	48				
451891N	Khandwa	26.7				49	4.3	21.8	6.2	42				
451672N	Nagpur	29.4				45	4.3	23.0	6.2	46				
451514N	Parbhani	19.8				53	5.6	16.1	6.7	20				
450977N	North	Bhatinda			31.1	48	5.1	23.9	6.2	51	38	24		
450416N		Faridkot			29.1	50	5.5	22.6	5.8	45				
450841N		Hissar			28.2	46	5.0	22.0	5.8	39				
451776N		SGNR			24.0	47	6.9	16.0	5.0	16				
452175N		Sirsa			27.8	47	5.3	21.2	6.0	38				
150341	South	Dharwad			27.6	49	5.0	19.6	5.1	40	40	11		
452007N	730	RG 776			Central	Akola	19.6	54	<b>7.0</b>	16.4	7.0	15	14	88
451379N						Amreli	18.3	56	<b>7.3</b>	15.2	6.8	12		
450271N			Jalgaon	19.2		56	<b>7.2</b>	16.4	6.0	15				
451892N			Khandwa	22.6		48	<b>5.6</b>	17.3	6.1	21				
451673N			Nagpur	18.3		55	<b>7.2</b>	14.9	5.9	10				
451515N			Parbhani	18.4		56	<b>7.3</b>	15.7	6.7	12				
450978N			North	Bhatinda	19.2	54	<b>7.2</b>	16.8	6.2	13	13	90		
450417N				Faridkot	21.0	56	<b>7.1</b>	17.6	5.8	21				
450842N				Hissar	19.0	54	<b>7.2</b>	16.8	6.3	12				
451777N				SGNR	16.5	53	<b>7.0</b>	17.0	5.1	6				
452176N				Sirsa	18.8	54	<b>7.2</b>	15.5	6.4	11				
150342			South	Dharwad	19.6	55	<b>7.2</b>	15.1	5.9	14	14	88		

Br-25a/b PHT of Desi Hybrid

National Trials- Br.25a/b PHT- Desi Hybrid														
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries		
452008N	751	AKDH 99	Central	Akola	26.7	49	5.3	19.2	6.5	36	41	2		
451380N				Amreli	26.1	52	5.4	21.3	6.4	40				
450547N				Bharuch	27.9	50	5.2	22.1	6.1	43				
451674N				Nagpur	27.0	55	4.5	24.6	6.4	53				
150345				Pachora	26.1	50	5.1	18.7	5.6	37				
451516N				Parbhani	26.6	51	5.4	15.7	6.4	35				
451207N				Rahuri	27.0	51	5.5	21.6	6.2	41				
450574N				Surat	27.8	53	5.3	21.6	6.2	47				
450979N			North	Bhatinda	28.7	50	5.4	23.2	6.4	45	43	1		
450418N				Faridkot	28.1	54	5.5	24.7	6.3	50				
450843N				Hissar	26.9	52	5.0	22.1	5.7	45				
451778N				SGNR	25.0	50	5.6	17.0	5.1	30				
452009N			752	KR 84	Central	Akola	20.7	54	5.4	16.6	6.8	25	28	10
451381N						Amreli	21.1	52	5.4	16.8	6.5	24		
450548N	Bharuch	21.8				52	5.2	18.1	6.0	27				
451675N	Nagpur	23.0				53	4.9	18.4	6.5	34				
150346	Pachora	23.3				56	5.6	17.5	6.2	35				
451517N	Parbhani	21.7				52	7.3	20.4	6.3	19				
451208N	Rahuri	23.4				51	4.6	18.0	6.3	33				
450575N	Surat	21.5				54	5.3	17.8	6.3	29				
450980N	North	Bhatinda			23.3	51	7.1	18.8	6.4	21	21	12		
		Faridkot			*	*	*	*	*	*				
450844N		Hissar			21.0	51	5.4	18.0	6.3	23				
451779N		SGNR			20.9	53	6.5	16.5	5.9	19				
452010N	753	FMDH 44			Central	Akola	28.0	50	4.9	22.3	6.3	45	30	8
451382N						Amreli	21.3	52	5.6	17.1	6.2	23		
450549N			Bharuch	22.8		52	5.4	18.7	6.3	30				
451676N			Nagpur	22.0		52	5.1	17.7	6.7	29				
150347			Pachora	22.8		53	6.3	16.8	6.2	25				
451518N			Parbhani	21.4		53	5.5	17.0	6.7	26				
451209N			Rahuri	24.4		52	5.6	19.0	6.2	33				
450576N			Surat	23.8		52	5.6	18.9	6.4	31				
450981N			North	Bhatinda	22.0	52	7.3	18.4	6.1	18	19	15		
450419N				Faridkot	22.9	54	7.2	18.3	5.9	24				
450845N				Hissar	21.3	52	7.2	17.8	5.9	16				
451780N				SGNR	22.4	51	7.0	16.0	5.6	17				
452011N			754	Mahabeej DH 905	Central	Akola	26.4	45	5.4	18.5	5.9	29	37	4
451383N						Amreli	25.1	52	5.4	19.5	6.4	36		
450550N	Bharuch	27.1				50	4.9	21.1	6.2	42				
451677N	Nagpur	26.0				48	4.7	20.2	4.1	37				
150348	Pachora	26.9				51	4.8	17.8	5.8	41				
451519N	Parbhani	25.2				53	5.3	17.3	6.5	36				
451210N	Rahuri	27.2				50	5.3	21.0	6.1	40				
450577N	Surat	26.9				49	5.3	19.4	6.0	37				
450982N	North	Bhatinda			28.2	51	5.1	22.8	6.4	47	34	6		
450420N		Faridkot			20.4	55	7.2	17.0	5.9	18				
450846N		Hissar			27.5	49	5.1	20.7	5.7	40				
451781N		SGNR			25.9	50	5.8	17.5	5.1	32				

National Trials- Br.25a/b PHT- Desi Hybrid														
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries		
452012N	755	ZC	Central	Akola	18.9	55	5.6	16.0	7.0	21	34	6		
451384N				Amreli	24.5	55	5.5	20.3	6.4	39				
450551N				Bharuch	25.4	50	5.4	20.3	6.4	35				
451678N				Nagpur	25.5	51	5.3	21.3	6.5	38				
150349				Pachora	25.7	49	5.9	18.4	5.4	30				
451520N				Parbhani	24.2	53	5.6	20.1	6.7	35				
451211N				Rahuri	25.5	51	5.7	20.7	6.3	35				
450578N				Surat	25.2	53	5.7	19.9	5.9	37				
450983N			North	Bhatinda	19.6	55	7.1	17.1	6.2	16	14	18		
450421N				Faridkot	21.5	51	7.1	17.2	6.0	15				
450847N				Hissar	19.3	54	7.2	17.0	6.9	13				
451782N				SGNR	19.3	53	6.7	15.3	6.9	13				
452013N			756	NACH 461	Central	Akola	21.4	54	6.7	16.7	6.8	21	31	7
451385N						Amreli	24.0	51	5.5	18.8	6.1	31		
450552N	Bharuch	24.6				52	5.6	20.0	6.0	34				
451679N	Nagpur	23.5				51	5.2	18.4	6.0	31				
150350	Pachora	22.1				56	6.4	14.9	5.5	26				
451521N	Parbhani	23.5				53	5.5	20.1	6.2	33				
451212N	Rahuri	24.2				53	5.7	19.2	6.1	33				
450579N	Surat	25.2				53	5.4	19.5	5.7	38				
450984N	North	Bhatinda			25.4	54	7.2	20.9	6.1	32	29	9		
450422N		Faridkot			23.3	50	5.8	18.6	5.8	26				
450848N		Hissar			25.0	48	5.5	20.8	6.0	31				
451783N		SGNR			24.0	52	6.7	18.5	4.6	26				
452014N	757	CISAA 29			Central	Akola	26.5	52	4.9	22.1	6.5	44	22	11
451386N						Amreli	21.3	54	7.2	16.0	6.4	18		
450553N			Bharuch	21.0		54	7.1	17.3	6.4	18				
451680N			Nagpur	20.2		52	5.4	16.3	6.5	21				
150351			Pachora	20.9		56	6.4	15.7	5.9	23				
451522N			Parbhani	21.7		53	7.2	17.1	6.6	18				
451213N			Rahuri	22.4		52	7.1	17.5	5.9	19				
450580N			Surat	22.0		51	7.3	17.7	6.2	16				
450985N			North	Bhatinda	22.4	53	7.2	18.4	6.4	21	20	13		
450423N				Faridkot	22.3	51	7.2	18.3	5.9	18				
450849N				Hissar	20.8	53	5.7	18.0	6.1	24				
451784N				SGNR	21.9	50	6.6	16.3	6.2	17				
452015N			758	LC	Central	Akola	22.7	54	5.5	17.9	6.4	31	38	3
451387N						Amreli	24.6	52	5.4	19.5	6.4	35		
450554N	Bharuch	25.6				50	4.7	20.0	6.1	38				
451681N	Nagpur	26.8				52	4.8	23.1	6.4	46				
150352	Pachora	26.0				52	5.4	20.9	5.4	39				
451523N	Parbhani	25.6				51	5.3	20.5	6.3	37				
451214N	Rahuri	25.5				51	5.5	19.6	5.9	35				
450581N	Surat	26.0				51	5.0	19.5	5.9	39				
450986N	North	Bhatinda			21.8	55	7.2	18.0	6.3	22	18	16		
450424N		Faridkot			21.2	53	7.2	17.4	6.2	17				
450850N		Hissar			19.3	55	5.7	17.1	6.3	22				
451785N		SGNR			19.0	52	7.0	15.0	6.0	9				
452016N	759	AAH 36			Central	Akola	28.0	48	5.4	21.9	6.7	40	19	15
451388N						Amreli	18.3	55	7.0	15.2	6.9	12		



National Trials- Br.25a/b PHT- Desi Hybrid														
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries		
450555N				Bharuch	21.7	51	5.6	17.2	5.8	23				
451682N				Nagpur	19.0	54	7.2	15.4	6.8	11				
150353				Pachora	20.3	54	6.1	14.2	6.4	19				
451524N				Parbhani	19.1	54	6.7	15.8	6.6	14				
451215N				Rahuri	20.1	56	7.2	16.7	6.4	18				
450582N				Surat	19.0	55	7.2	16.5	6.4	14				
450987N				North	Bhatinda	19.7	56	7.3	17.0	6.5			17	15
450425N			Faridkot		20.5	55	7.1	16.6	6.1	18				
450851N			Hissar		19.1	55	6.8	17.0	6.0	16				
451786N			SGNR		20.0	52	7.0	14.0	5.3	11				
451216N				JLA-794	Central	Rahuri	26.4	51	5.3	21.2	5.9	40		

### Br.32b IET of G. herbaceum

National Trials- Br.32b IET of G. Herbaceum												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
450556N	801	DWDh 1402	Central	Bharuch	21.6	53	5.4	17.4	5.8	27	27	18
144107				Surat	22.2	50	5.1	17.6	4.7	26		
450557N	802	RAHS 804	Central	Bharuch	25.1	51	5.4	20.0	6.1	35	31	12
144108				Surat	22.8	50	5.3	17.6	4.7	26		
450558N	803	RAHS 803	Central	Bharuch	22.8	53	5.5	18.4	6.2	30	29	16
144109				Surat	23.1	51	5.6	18.0	4.7	28		
450559N	804	GShv 497/10	Central	Bharuch	23.5	51	5.4	18.8	5.9	30	32	11
144110				Surat	24.6	48	4.7	21.2	5.0	34		
450560N	805	GShv 453/10	Central	Bharuch	23.7	53	5.3	18.6	6.0	34	34	7
144111				Surat	24.2	50	4.8	20.6	5.0	35		
450561N	806	GBhv - 297	Central	Bharuch	24.6	52	4.9	18.9	5.8	37	37	1
144112				Surat	23.8	52	4.5	20.2	5.1	37		
450562N	807	ZC	Central	Bharuch	24.7	51	5.5	18.8	5.7	33	34	7
144113				Surat	25.6	48	4.6	20.0	4.9	36		
450563N	808	GBhv -298	Central	Bharuch	23.4	51	5.4	17.9	5.7	29	30	14
144114				Surat	23.7	49	4.6	18.5	4.7	31		
450564N	809	ANGh 1401	Central	Bharuch	25.8	52	5.3	18.9	5.6	38	35	3
144115				Surat	23.8	50	5.0	20.2	4.9	32		
450565N	810	RAHS 802	Central	Bharuch	23.3	54	5.4	17.8	5.5	33	30	14
144116				Surat	21.1	53	5.2	18.5	4.7	27		
450566N	811	GBhv - 299	Central	Bharuch	23.6	53	5.1	18.3	5.7	34	35	3
144117				Surat	23.0	50	4.0	20.5	4.8	35		
450567N	812	GShv 424/10	Central	Bharuch	24.8	53	5.3	19.1	5.9	37	34	7
144118				Surat	23.3	49	5.0	20.6	5.0	31		
450568N	813	DWDh 1401	Central	Bharuch	23.9	52	5.2	18.4	5.9	33	30	14
144119				Surat	22.4	50	5.1	19.7	4.9	28		
450569N	814	LC	Central	Bharuch	24.4	51	5.2	18.4	5.8	33	33	9
144120				Surat	24.9	49	4.9	19.0	4.9	33		
450570N	815	GShv 420/10	Central	Bharuch	24.6	52	5.4	18.7	6.0	34	34	7
144121				Surat	24.3	49	4.7	20.5	4.9	33		

National Trials- Br.32b IET of G. Herbaceum												
Sample No.	Code No.	Entry Name	Zone	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Mean HSC (Zonal)	Rank of entries
450571N	816	GBhv - 296	Central	Bharuch	24.7	54	5.1	18.7	5.8	39	35	3
144122				Surat	23.9	50	4.8	17.3	4.8	31		
450572N	817	ANGh 1402	Central	Bharuch	22.8	52	5.4	17.7	5.7	29	28	17
144123				Surat	23.3	50	5.3	17.4	4.7	27		
450573N	818	RAHS 801	Central	Bharuch	26.2	49	5.4	19.4	5.9	35	32	11
144124				Surat	23.0	51	4.8	17.2	4.6	30		

## North Zone Trials

Br-03a PVT G. Hirsutum (Irrigated)

Zonal Trials North: Br0-3a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
1203	4001	CSH 3088	Hisar	28.2	50	4.5	22.1	6.6	48	7
1031			Faridkot	28.8	45	4.0	22.6	6.3	45	19
971			Sgnr	29.1	47	4.4	22.7	6.5	47	10
982			Sirsa	29.2	49	4.6	23.7	6.5	50	<b>2</b>
<b>1278</b>			<b>Bathinda</b>	<b>30.4</b>	<b>48</b>	<b>4.4</b>	<b>25.3</b>	<b>6.6</b>	<b>53</b>	<b>1</b>
1279	4002	LH 2232	Bathinda	25.6	50	4.7	20.4	6.3	39	50
1204			Hisar	26.1	48	4.5	19.6	6.4	37	53
<b>1032</b>			<b>Faridkot</b>	<b>26.5</b>	<b>50</b>	<b>4.5</b>	<b>20.3</b>	<b>6.3</b>	<b>42</b>	35
<b>983</b>			<b>Sirsa</b>	<b>27.4</b>	<b>49</b>	<b>4.8</b>	<b>20.8</b>	<b>6.4</b>	<b>42</b>	35
972			Sgnr	27.7	47	4.4	20.8	6.4	41	40
1033	4003	ZC (H 1300)	Faridkot	25.3	49	4.9	19.1	6.2	34	55
1205			Hisar	26.0	49	4.1	19.9	6.3	41	40
984			Sirsa	26.3	50	4.9	20.4	6.5	39	50
<b>1280</b>			<b>Bathinda</b>	<b>26.8</b>	<b>50</b>	<b>4.4</b>	<b>21.0</b>	<b>6.3</b>	<b>44</b>	25
973			Sgnr	27.0	48	4.9	20.1	6.4	38	52
985	4004	F 2296	Sirsa	26.6	51	4.7	21.2	6.6	43	30
1034			Faridkot	26.8	49	4.5	20.4	6.3	41	40
<b>1281</b>			<b>Bathinda</b>	<b>28.0</b>	<b>50</b>	<b>4.6</b>	<b>22.8</b>	<b>6.5</b>	<b>47</b>	10
1206			Hisar	28.2	49	4.5	22.3	6.4	46	14
974			Sgnr	28.7	47	4.9	22.0	6.6	43	30
1282	4005	Su-Flum	Bathinda	26.2	51	4.3	21.4	6.4	44	25
975			Sgnr	26.3	50	4.8	20.5	6.6	40	45
986			Sirsa	26.8	49	4.4	20.3	6.4	42	35
1207			Hisar	26.9	49	4.3	21.0	6.4	43	30
<b>1035</b>			<b>Faridkot</b>	<b>27.1</b>	<b>50</b>	<b>4.0</b>	<b>20.9</b>	<b>6.4</b>	<b>46</b>	14
987	4006	LC	Sirsa	24.9	51	5.1	19.4	6.4	35	54
976			Sgnr	25.4	50	4.2	19.9	6.3	40	45
1208			Hisar	25.9	50	4.5	19.9	6.3	40	45
1036			Faridkot	26.3	49	4.6	20.3	6.3	39	50
<b>1283</b>			<b>Bathinda</b>	<b>27.1</b>	<b>51</b>	<b>4.8</b>	<b>22.3</b>	<b>6.6</b>	<b>45</b>	19
977	4007	SCS 1211	Sgnr	26.1	49	4.5	19.8	6.2	39	50
1284			Bathinda	26.6	50	4.5	21.1	6.4	43	30
1037			Faridkot	27.0	48	4.2	20.2	6.3	42	35
988			Sirsa	27.1	48	4.5	20.2	6.2	40	45
<b>1209</b>			<b>Hisar</b>	<b>27.3</b>	<b>48</b>	<b>3.8</b>	<b>20.6</b>	<b>6.2</b>	<b>45</b>	19
1210	4008	LH 2306	Hisar	25.2	51	4.4	20.5	6.5	41	40
978			Sgnr	25.8	50	4.5	20.7	6.5	40	45

Zonal Trials North: Br0-3a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
1038			Faridkot	27.0	47	4.1	19.9	6.2	40	45
1285			Bathinda	27.4	51	4.6	21.7	6.4	46	14
<b>989</b>			<b>Sirsa</b>	<b>28.1</b>	<b>51</b>	<b>4.3</b>	<b>22.5</b>	<b>6.6</b>	<b>50</b>	<b>2</b>
979	4009	QC (F 2164)	Sgnr	27.2	49	4.5	20.6	6.4	42	35
1211			Hisar	27.3	50	4.6	21.2	6.4	44	25
1039			Faridkot	28.0	50	4.5	22.3	6.5	47	10
990			Sirsa	28.3	48	4.4	21.0	6.3	45	19
<b>1286</b>			<b>Bathinda</b>	<b>28.6</b>	<b>49</b>	<b>4.6</b>	<b>23.8</b>	<b>6.4</b>	<b>48</b>	<b>7</b>
980			4010	PUSA 5760	Sgnr	26.8	50	4.4	21.5	6.5
1212	Hisar	27.1			50	4.6	21.5	6.5	44	25
1040	Faridkot	28.1			49	4.6	21.7	6.5	45	19
991	Sirsa	28.8			48	4.9	22.9	6.5	45	19
<b>1287</b>	<b>Bathinda</b>	<b>28.9</b>			<b>48</b>	<b>4.6</b>	<b>24.1</b>	<b>6.3</b>	<b>48</b>	<b>7</b>
1213	4011	LH 2220			Hisar	26.8	50	4.1	21.9	6.6
981			Sgnr	27.7	47	4.0	20.8	6.4	43	30
992			Sirsa	27.8	51	4.4	21.9	6.4	48	7
1041			Faridkot	27.8	49	4.6	21.2	6.4	44	25
<b>1288</b>			<b>Bathinda</b>	<b>30.4</b>	<b>48</b>	<b>4.4</b>	<b>25.4</b>	<b>6.6</b>	<b>53</b>	<b>1</b>

#### Br-05a Co-ordinated Hybrid Trials

Zonal Trials North: Br0-5a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
1042	4021	CSHG-1729	Faridkot	28.4	48	4.4	21.0	6.2	45	24
<b>150095</b>			<b>Hisar</b>	<b>28.6</b>	<b>52</b>	<b>4.3</b>	<b>22.5</b>	<b>4.6</b>	<b>53</b>	<b>3</b>
1289			Bathinda	29.0	48	4.5	23.4	6.5	48	14
961			Sgnr	29.6	46	4.2	23.2	6.5	48	14
150096	4022	ZC(CSHH198)	Hisar	27.2	51	4.3	24.0	4.4	49	11
962			Sgnr	27.5	50	4.5	22.0	6.6	46	20
1043			Faridkot	27.9	50	4.6	22.6	6.5	47	16
<b>1290</b>			<b>Bathinda</b>	<b>28.5</b>	<b>51</b>	<b>4.7</b>	<b>23.3</b>	<b>6.4</b>	<b>50</b>	<b>7</b>
1044	4023	HSHH 31	Faridkot	26.2	52	5.2	20.8	6.4	41	34
150097			Hisar	26.3	51	4.8	21.4	4.6	42	32
<b>1291</b>			<b>Bathinda</b>	<b>27.1</b>	<b>52</b>	<b>5.1</b>	<b>21.9</b>	<b>6.5</b>	<b>45</b>	<b>24</b>
963			Sgnr	28.0	48	5.1	21.6	6.6	41	34
1045	4024	FHH 209	Faridkot	26.6	49	4.6	19.7	6.3	40	36

Zonal Trials North: Br0-5a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
1292	<b>150098</b>		Bathinda	26.7	48	4.7	20.2	6.1	38	39
<b>150098</b>			Hisar	<b>27.1</b>	<b>53</b>	<b>4.3</b>	<b>20.7</b>	<b>4.6</b>	<b>49</b>	11
964			Sgnr	27.6	49	4.7	20.7	6.3	43	29
965	4025	Local Check	Sgnr	26.5	48	4.8	20.0	6.2	37	40
150099			Hisar	26.7	52	4.5	20.7	4.7	45	24
1046			Faridkot	27.2	51	4.6	21.5	6.4	45	24
<b>1293</b>			<b>Bathinda</b>	<b>27.8</b>	<b>51</b>	<b>4.7</b>	<b>21.7</b>	<b>6.2</b>	<b>47</b>	16
966	4026	FHH 231	Sgnr	27.0	48	4.6	19.9	6.2	39	37
1047			Faridkot	27.7	48	4.3	20.4	6.3	43	29
<b>150100</b>			Hisar	<b>27.8</b>	<b>50</b>	<b>4.3</b>	<b>19.9</b>	<b>4.8</b>	<b>46</b>	20
<b>1294</b>			<b>Bathinda</b>	<b>29.2</b>	<b>48</b>	<b>4.9</b>	<b>23.1</b>	<b>6.2</b>	<b>46</b>	20
967	4027	HHH 494	Sgnr	26.4	49	4.6	20.3	6.4	40	36
150101			Hisar	27.4	49	4.6	21.7	4.5	43	29
<b>1048</b>			<b>Faridkot</b>	<b>27.6</b>	<b>50</b>	<b>3.8</b>	<b>21.1</b>	<b>6.2</b>	<b>49</b>	11
1295			Bathinda	27.7	48	4.7	21.3	6.3	42	32
150102	4028	CSHH-2012	Hisar	26.6	47	4.4	20.0	5.0	38	39
<b>968</b>			<b>Sgnr</b>	<b>26.6</b>	<b>51</b>	<b>4.5</b>	<b>20.8</b>	<b>6.6</b>	<b>44</b>	26
1296			Bathinda	27.9	48	4.5	21.0	6.2	43	29
1049			Faridkot	28.1	51	4.2	21.6	6.3	50	7
<b>969</b>	4029	ARCH 3244	<b>Sgnr</b>	<b>30.3</b>	<b>50</b>	<b>4.8</b>	<b>25.2</b>	<b>6.6</b>	<b>54</b>	<b>2</b>
150103			Hisar	30.4	49	5.1	23.0	4.0	50	7
<b>1050</b>			<b>Faridkot</b>	<b>30.9</b>	<b>48</b>	<b>4.8</b>	<b>25.6</b>	<b>6.6</b>	<b>53</b>	<b>3</b>
<b>1297</b>			<b>Bathinda</b>	<b>30.9</b>	<b>49</b>	<b>4.8</b>	<b>25.4</b>	<b>6.4</b>	<b>54</b>	<b>1</b>
1298	4030	FHH 234	Bathinda	28.8	48	4.2	23.8	6.3	49	11
1051			Faridkot	29.0	46	3.9	21.9	6.2	47	16
970			Sgnr	29.2	46	4.3	22.3	6.4	46	20
<b>150104</b>			<b>Hisar</b>	<b>29.3</b>	<b>51</b>	<b>4.3</b>	<b>21.2</b>	<b>4.7</b>	<b>52</b>	<b>5</b>

Br 06 a PVT Compact Genotypes

Zonal Trials North: Br0-6a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
1299	4031	CSH 3075	Bathinda	26.4	51	4.5	21.0	6.5	44	11
150105			Hisar	27.3	50	4.4	20.1	4.9	44	11
1052			Faridkot	27.3	48	3.9	21.0	6.5	44	11
<b>947</b>			<b>SGNR</b>	<b>27.7</b>	<b>51</b>	<b>4.4</b>	<b>21.4</b>	<b>6.5</b>	<b>48</b>	<b>2</b>
150106	4032	H 1465	Hisar	26.6	51	4.2	19.4	5.4	44	11
1300			Bathinda	27.4	51	4.6	21.4	6.4	46	<b>4</b>
<b>1053</b>			<b>Faridkot</b>	<b>27.8</b>	<b>50</b>	<b>4.2</b>	<b>21.9</b>	<b>6.5</b>	<b>48</b>	<b>1</b>
948			SGNR	28.1	49	4.3	21.4	6.5	46	<b>4</b>
150107	4033	RS 2718	Hisar	25.3	49	4.3	19.9	5.2	38	31
1054			Faridkot	25.7	49	4.1	20.2	6.4	40	24
<b>1301</b>			<b>Bathinda</b>	<b>26.5</b>	<b>51</b>	<b>4.5</b>	<b>21.2</b>	<b>6.4</b>	<b>44</b>	11
949			SGNR	27.5	49	4.9	21.0	6.6	42	19
1055	4034	Local Check	Faridkot	26.5	48	4.3	19.8	6.2	40	24
<b>150108</b>			<b>Hisar</b>	<b>27.1</b>	<b>52</b>	<b>4.7</b>	<b>20.4</b>	<b>4.7</b>	<b>45</b>	6
950			SGNR	27.2	50	4.9	20.8	6.5	42	19
1302			Bathinda	27.7	49	4.8	21.3	6.3	43	15
150109	4035	LH 2298	Hisar	25.8	51	4.2	20.6	5.4	43	15
<b>1056</b>			<b>Faridkot</b>	<b>27.4</b>	<b>51</b>	<b>4.7</b>	<b>21.4</b>	<b>6.4</b>	<b>45</b>	6
<b>1303</b>			<b>Bathinda</b>	<b>27.4</b>	<b>51</b>	<b>4.8</b>	<b>21.9</b>	<b>6.5</b>	<b>45</b>	6
951			SGNR	28.2	48	4.5	21.2	6.4	44	11
150110	4036	CSH 3178	Hisar	25.1	51	4.6	18.2	4.7	37	32
952			SGNR	25.9	50	4.7	19.8	6.4	39	28
<b>1057</b>			<b>Faridkot</b>	<b>26.6</b>	<b>49</b>	<b>4.4</b>	<b>19.9</b>	<b>6.2</b>	<b>41</b>	22
1304			Bathinda	26.6	49	4.8	20.7	6.2	39	28
1058	4037	F 2381	Faridkot	26.7	49	4.5	20.3	6.3	41	22
<b>150111</b>			<b>Hisar</b>	<b>26.9</b>	<b>49</b>	<b>4.2</b>	<b>19.5</b>	<b>4.7</b>	<b>42</b>	19
953			SGNR	26.9	49	4.9	20.4	6.5	40	24
<b>1305</b>			<b>Bathinda</b>	<b>27.5</b>	<b>49</b>	<b>4.8</b>	<b>21.1</b>	<b>6.3</b>	<b>42</b>	19
1059	4038	F 2383	Faridkot	25.3	49	4.0	19.6	6.1	39	28
<b>150112</b>			<b>Hisar</b>	<b>27.2</b>	<b>50</b>	<b>4.7</b>	<b>20.4</b>	<b>5.1</b>	<b>43</b>	15
1306			Bathinda	27.2	48	4.8	20.2	6.2	39	28
954			SGNR	27.4	48	4.9	20.5	6.4	39	28
955		Local Check	SGNR	26.8	48	5.0	20.1	6.3	37	—
150113		Local Check	Hisar	27.1	50	4.4	21.4	4.6	45	—

Br 24a CVT G. arboreum

Zonal Trials North: Br-24a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
1060	4041	ZC	Faridkot	20.5	52	7.2	17.2	6.6	14	17
<b>150114</b>			<b>Hisar</b>	<b>20.6</b>	<b>54</b>	<b>6.6</b>	<b>17.6</b>	<b>6.1</b>	<b>20</b>	6
956			Sgnr	21.3	52	7.2	17.4	6.7	16	10
—			Bathinda	—	—	—	—	—	—	—
1274	4042	LD 1019	Bathinda	22.2	51	7.2	17.6	6.5	17	8
<b>150115</b>			<b>Hisar</b>	<b>22.5</b>	<b>51</b>	<b>6.1</b>	<b>16.0</b>	<b>6.6</b>	<b>22</b>	<b>1</b>
957			Sgnr	22.6	50	7.2	17.6	6.6	17	8
1061			Faridkot	22.9	52	7.2	18.1	6.6	21	<b>3</b>
1275	4043	LC	Bathinda	19.5	52	7.2	16.3	6.9	10	19
958			Sgnr	20.6	51	7.2	17.0	6.4	12	18
1062			Faridkot	20.8	53	7.2	17.3	6.4	16	10
<b>150116</b>			<b>Hisar</b>	<b>22.1</b>	<b>51</b>	<b>6.4</b>	<b>16.6</b>	<b>5.7</b>	<b>20</b>	6
959	4044	FDK 230	Sgnr	21.1	52	7.2	17.2	6.5	15	14
1276			Bathinda	21.2	52	7.3	17.2	6.6	15	14
<b>150117</b>			<b>Hisar</b>	<b>21.3</b>	<b>55</b>	<b>6.8</b>	<b>16.5</b>	<b>6.2</b>	<b>21</b>	<b>4</b>
1063			Faridkot	21.6	50	7.2	17.3	6.3	14	17
1064	4045	,	Faridkot	20.9	53	7.2	17.4	6.5	16	10
1277			Bathinda	20.9	52	7.2	17.2	6.7	15	14
960			Sgnr	21.0	52	7.2	17.1	6.6	15	14
<b>150118</b>			<b>Hisar</b>	<b>22.1</b>	<b>52</b>	<b>6.3</b>	<b>16.8</b>	<b>5.9</b>	<b>22</b>	<b>2</b>

## Central Zone

Br-03 a

Zonal Trials Central: Br-03a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
143083	4101	GJHV-516	Rahuri	25.4	53	4.1	20.6	5.2	45	29
142755			Junagadh	27.2	49	4.6	22.4	5.5	43	35
144667			Talod	28.5	48	4.5	20.5	5.1	43	31
142831			Surat	29.1	49	4.5	21.2	5.7	48	21
143847			<b>Bhavanipatna</b>	<b>30.0</b>	<b>52</b>	<b>4.5</b>	<b>21.7</b>	<b>5.6</b>	<b>54</b>	12
144668	4102	GSHV-169	Talod	25.3	46	4.9	20.4	4.8	31	49
142832			Surat	26.5	51	4.6	22.3	5.6	44	30
142756			Junagadh	26.7	48	4.7	21.1	5.2	39	40
143084			<b>Rahuri</b>	<b>27.6</b>	<b>50</b>	<b>3.6</b>	<b>23.5</b>	<b>5.2</b>	<b>52</b>	16
143848			Bhavanipatna	28.3	47	4.6	22.9	5.3	43	32
144669	4103	Quality Check (Suraj)	Talod	29.5	48	4.6	23.2	5.3	48	25
142757			Junagadh	30.8	53	4.7	24.2	5.8	59	6
143085			Rahuri	31.4	51	4.2	24.4	5.5	61	4
143849			Bhavanipatna	32.1	52	4.5	25.8	5.8	63	<b>3</b>
142833			<b>Surat</b>	<b>33.0</b>	<b>51</b>	<b>4.1</b>	<b>26.0</b>	<b>6.1</b>	<b>67</b>	<b>2</b>
144670	4104	GJHV 514	Talod	26.4	47	5.0	19.7	5.1	35	44
142834			Surat	26.6	53	3.8	21.9	5.5	51	18
142758			Junagadh	27.0	50	4.6	20.1	5.3	43	34
143086			Rahuri	27.4	52	3.9	21.2	5.3	51	19
143850			<b>Bhavanipatna</b>	<b>29.8</b>	<b>50</b>	<b>4.2</b>	<b>20.9</b>	<b>5.4</b>	<b>53</b>	15
142759	4105	ZC (CNHO 12)	Junagadh	23.9	50	5.1	20.7	5.3	32	46
143087			Rahuri	24.4	53	4.5	21.6	5.3	42	37
143851			Bhavanipatna	25.0	49	5.0	20.7	5.3	34	45
142835			<b>Surat</b>	<b>26.0</b>	<b>53</b>	<b>4.1</b>	<b>22.0</b>	<b>5.4</b>	<b>48</b>	23
144671			Talod	27.9	44	5.2	18.8	5.2	32	47
143088	4106	P 5430	Rahuri	26.6	50	3.7	22.9	5.3	48	22
142760			<b>Junagadh</b>	<b>26.8</b>	<b>50</b>	<b>4.6</b>	<b>21.1</b>	<b>5.4</b>	<b>43</b>	33
142836			Surat	26.8	53	4.4	22.2	5.5	49	20
143852			Bhavanipatna	27.4	52	5.1	23.2	5.4	46	27
144672			Talod	27.8	46	4.7	19.0	4.9	37	43
144673	4107	LC	Talod	24.5	47	4.9	22.5	5.2	32	48
142837			Surat	25.7	52	4.2	23.4	5.5	46	28
143089			Rahuri	26.3	51	4.1	23.3	5.4	48	24
142761			Junagadh	26.6	51	4.9	22.4	5.3	43	36
143853			<b>Bhavanipatna</b>	<b>36.2</b>	<b>51</b>	<b>4.5</b>	<b>23.9</b>	<b>5.6</b>	<b>71</b>	<b>1</b>
144674	4108	GSHV-164	Talod	26.9	42	5.0	21.6	5.2	31	50
142762			Junagadh	27.8	46	4.7	21.9	5.4	40	39



Zonal Trials Central: Br-03a												
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone		
142838			Surat	27.9	51	4.0	25.4	5.6	53	14		
143090			<b>Rahuri</b>	<b>28.8</b>	<b>51</b>	<b>3.3</b>	<b>25.3</b>	<b>5.4</b>	<b>59</b>	7		
143854			Bhavanipatna	30.9	49	4.1	25.6	5.4	58	9		
144675	4109	TCH 1777	Talod	27.7	46	4.4	19.5	5.0	39	41		
142839			<b>Surat</b>	<b>29.9</b>	<b>53</b>	<b>3.9</b>	<b>23.4</b>	<b>5.6</b>	<b>60</b>	5		
142763			Junagadh	30.8	50	4.6	22.9	5.6	55	11		
143091			Rahuri	31.6	43	4.5	22.6	5.7	46	26		
143855			Bhavanipatna	32.0	51	5.1	22.1	5.6	57	10		
144676			4110	CCH 12-2	Talod	26.3	49	4.9	20.9	5.1	38	42
142764					Junagadh	27.4	49	4.7	20.3	5.2	41	38
142840	<b>Surat</b>	<b>28.5</b>			<b>54</b>	<b>3.9</b>	<b>24.1</b>	<b>5.5</b>	<b>58</b>	8		
143856	Bhavanipatna	28.8			51	4.6	23.0	5.5	51	17		
143092	Rahuri	29.1			51	4.0	22.9	5.4	54	13		

Br-04 a

Zonal Trials Central: Br-04a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
142841	4121	SCS 1062	Surat	27.9	51	4.9	24.3	5.7	47	15
142765			Junagadh	28.1	49	5.0	21.9	5.5	44	21
143094			Rahuri	28.7	50	4.1	24.2	5.4	52	9
143857			<b>Bhavanipatna</b>	<b>30.7</b>	<b>51</b>	<b>4.1</b>	<b>23.5</b>	<b>5.4</b>	<b>58</b>	<b>3</b>
143858	4122	BGDS 1063	Bhavanipatna	26.2	47	4.8	20.1	5.2	35	29
142766			Junagadh	28.8	49	5.1	22.1	5.5	46	19
142842			Surat	29.3	52	4.4	24.2	5.7	55	5
143095			<b>Rahuri</b>	<b>30.3</b>	<b>51</b>	<b>4.5</b>	<b>23.5</b>	<b>5.6</b>	<b>55</b>	4
143096	4123	LC	Rahuri	25.5	51	4.2	22.5	5.3	44	24
142767			Junagadh	25.5	52	5.1	22.8	5.3	41	26
142843			Surat	26.1	50	4.0	23.8	5.4	47	17
143859			<b>Bhavanipatna</b>	<b>30.7</b>	<b>43</b>	<b>3.8</b>	<b>23.2</b>	<b>5.4</b>	<b>48</b>	14
143860	4124	GSHV-162	Bhavanipatna	24.4	50	5.3	22.0	5.0	33	31
142844			Surat	24.5	54	4.1	22.5	5.4	46	18
142768			Junagadh	25.3	50	4.8	20.8	5.3	38	27
143097			<b>Rahuri</b>	<b>25.6</b>	<b>53</b>	<b>3.8</b>	<b>23.5</b>	<b>5.2</b>	<b>50</b>	13

Zonal Trials Central: Br-04a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
143098	4125	GISV 267	Rahuri	28.3	49	3.8	25.0	5.4	52	10
142845			Surat	28.5	50	5.2	23.8	5.8	47	16
142769			<b>Junagadh</b>	<b>28.9</b>	<b>51</b>	<b>4.3</b>	<b>24.0</b>	<b>5.5</b>	<b>53</b>	7
143861			Bhavanipatna	30.1	47	5.2	22.4	5.4	45	20
142770	4126	Quality Check (Suraj)	Junagadh	29.4	50	4.8	23.3	5.6	50	11
143862			Bhavanipatna	32.0	48	4.8	24.4	5.6	54	6
143099			Rahuri	32.2	52	3.9	25.2	5.6	65	<b>2</b>
142846			<b>Surat</b>	<b>33.5</b>	<b>54</b>	<b>4.1</b>	<b>26.3</b>	<b>5.8</b>	<b>72</b>	<b>1</b>
143863	4127	ZC (CNHO 12)	Bhavanipatna	22.8	43	5.2	19.5	4.8	18	32
142847			Surat	23.1	51	4.2	22.2	5.4	37	28
142771			Junagadh	24.6	50	4.9	20.0	5.2	34	30
143100			<b>Rahuri</b>	<b>25.8</b>	<b>52</b>	<b>4.6</b>	<b>22.4</b>	<b>5.3</b>	<b>44</b>	22
142772	4128	CCH 11-2	Junagadh	26.8	50	4.7	21.2	5.3	42	25
142848			<b>Surat</b>	<b>27.5</b>	<b>50</b>	<b>3.5</b>	<b>24.3</b>	<b>5.6</b>	<b>53</b>	8
143101			Rahuri	27.9	53	4.5	21.3	5.3	50	12
143864			Bhavanipatna	28.3	47	4.6	23.6	5.3	44	23

Br-05a

Zonal Trials Central: BrO-5a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
451893N	4131	GSHH 2645	Khandwa	23.3	54	3.0	19.0	5.6	<b>45</b>	61
144677			Talod	23.9	50	5.5	21.1	5.0	31	84
450113N			Banswara	24.8	52	4.0	20.4	5.5	43	68
143103			Rahuri	26.5	50	4.0	22.0	5.2	<b>45</b>	61
143865			Bhavanipatna	26.5	47	4.7	23.4	5.3	39	78
142940			Surat	27.4	52	4.1	22.6	5.3	51	41
451894N	4132	RHH-1014	Khandwa	29.1	45	2.4	24.3	5.8	56	24
144678			Talod	31.0	47	3.7	23.1	5.4	55	27
450114N			Banswara	31.8	50	4.2	26.4	6.2	62	11
142941			<b>Surat</b>	<b>32.9</b>	<b>50</b>	<b>2.7</b>	<b>25.3</b>	<b>5.5</b>	<b>71</b>	<b>2</b>
143866			Bhavanipatna	33.8	45	3.8	23.1	5.4	59	19
143104			Rahuri	33.8	46	3.2	24.1	5.4	64	6
144679	4133	RHH-1014	Talod	27.2	48	4.7	22.3	5.1	41	73
451895N			Khandwa	28.1	48	3.4	23.1	5.9	50	46
142942			Surat	30.2	45	4.2	23.2	5.5	49	51
143105			Rahuri	30.8	52	3.6	22.8	5.3	<b>62</b>	11
450115N			Banswara	31.5	50	4.0	25.4	6.2	61	14

Zonal Trials Central: BrO-5a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
143867			Bhavanipatna	31.7	42	4.3	23.0	5.6	46	58
451896N	4134	ARCHH 9190	Khandwa	27.5	46	2.6	21.6	5.6	49	51
144680			Talod	27.7	47	5.1	22.9	5.3	40	76
142943			Surat	30.2	48	4.5	23.1	5.5	51	41
143868			Bhavanipatna	30.2	44	4.3	23.3	5.3	46	58
143106			Rahuri	30.3	53	4.3	22.4	5.3	59	19
450116N			Banswara	30.8	52	4.2	25.3	6.3	<b>61</b>	14
451897N	4135	ZC (Ankur 651)	Khandwa	27.1	53	2.7	23.8	6.1	59	19
144681			Talod	30.1	44	5.0	20.9	5.2	41	73
143869			Bhavanipatna	31.4	45	4.0	24.8	5.3	53	32
143107			Rahuri	31.6	45	3.9	22.9	5.3	53	32
142944			Surat	32.5	53	4.9	22.4	5.5	<b>61</b>	14
450117N			Banswara	33.1	52	5.0	25.2	6.4	63	8
451898N	4136	NCS 3444	Khandwa	26.8	48	2.6	21.9	5.8	50	46
144682			Talod	30.7	46	5.2	20.5	5.3	43	68
143108			Rahuri	30.8	43	3.4	22.7	5.3	50	46
143870			Bhavanipatna	32.2	42	3.9	25.4	5.4	52	37
142945			<b>Surat</b>	<b>33.3</b>	<b>51</b>	<b>4.1</b>	<b>24.5</b>	<b>5.5</b>	<b>66</b>	<b>3</b>
450118N			Banswara	33.5	49	4.6	26.5	6.5	63	8
451899N	4137	SHH 800	Khandwa	26.4	54	2.9	22.9	6.0	57	22
144683			Talod	27.5	46	5.6	21.1	5.4	34	81
143109			Rahuri	28.8	49	4.5	21.5	5.2	47	56
143871			Bhavanipatna	28.9	48	5.1	24.0	5.4	45	61
142946			Surat	29.0	48	5.4	20.5	5.5	42	70
450119N			Banswara	30.0	52	5.3	24.0	6.3	<b>53</b>	32
451900N	4138	MRC 7387	Khandwa	28.9	47	2.7	25.6	5.9	56	24
144684			Talod	30.3	46	5.3	22.3	5.3	44	65
143110			Rahuri	30.6	49	4.4	21.7	5.3	53	32
143872			Bhavanipatna	31.0	45	4.4	23.8	5.3	50	46
450120N			Banswara	31.0	48	4.4	24.8	6.7	55	27
142947			Surat	31.4	51	3.6	24.1	5.4	<b>63</b>	8
144685	4139	ARCH 3244	Talod	28.5	45	5.0	21.7	5.2	39	78
451901N			Khandwa	29.8	48	3.0	25.9	5.9	59	19
143111			Rahuri	31.8	52	4.5	20.7	5.2	58	21
143873			Bhavanipatna	32.1	45	4.8	23.3	5.4	50	46
450121N			Banswara	32.4	52	4.7	26.7	6.5	64	6
142948			Surat	32.9	52	4.4	24.0	5.5	<b>65</b>	4
451902N	4140	LC	Khandwa	25.1	48	2.7	20.7	5.5	45	61
143112			Rahuri	25.5	53	5.0	19.6	5.1	40	76
450122N			Banswara	27.0	53	4.5	22.9	6.2	49	51
144686			Talod	28.2	48	5.0	20.3	5.0	41	73

Zonal Trials Central: BrO-5a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
142949			Surat	28.9	48	3.5	23.4	5.2	52	37
143874			Bhavanipatna	33.3	48	4.1	22.9	5.2	<b>61</b>	14
144687			Talod	27.2	44	5.1	19.2	5.1	32	82
451903N	4141	RHH – 0917	Khandwa	28.3	46	3.2	22.4	5.8	48	55
450123N			Banswara	28.5	50	3.8	23.2	5.9	53	32
143875			Bhavanipatna	30.4	46	4.1	22.8	5.3	51	41
142950			Surat	30.9	48	3.8	22.0	5.3	<b>55</b>	27
143113			Rahuri	31.3	46	4.0	21.7	5.3	52	37
143114			Rahuri	27.4	53	4.2	20.0	5.0	50	46
144688			Talod	27.5	48	5.1	21.1	5.1	39	78
143876	4142	RHH-1007	Bhavanipatna	27.7	44	5.0	23.2	5.3	36	80
451904N			Khandwa	28.0	48	2.7	25.1	5.9	<b>55</b>	27
450124N			Banswara	28.8	51	5.0	23.5	6.4	49	51
142951			Surat	28.9	49	4.3	21.6	5.3	49	51
451905N	4143	SHH 817	Khandwa	25.2	48	3.1	20.8	5.8	42	70
144689			Talod	27.4	45	6.0	21.0	5.3	31	84
450125N			Banswara	29.4	51	5.1	24.5	6.4	51	41
142952			Surat	29.5	52	4.9	22.4	5.5	52	37
143877			Bhavanipatna	30.0	46	5.1	23.2	5.5	44	65
143115			Rahuri	30.1	52	4.0	24.9	5.4	<b>61</b>	14
451906N	4144	BGDHH 820	Khandwa	25.3	48	3.0	21.2	6.0	44	65
144690			Talod	29.1	48	5.6	21.2	5.4	41	73
450126N			Banswara	29.7	48	4.9	23.3	6.2	48	55
143116			Rahuri	30.2	51	4.4	22.2	5.6	54	29
143878			Bhavanipatna	30.6	45	5.1	22.7	5.5	44	65
142953			<b>Surat</b>	<b>31.8</b>	<b>53</b>	<b>3.0</b>	<b>25.5</b>	<b>5.4</b>	<b>71</b>	<b>2</b>

## Br-06 a

Zonal Trials Central: Br-06										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
143879	4151	ARBC 19	Bhavanipatna	24.7	45	5.9	20.0	5.2	23	24
144691			Talod	25.6	49	4.8	18.9	4.7	35	22
450146			Banswara	26.4	52	4.9	21.5	6.0	43	16
<b>143118</b>			<b>Rahuri</b>	<b>26.5</b>	<b>53</b>	<b>4.2</b>	<b>20.8</b>	<b>5.3</b>	<b>49</b>	11
144692	4152	GTHV 04/13	Talod	27.2	51	3.9	20.9	5.1	49	11
143880			Bhavanipatna	27.3	44	4.2	21.3	5.2	38	20
143119			Rahuri	29.3	51	3.7	22.1	5.4	55	4
<b>450147</b>			<b>Banswara</b>	<b>31.5</b>	<b>48</b>	<b>4.4</b>	<b>26.2</b>	<b>6.4</b>	<b>57</b>	<b>2</b>
144693	4153	Local Check	Talod	24.7	50	4.1	21.4	4.9	40	18
143120			Rahuri	28.1	50	3.8	22.3	5.2	52	6
<b>450148</b>			<b>Banswara</b>	<b>31.3</b>	<b>48</b>	<b>3.9</b>	<b>24.8</b>	<b>6.0</b>	<b>58</b>	<b>1</b>
143881			Bhavanipatna	31.4	46	4.1	25.8	5.7	56	<b>3</b>
144694	4154	ARBC-1301	Talod	26.8	49	3.9	21.3	4.9	45	15
143882			Bhavanipatna	28.1	46	4.0	25.1	5.4	47	13
143121			Rahuri	28.2	51	4.1	22.7	5.4	51	7
<b>450149</b>			<b>Banswara</b>	<b>28.6</b>	<b>51</b>	<b>4.2</b>	<b>24.1</b>	<b>6.2</b>	<b>53</b>	5
Zonal Trials Central: Br-06										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
144695	4155	CCH 12-6	Talod	26.0	44	4.3	19.1	4.7	32	23
143883			Bhavanipatna	26.8	42	3.7	22.1	5.3	37	21
<b>143122</b>			<b>Rahuri</b>	<b>27.6</b>	<b>49</b>	<b>3.5</b>	<b>21.6</b>	<b>5.2</b>	<b>49</b>	11
<b>450150</b>			<b>Banswara</b>	<b>28.2</b>	<b>52</b>	<b>5.0</b>	<b>23.1</b>	<b>6.0</b>	<b>49</b>	11
144696	4156	LH 2298	Talod	26.7	49	4.7	21.7	5.0	41	17
143884			Bhavanipatna	27.8	42	4.1	22.1	5.1	38	20
<b>450151</b>			<b>Banswara</b>	<b>27.8</b>	<b>52</b>	<b>4.5</b>	<b>23.3</b>	<b>6.1</b>	<b>50</b>	8
143123			Rahuri	28.0	47	3.9	22.7	5.3	46	14

Br-13a PVT G. Barbadense

Zonal Trials Central: Br-13a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
143126	4161	ARBB-1302	Rahuri	32.4	52	3.1	24.4	5	70	10
145129			Indore	33.6	52	3.6	24.1	6	70	10
<b>144011</b>			<b>Surat</b>	<b>36.4</b>	<b>50</b>	<b>3.3</b>	<b>25.3</b>	<b>6</b>	<b>77</b>	<b>2</b>
143127	4162	GSB 43	Rahuri	31.8	48	3.1	23.4	5	62	14
145130			Indore	34.2	50	3.7	24.8	6	69	11
<b>144012</b>			<b>Surat</b>	<b>35.6</b>	<b>50</b>	<b>3.5</b>	<b>27.3</b>	<b>6</b>	<b>75</b>	<b>4</b>
<b>144013</b>	4163	ZC (Suvin)	<b>Surat</b>	<b>34.2</b>	<b>52</b>	<b>3.1</b>	<b>26.5</b>	<b>5</b>	<b>76</b>	<b>3</b>
145131			Indore	35.7	51	3.6	22.5	6	73	8
143128			Rahuri	36.2	47	2.8	23.8	5	74	6
143129	4164	GSB-44	Rahuri	31.8	45	2.9	22.3	5	57	15
145132			Indore	33.9	52	3.2	24.0	6	73	8
<b>144014</b>			<b>Surat</b>	<b>35.0</b>	<b>51</b>	<b>3.4</b>	<b>25.8</b>	<b>6</b>	<b>74</b>	<b>6</b>
143130	4165	DB-1301	Rahuri	31.1	53	3.1	22.9	5	67	13
145133			Indore	34.5	49	3.6	22.8	6	67	13
<b>144015</b>			<b>Surat</b>	<b>34.8</b>	<b>53</b>	<b>3.5</b>	<b>28.5</b>	<b>6</b>	<b>78</b>	<b>1</b>

Br-14a CVT G. Barbadense

Zonal Trials Central: Br-14a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
143132	4171	GSB 41	Rahuri	30.3	47	3.2	21.5	5.3	55	20
144016			Indore	34.0	53	3.3	24.6	6.3	74	9
<b>145134</b>			<b>Surat</b>	<b>35.0</b>	<b>50</b>	<b>3.2</b>	<b>27.1</b>	<b>5.6</b>	<b>75</b>	<b>8</b>
143133	4172	RAB 8	Rahuri	31.8	48	3.1	25.3	5.6	63	18
144017			Surat	36.2	52	3.1	27.4	5.7	82	<b>3</b>
<b>145135</b>			<b>Indore</b>	<b>38.2</b>	<b>51</b>	<b>3.3</b>	<b>24.4</b>	<b>6.1</b>	<b>83</b>	<b>2</b>
143134	4173	DB 39	Rahuri	34.7	48	3.0	25.9	5.5	71	11
144018			Indore	25.4	51	4.2	22.1	5.1	44	21
<b>145136</b>			<b>Surat</b>	<b>38.7</b>	<b>52</b>	<b>2.8</b>	<b>27.8</b>	<b>5.4</b>	<b>91</b>	<b>1</b>
143135	4174	ZC (Suvin)	Rahuri	35.0	41	2.7	25.5	5.3	63	18
144019			Indore	31.5	50	3.6	23.6	5.7	62	19
<b>145137</b>			<b>Surat</b>	<b>37.7</b>	<b>46</b>	<b>2.9</b>	<b>24.7</b>	<b>5.2</b>	<b>75</b>	<b>8</b>
143136	4175	TCB 37	Rahuri	33.5	46	3.0	26.3	5.7	66	14
144020			Indore	31.9	52	3.7	24.8	6.1	65	15
<b>145138</b>			<b>Surat</b>	<b>38.2</b>	<b>49</b>	<b>3.5</b>	<b>26.5</b>	<b>5.4</b>	<b>80</b>	<b>4</b>
143137	4176	ARBD 27	Rahuri	32.2	48	3.1	24.8	5.6	64	16
144021			Indore	34.6	48	3.2	27.4	6.0	71	11

Zonal Trials Central: Br-14a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
<b>145139</b>			<b>Surat</b>	<b>34.9</b>	<b>52</b>	<b>3.1</b>	<b>24.6</b>	<b>5.6</b>	<b>76</b>	6
143138	4177	DB 40	Rahuri	32.5	52	3.1	25.7	5.6	70	12
<b>144022</b>			<b>Surat</b>	<b>35.4</b>	<b>52</b>	<b>3.3</b>	<b>24.7</b>	<b>5.3</b>	<b>77</b>	5
145140			Indore	35.6	44	3.4	27.5	5.8	68	13

Br-15a

Zonal Trials Central: Br-15a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
142933	4181	RHB- 0708	Anand	32.3	47	3.8	25.4	5.8	60	18
450139N			Banswara	32.9	49	4.0	25.0	6.2	63	15
<b>145141</b>			<b>Indore</b>	<b>34.7</b>	<b>47</b>	<b>3.5</b>	<b>27.0</b>	<b>6.0</b>	<b>69</b>	9
143140			Rahuri	35.5	46	3.5	24.4	5.7	67	10
450140N	4182	DHB-1301	Banswara	27.6	52	4.9	21.7	5.8	47	28
145142			Indore	30.8	51	3.7	22.6	5.9	60	18
142934			Anand	30.9	43	3.6	24.2	5.6	51	26
<b>143141</b>			<b>Rahuri</b>	<b>32.1</b>	<b>51</b>	<b>3.5</b>	<b>23.7</b>	<b>5.7</b>	<b>65</b>	12
145143	4183	ZC (DCH 32)	Indore	30.6	51	3.5	25.1	5.8	63	15
143142			Rahuri	31.3	46	3.5	21.6	5.6	54	25
142935			Anand	33.1	45	3.5	25.1	5.6	60	18
<b>450141N</b>			<b>Banswara</b>	<b>34.8</b>	<b>48</b>	<b>3.5</b>	<b>27.4</b>	<b>6.5</b>	<b>71</b>	6
145144	4184	ARBHB 702	Indore	31.5	50	3.8	22.3	5.9	60	18
142936			Anand	32.3	43	3.7	23.4	5.7	54	25
450142N			Banswara	34.0	46	3.8	27.2	6.5	64	13
<b>143143</b>			<b>Rahuri</b>	<b>35.9</b>	<b>50</b>	<b>3.4</b>	<b>24.1</b>	<b>5.6</b>	<b>74</b>	4
142937	4185	LC	Anand	29.1	42	3.2	24.5	5.7	47	28
450143N			Banswara	31.2	45	3.8	27.5	6.8	56	23
145145			Indore	31.4	49	3.5	22.2	5.7	59	21
<b>143144</b>			<b>Rahuri</b>	<b>34.9</b>	<b>51</b>	<b>3.9</b>	<b>22.6</b>	<b>5.7</b>	<b>70</b>	8
142938	4186	RHB- 0812	Anand	32.2	47	3.1	27.2	5.7	65	12
450144N			Banswara	32.9	45	3.9	27.1	6.6	59	21
143145			Rahuri	37.3	44	3.3	24.1	5.4	70	8
<b>145146</b>			<b>Indore</b>	<b>38.7</b>	<b>48</b>	<b>3.4</b>	<b>27.8</b>	<b>6.1</b>	<b>82</b>	<b>2</b>
145147	4187	RHB-1014	Indore	31.9	47	3.7	24.8	6.2	59	21
142939			Anand	35.2	47	3.0	28.4	5.8	73	5
450145N			Banswara	36.4	48	3.6	28.5	6.9	75	<b>3</b>
<b>143146</b>			<b>Rahuri</b>	<b>38.7</b>	<b>51</b>	<b>3.5</b>	<b>25.2</b>	<b>5.7</b>	<b>83</b>	<b>1</b>

## Br-03b

Zonal Trials Central: Br-03b										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
145106	4201	CNH 7004	Indore	25.2	53	4.7	21.3	5.3	42	23
452039N			Akola	25.7	53	4.0	20.5	6.1	47	13
150008			Nanded	25.8	50	4.0	21.1	5.5	43	19
450375N			Banswara	26.8	51	4.0	21.5	5.8	47	13
<b>142868</b>			<b>Bharuch</b>	<b>28.3</b>	<b>51</b>	<b>4.5</b>	<b>23.0</b>	<b>5.3</b>	<b>50</b>	<b>8</b>
150009	4202	LC	Nanded	25.4	51	4.0	18.8	5.3	42	23
450376N			Banswara	25.6	50	4.1	19.8	5.6	41	25
145107			Indore	26.2	52	3.7	20.7	5.1	48	10
<b>452040N</b>			<b>Akola</b>	<b>27.6</b>	<b>52</b>	<b>3.5</b>	<b>19.7</b>	<b>5.4</b>	<b>52</b>	<b>6</b>
142869			Bharuch	29.4	48	4.1	22.2	5.2	50	8
452041N	4203	CCH 12-0	Akola	25.6	50	4.0	18.9	5.3	41	25
450377N			Banswara	26.0	47	3.8	20.0	5.6	39	28
150010			Nanded	27.4	50	4.0	20.8	5.4	47	13
<b>142870</b>			<b>Bharuch</b>	<b>31.6</b>	<b>52</b>	<b>3.7</b>	<b>28.8</b>	<b>5.7</b>	<b>69</b>	<b>1</b>
145108			Indore	*	*	*	*	*	*	*
450378N	4204	ZC (NH 615)	Banswara	26.7	48	3.7	19.7	5.5	43	19
150011			Nanded	26.9	47	3.6	19.9	5.4	43	19
145109			Indore	27.9	49	3.9	24.2	5.4	50	8
142871			Bharuch	28.1	46	3.8	24.6	5.2	47	13
<b>452042N</b>			<b>Akola</b>	<b>29.2</b>	<b>48</b>	<b>3.1</b>	<b>21.4</b>	<b>5.5</b>	<b>54</b>	<b>4</b>
450379N	4205	IH 9	Banswara	25.5	49	4.0	19.4	5.4	40	26
150012			Nanded	25.5	49	3.8	17.1	6.1	39	28
<b>142872</b>			<b>Bharuch</b>	<b>27.8</b>	<b>52</b>	<b>4.4</b>	<b>24.8</b>	<b>5.2</b>	<b>53</b>	<b>5</b>
452043N			Akola	28.3	47	3.5	20.6	5.4	47	13
145110			Indore	*	*	*	*	*	*	*
452044N	4206	QC (Suraj)	Akola	26.5	50	4.1	19.5	5.2	43	19
142873			Bharuch	27.2	49	4.4	22.2	5.1	44	16
450380N			Banswara	29.0	44	4	21.3	5.7	43	19
<b>145111</b>			<b>Indore</b>	<b>30.6</b>	<b>49</b>	<b>3.9</b>	<b>24.8</b>	<b>5.6</b>	<b>57</b>	<b>2</b>
150013			<b>Nanded</b>	<b>30.8</b>	<b>49</b>	<b>4.0</b>	<b>22.6</b>	<b>5.1</b>	<b>56</b>	<b>3</b>



## Br- 04b

Zonal Trials Central: Br-04b										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
452046N	4211	SCS 1062	Akola	25.5	52	4.6	18.6	5.4	40	30
150014			Nanded	27.1	50	4.8	17.5	5.3	40	30
145112			Indore	27.4	52	4.3	23.4	5.5	<b>50</b>	9
450381N			Banswara	27.5	47	3.2	20.5	5.3	47	16
142874			Bharuch	28.5	47	4.7	24.2	5.3	45	19
150015	4212	ZC (NH 615)	Nanded	27.1	50	3.9	18.1	5.3	45	19
145113			<b>Indore</b>	<b>28.2</b>	<b>53</b>	<b>3.5</b>	<b>23.0</b>	<b>5.4</b>	<b>57</b>	<b>3</b>
142875			Bharuch	28.3	51	4.4	23.2	5.1	50	9
452047N			Akola	28.6	52	3.5	20.5	5.4	55	4
450382N			Banswara	30.7	46	4.2	23.0	5.9	50	9
450383N	4213	BGDS 1063	Banswara	26.0	50	3.6	20.0	5.5	45	19
142876			Bharuch	26.5	49	4.9	19.7	5.0	39	33
150016			Nanded	28.0	50	4.6	18.5	5.7	44	22
145114			Indore	28.2	51	4.1	20.6	5.4	49	13
452048N			Akola	29.0	50	4.2	21.1	5.6	<b>50</b>	9
145115	4214	Local Check	Indore	25.5	50	3.1	25.5	5.1	49	13
450384N			Banswara	26.2	48	3.7	19.1	5.1	41	27
150017			Nanded	27.2	48	4.2	18.6	5.3	41	27
452049N			Akola	27.3	49	4.5	18.7	5.6	40	30
142877			Bharuch	28.1	52	4.7	22.9	5.2	<b>50</b>	9
450385N	4215	GBHV 180	Banswara	23.8	48	4.1	18.5	5.4	33	35
145116			Indore	25.4	49	3.7	19.8	4.9	41	27
142878			Bharuch	26.9	50	4.5	21.3	5.2	44	22
150018			Nanded	27.4	50	4.2	19.3	5.4	45	19
452050N			Akola	27.7	52	4.3	19.8	5.7	<b>48</b>	15
450386N	4216	Q C (Suraj)	Banswara	27.0	48	3.9	19.6	5.3	43	24
145117			<b>Indore</b>	<b>29.8</b>	<b>53</b>	<b>3.4</b>	<b>23.0</b>	<b>5.4</b>	<b>62</b>	<b>2</b>
150019			Nanded	30.2	49	4.0	21.6	5.1	53	5
452051N			Akola	31.9	45	4.4	21.4	5.6	50	9
142879			<b>Bharuch</b>	<b>31.9</b>	<b>50</b>	<b>3.9</b>	<b>26.9</b>	<b>5.5</b>	<b>64</b>	<b>1</b>
150020	4217	GBHV 177	Nanded	25.6	50	4.3	17.2	5.6	38	34
452052N			Akola	26.1	51	4.5	19.4	5.5	41	27
142880			Bharuch	27.0	48	5.0	20.8	5.2	39	33
145118			Indore	27.7	51	4.1	22.3	5.4	<b>49</b>	13
450387N			Banswara	28.3	46	3.9	20.4	5.5	44	22

## Br-05 b

Zonal Trials Central: Br-05b										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
143012	4221	DHH 1251	Hansot	26.3	53	4.4	22.1	5.0	47	25
145119			Indore	27.1	52	4.1	23.3	5.6	<b>50</b>	17
150021			Nanded	27.1	51	4.0	21.8	5.3	48	22
452053N			Akola	27.7	52	4.0	20.4	5.6	<b>50</b>	17
452054N	4222	NCS 3445	Akola	24.9	49	3.9	17.7	5.4	37	38
145120			Indore	29.1	48	3.7	19.2	4.9	48	22
143013			Hansot	30.9	50	3.8	23.2	5.2	<b>58</b>	6
150022			Nanded	31.3	48	3.5	22.8	4.8	<b>58</b>	6
143014	4223	ZC	Hansot	28.7	41	4.3	21.1	5.0	36	39
150023			Nanded	29.4	45	3.8	21.0	4.3	46	29
145121			Indore	29.5	44	4.6	20.5	5.5	41	36
452055N			Akola	31.0	48	3.5	20.9	5.4	<b>56</b>	8
145122	4224	BGDHH 821	Indore	28.7	47	3.3	21.0	5.1	49	19
143015			Hansot	29.6	49	3.6	21.4	5.1	54	10
452056N			Akola	30.9	47	2.7	21.5	5.2	59	3
150024			<b>Nanded</b>	<b>32.3</b>	<b>48</b>	<b>3.5</b>	<b>24.2</b>	<b>4.7</b>	<b>62</b>	<b>1</b>
145123	4225	NHH 715	Indore	27.0	50	3.9	22.1	5.3	48	22
143016			Hansot	27.3	45	4.4	19.9	4.9	37	38
150025			Nanded	29.1	50	4.1	21.1	5.1	<b>51</b>	14
452057N			Akola	*	*	*	*	*	*	*
145124	4226	SHH 808	Indore	30.3	48	3.8	19.5	5.2	51	14
150026			<b>Nanded</b>	<b>31.4</b>	<b>49</b>	<b>3.6</b>	<b>22.2</b>	<b>5.1</b>	<b>59</b>	<b>3</b>
143017			Hansot	31.7	46	3.8	20.8	5.1	53	12
452058N			<b>Akola</b>	<b>31.9</b>	<b>47</b>	<b>3.3</b>	<b>23.0</b>	<b>5.7</b>	<b>59</b>	<b>3</b>
145125	4227	LC	Indore	25.7	49	3.9	19.5	4.8	41	36
452059N			Akola	26.5	49	3.6	18.8	5.3	44	32
150027			Nanded	27.3	49	3.7	21.1	4.9	<b>47</b>	25
143018			Hansot	27.9	50	4.1	19.8	5.0	<b>47</b>	25
145126	4228	SHH 802	Indore	28.7	45	3.5	21.4	5.2	46	29
452060N			Akola	30.5	46	3.6	21.2	5.3	51	14
143019			Hansot	30.6	50	4.2	22.3	5.3	55	9
150028			Nanded	30.8	47	3.6	24.5	5.1	<b>56</b>	8
145127	4229	GSHH-2595	Indore	26.7	52	3.9	21.2	5.2	49	19
150029			Nanded	26.8	48	3.8	20.7	5.3	43	33
452061N			Akola	26.9	52	3.8	18.8	5.5	48	22
143020			Hansot	27.2	53	4.0	22.9	5.0	<b>53</b>	12
150030	4230	DHH 1252	Nanded	26.3	53	4.1	18.7	5.8	<b>46</b>	29
145128			Indore	26.6	51	4.1	21.4	5.4	<b>46</b>	29
452062N			Akola	26.7	51	4.4	19.9	5.7	44	32
143021			Hansot	27.0	49	4.5	21.0	5.0	42	34

## Br-06b

Zonal Trials Central: Br-06b										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
150031	4231	DSC-1352	Nanded	25.6	48	4.0	19.5	5.7	38	14
451683N			Nagpur	<b>27.2</b>	<b>49</b>	<b>3.0</b>	<b>23.1</b>	<b>6.3</b>	<b>52</b>	<b>1</b>
142849			Surat	27.2	50	5.0	21.6	5.5	43	11
142850	4232	Local Check	Surat	25.8	52	4.8	23.0	5.4	44	10
150032			Nanded	27.0	50	3.8	18.5	5.6	45	9
451684N			Nagpur	27.0	47	3.2	21.5	5.9	<b>46</b>	6
150033	4233	DSC 54	Nanded	26.5	49	3.9	18.6	5.2	42	13
451685N			Nagpur	27.2	47	3.3	22.5	6.1	46	6
142851			Surat	<b>28.7</b>	<b>50</b>	<b>4.6</b>	<b>23.5</b>	<b>5.6</b>	<b>50</b>	<b>3</b>
150034	4234	ARBC 64	Nanded	25.3	52	3.8	16.8	5.8	42	13
451686N			Nagpur	<b>26.6</b>	<b>49</b>	<b>3.1</b>	<b>23.9</b>	<b>6.3</b>	<b>50</b>	<b>3</b>
142852			Surat	27.3	52	4.8	21.4	5.5	46	6
150035		LC	Nanded	27.1	50	3.7	18.1	5.5	45	9
451687N		AKH-081	Nagpur	27.5	46	3.0	21.1	5.6	46	6

## Br-24b

Zonal Trials Central: Br-24b										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
143991	4241	JLA-0614	Amreli	25.8	50	6.1	19.2	5.3	31	23
150141			Parbhani	25.8	51	5.4	17.0	6.1	34	17
452063N			Akola	26.0	50	5.0	19.1	5.8	<b>37</b>	11
142773			Junagadh	26.2	50	5.9	18.8	5.3	34	17
143992	4242	NDLA 3020	Amreli	21.5	54	7.1	18.1	5.2	20	31
150142			Parbhani	21.7	54	6.7	16.0	6.3	<b>21</b>	30
452064N			Akola	21.9	52	7.3	16.8	6.5	16	32
142774			Junagadh	22.1	53	6.6	18.4	5.3	23	29
143993	4243	ZC (AKA 7)	Amreli	24.5	50	5.8	18.3	5.1	29	27
150143			Parbhani	24.9	52	5.4	17.9	6.5	34	17
452065N			Akola	25.2	52	5.2	18.9	6.2	<b>37</b>	11
142775			Junagadh	26.2	48	5.9	18.1	5.3	30	26
142776	4244	PA-760	Junagadh	27.0	48	5.2	20.3	5.4	38	9
143994			Amreli	28.3	48	5.3	20.2	5.3	39	7
150144			Parbhani	<b>30.2</b>	<b>48</b>	<b>4.8</b>	<b>17.5</b>	<b>6.0</b>	<b>45</b>	<b>2</b>

Zonal Trials Central: Br-24b										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
452066N			<b>Akola</b>	<b>31.1</b>	<b>47</b>	<b>4.4</b>	<b>21.4</b>	<b>5.7</b>	<b>51</b>	<b>1</b>
142777	4245	JLA 0603	Junagadh	23.7	51	5.8	20.5	5.3	30	26
452067N			Akola	24.9	50	4.9	18.8	6.1	<b>35</b>	14
150145			Parbhani	25.2	53	5.7	18.2	6.3	<b>35</b>	14
143995			Amreli	25.2	51	6.0	20.6	5.5	33	20
143996			Amreli	25.0	51	5.7	19.9	5.4	34	17
452068N	4246	LC	Akola	26.1	51	5.1	19.1	6.6	38	9
142778			<b>Junagadh</b>	<b>26.2</b>	<b>52</b>	<b>5.1</b>	<b>21.8</b>	<b>5.5</b>	<b>41</b>	<b>4</b>
150146			<b>Parbhani</b>	<b>26.4</b>	<b>53</b>	<b>5.3</b>	<b>19.1</b>	<b>6.1</b>	<b>41</b>	<b>4</b>
142779			Junagadh	25.5	51	5.9	18.8	5.2	32	21
143997	4247	CNA 1016	Amreli	26.1	52	5.7	20.1	5.3	37	11
452069N			Akola	26.4	51	4.9	19.8	6.2	<b>41</b>	4
150147			Parbhani	26.5	51	5.1	18.6	6.5	39	7
142780			Junagadh	23.1	52	5.9	18.4	5.1	28	28
143998	4248	NDLA 2985	Amreli	23.3	51	5.4	20.2	5.2	31	23
150148			Parbhani	24.5	52	5.6	18.8	6.5	<b>33</b>	20
452070N			Akola	24.5	49	5.1	18.5	5.9	31	23

Br-25b

Zonal Trials Central: Br-24b										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
142781	4251	AKDH-96	Junagadh	24.6	51	5.7	20.4	5.3	32	19
451907N			Khandwa	25.5	51	5.0	22.6	6.4	40	7
144930			Jalgaon	25.9	53	5.0	19.7	5.0	<b>42</b>	4
143999			Amreli	26.0	51	5.4	20.2	5.3	38	14
150149			Parbhani	26.3	52	5.0	17.8	6.1	40	7
452071N			<b>Akola</b>	<b>28.4</b>	<b>50</b>	<b>4.8</b>	<b>20.9</b>	<b>6.3</b>	<b>46</b>	<b>2</b>
144931	4252	LC	Jalgaon	24.3	52	6.1	18.2	4.9	30	22
144000			Amreli	24.8	52	6.0	17.0	4.9	30	22
142782			Junagadh	25.1	50	5.7	18.7	5.4	31	20
451908N			Khandwa	25.2	50	4.7	21.5	6.2	38	14
452072N			Akola	25.2	53	5.1	19.5	6.5	<b>39</b>	10
150150			Parbhani	26.5	52	5.6	19.3	5.5	<b>39</b>	10
144001	4253	NACH 433	Amreli	19.3	54	7.3	16.3	4.8	12	26
142783			Junagadh	19.4	49	6.8	14.6	4.6	7	27
144932			Jalgaon	19.9	55	6.9	13.8	4.6	15	25
452073N			Akola	20.4	55	7.3	16.3	6.4	17	24

Zonal Trials Central: Br-24b											
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone	
150151			Parbhani	21.3	58	7.2	14.3	7.0	22	23	
451909N			Khandwa	25.5	50	5.3	21.2	5.9	<b>36</b>	15	
451910N	<b>4254</b>	<b>PKV DH 1 (ZC)</b>	Khandwa	24.6	49	4.5	19.5	6.1	35	17	
144002			Amreli	24.8	52	5.8	21.4	5.4	35	17	
144933			Jalgaon	25.2	54	5.5	19.7	5.0	<b>39</b>	10	
150152			Parbhani	25.8	53	5.4	19.0	6.1	<b>39</b>	10	
142784			Junagadh	26.0	51	6.1	20.4	5.5	34	18	
452074N			<b>Akola</b>	<b>26.3</b>	<b>54</b>	<b>4.9</b>	<b>21.1</b>	<b>6.1</b>	<b>46</b>	<b>2</b>	
452075N			AKA-2004-9	Akola	26.0	53	5.7	20.0	6.1	39	10
452076N			AKA-2004-3	Akola	28.8	52	5.7	20.5	6.0	45	3
452077N	AKA-9703	Akola	26.0	52	5.1	21.4	5.6	41	5		

## South Zone

Br-03a PVT G. Hirsutum (Irrigated)

Zonal Trials South: Br-03a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
142485	4501	CCH 12-2	Arabhavi	26.7	47	4.3	22.1	5.4	40	41
<b>142289</b>			<b>Srivilliputhur</b>	<b>27.5</b>	<b>47</b>	<b>3.0</b>	<b>22.2</b>	<b>5.1</b>	<b>49</b>	13
142057			Raichur	28.2	48	4.8	22.3	5.8	43	33
			Lam	28.2	48	4.5	22.0		45	27
141941			Coimbatore	28.7	48	4.5	20.8	5.9	45	27
142486	4502	TSH 0499	Raichur	28.4	47	4.7	21.7	5.4	43	33
			Lam	29.2	47	4.1	22.4		48	14
142290			Srivilliputhur	29.7	48	4.6	23.8	5.5	49	13
142058			Arabhavi	30.5	45	4.4	22.3	5.3	47	17
141942			<b>Coimbatore</b>	<b>33.3</b>	<b>46</b>	<b>4.5</b>	<b>19.6</b>	<b>5.6</b>	<b>53</b>	9
142487	4503	ZC (Suraj)	Arabhavi	30.5	45	4.3	22.0	5.4	47	17
142291			<b>Srivilliputhur</b>	<b>30.9</b>	<b>47</b>	<b>2.6</b>	<b>24.3</b>	<b>5.4</b>	<b>61</b>	<b>1</b>
			Lam	31.0	48	4.2	25.9		56	5
142059			Raichur	32.1	48	4.9	22.9	5.7	53	9
141943			Coimbatore	34.2	47	4.7	22.6	5.8	58	<b>2</b>
	4504	HS 292	Lam	26.7	50	4.3	21.6		44	30
142488			Raichur	27.1	47	4.9	20.9	5.8	38	44
142292			Arabhavi	27.7	46	4.3	21.8	5.2	41	38
142060			<b>Srivilliputhur</b>	<b>28.6</b>	<b>49</b>	<b>3.8</b>	<b>22.5</b>	<b>5.5</b>	<b>51</b>	11
141944			Coimbatore	29.0	47	4.2	21.6	6.1	46	22
	4505	TSH 04/115	Lam	28.8	47	4.2	22.5		46	<b>22</b>
142489			Arabhavi	29.2	45	3.9	20.9	5.3	45	27
142293			Raichur	29.8	46	4.4	19.6	5.7	45	27
142061			Srivilliputhur	30.5	47	3.5	21.8	5.4	54	7
141945			<b>Coimbatore</b>	<b>32.8</b>	<b>48</b>	<b>4.2</b>	<b>19.6</b>	<b>5.8</b>	<b>56</b>	5
142490	4506	LC	Arabhavi	26.2	48	4.2	20.7	5.1	40	41
142294			Srivilliputhur	27.2	47	3.8	21.1	5.4	43	33
			Lam	27.5	49	4.2	22.6		47	17
142062			Raichur	28.1	47	4.7	21.6	5.6	42	36
141946			<b>Coimbatore</b>	<b>33.4</b>	<b>46</b>	<b>4.1</b>	<b>21.3</b>	<b>5.3</b>	<b>57</b>	<b>3</b>
142491	4507	GJHV-516	Srivilliputhur	24.7	49	3.6	21.1	5.1	41	38
142295			Raichur	26.6	49	4.8	20.0	5.7	39	43
			Lam	27.0	50	4.3	21.1		45	27
142063			Coimbatore	28.0	49	4.4	18.3	6.7	43	33
141947			<b>Arabhavi</b>	<b>28.5</b>	<b>47</b>	<b>3.9</b>	<b>20.4</b>	<b>5.3</b>	<b>46</b>	22
142492	4508	TCH 1777	Srivilliputhur	27.4	48	2.8	21.8	5.2	51	11
142296			Arabhavi	30.2	45	4.2	21.5	5.3	47	17

Zonal Trials South: Br-03a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
			Lam	30.2	46	4.6	22.5		47	17
142064			Raichur	30.4	45	4.4	21.7	5.6	46	22
141948			<b>Coimbatore</b>	<b>32.9</b>	<b>46</b>	<b>4.2</b>	<b>21.8</b>	<b>6.4</b>	<b>55</b>	6
142493	4509	CCH 13-2	Arabhavi	25.4	49	4.7	20.1	5.2	36	45
142296			<b>Srivilliputhur</b>	<b>25.6</b>	<b>48</b>	<b>2.8</b>	<b>21.3</b>	<b>4.9</b>	<b>46</b>	22
			Lam	26.3	50	4.2	21.3		43	33
142064			Raichur	27.2	49	4.8	20.8	5.6	41	38
141948			Coimbatore	27.7	47	4.9	20.5	6.2	39	43

Br-04a CVT G. Hirsutum (Irrigated)

Zonal Trials South: Br-04a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
142298	4511	BGDS 1063	Srivilliputhur	28.1	47	2.9	22.2	5.5	51	5
142494			Arabhavi	29.2	46	4.9	21.4	5.3	42	25
142066			Raichur	29.3	47	5.2	21.8	5.9	43	21
			<b>Lam</b>	<b>29.4</b>	<b>49</b>	<b>4.1</b>	<b>22.9</b>		<b>52</b>	4
141950			Coimbatore	29.8	47	4.6	22.2	6.2	47	12
	4512	SCS 1001	Lam	27.7	48	4	22.5		47	12
141951			Coimbatore	27.7	47	4.0	20.5	5.1	43	21
<b>142299</b>			<b>Srivilliputhur</b>	<b>28.3</b>	<b>46</b>	<b>2.9</b>	<b>22.0</b>	<b>5.0</b>	<b>50</b>	7
142495			Arabhavi	28.4	47	3.9	21.3	5.2	46	15
142067			Raichur	28.9	47	4.4	22.3	5.6	46	15
<b>142300</b>	4513	ZC (Suraj)	<b>Srivilliputhur</b>	<b>30.1</b>	<b>45</b>	<b>2.7</b>	<b>23.9</b>	<b>5.4</b>	<b>55</b>	<b>1</b>
141952			Coimbatore	31.2	46	4.7	22.3	5.7	49	8
			Lam	31.5	47	4.6	25.3		54	<b>2</b>
142496			Arabhavi	31.6	45	4.5	21.1	5.5	48	10
142068			Raichur	31.8	47	4.8	23.0	5.9	52	<b>3</b>
142497	4514	SCS 1062	Arabhavi	27.5	47	4.3	19.1	5.0	40	28
142069			Raichur	27.9	48	5.0	21.7	5.4	41	27
			Lam	28.5	49	4.8	22.6		45	18
<b>142301</b>			<b>Srivilliputhur</b>	<b>28.6</b>	<b>48</b>	<b>4.3</b>	<b>23.0</b>	<b>5.3</b>	<b>47</b>	12
141953			Coimbatore	28.8	47	4.5	20.9	5.1	44	19
142070	4515	LC	Raichur	27.3	48	4.5	22.0	5.6	42	25
141955			Coimbatore	27.3	49	4.6	20.0	5.2	42	25

Zonal Trials South: Br-04a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
142498			Arabhavi	27.9	47	4.2	20.5	5.2	43	21
			Lam	28.2	49	4.5	22.3		46	15
<b>142302</b>			<b>Srivilliputhur</b>	<b>28.7</b>	<b>46</b>	<b>3.6</b>	<b>22.2</b>	<b>5.2</b>	<b>48</b>	10
142303	4516	GSHV 162	Srivilliputhur	24.3	49	3.3	22.5	4.9	42	25
			Lam	25.5	52	3.8	20.9		45	18
142499			Arabhavi	26.0	48	4.7	21.3	5.0	37	30
142071			Raichur	26.2	49	4.7	20.9	5.3	39	29
<b>141954</b>			<b>Coimbatore</b>	<b>31.6</b>	<b>46</b>	<b>4.3</b>	<b>19.9</b>	<b>5.6</b>	<b>50</b>	7

### Br-05a CHT Intra hirsutum-Hybrid

Zonal Trials South: Br-05a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
142304	4521	DHH-1302	Srivilliputhur	26.4	48	4.7	21.6	5.4	39	38
			<b>Lam</b>	<b>26.4</b>	<b>50</b>	<b>4.0</b>	<b>21.2</b>		<b>44</b>	30
142072			Raichur	26.5	47	5.1	21.8	5.3	36	39
141963			Coimbatore	27.6	48	4.4	20.5	5.6	42	33
	4522	SHH 818	Lam	29.1	48	4.2	22.0		49	22
141964			Coimbatore	29.3	47	4.8	21.0	6.0	44	30
142073			Raichur	29.7	47	4.7	22.8	5.5	47	25
<b>142305</b>			<b>Srivilliputhur</b>	<b>31.2</b>	<b>47</b>	<b>4.2</b>	<b>23.6</b>	<b>5.6</b>	<b>54</b>	7
142306	4523	ZC (Bunny)	Srivilliputhur	29.9	49	4.9	23.6	5.6	50	19
			Lam	32.0	46	4.7	23.4		51	15
142074			Raichur	32.4	47	4.4	22.2	5.4	55	5
<b>141965</b>			<b>Coimbatore</b>	<b>35.0</b>	<b>45</b>	<b>4.6</b>	<b>20.2</b>	<b>5.3</b>	<b>56</b>	<b>3</b>
142075	4524	RHH-1015	Raichur	30.9	47	4.1	21.4	5.3	52	11
142307			Srivilliputhur	31.2	45	3.5	24.8	5.6	55	5
			Lam	31.5	46	4.6	25.2		53	9
<b>141966</b>			<b>Coimbatore</b>	<b>34.7</b>	<b>44</b>	<b>4.0</b>	<b>21.4</b>	<b>5.6</b>	<b>58</b>	<b>1</b>
	4525	MRC 7388	Lam	28.9	48	4.5	23.1		47	25
142308			Srivilliputhur	29.7	46	3.8	23.8	5.4	50	19
141967			Coimbatore	30.4	46	4.4	20.3	5.0	47	25
<b>142076</b>			<b>Raichur</b>	<b>30.9</b>	<b>48</b>	<b>4.5</b>	<b>21.4</b>	<b>5.4</b>	<b>51</b>	15
142077	4526	Ankur 3228	Raichur	27.4	48	4.9	20.3	5.2	39	38
			Lam	29.2	48	5.0	23.7		46	27
<b>142309</b>			<b>Srivilliputhur</b>	<b>29.6</b>	<b>47</b>	<b>3.9</b>	<b>23.3</b>	<b>5.4</b>	<b>51</b>	15



Zonal Trials South: Br-05a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
141968			Coimbatore	30.9	47	4.5	22.3	5.5	50	19
	4527	LC	Lam	28.0	49	4.2	21.7		47	25
142078			Raichur	29.4	46	5.0	20.6	5.5	41	34
<b>142310</b>			<b>Srivilliputhur</b>	<b>30.9</b>	<b>47</b>	<b>4.6</b>	<b>23.6</b>	<b>5.5</b>	<b>51</b>	15
<b>141969</b>			<b>Coimbatore</b>	<b>31.7</b>	<b>47</b>	<b>4.5</b>	<b>20.4</b>	<b>5.0</b>	<b>51</b>	15
<b>142311</b>	4528	PCH 2491	<b>Srivilliputhur</b>	<b>30.5</b>	<b>48</b>	<b>3.4</b>	<b>24.0</b>	<b>5.5</b>	<b>57</b>	<b>2</b>
			Lam	30.7	47	4.5	24.5		51	15
142079			Raichur	31.3	46	4.6	22.0	5.4	49	22
141970			Coimbatore	31.6	48	4.1	21.7	5.8	55	5
<b>142312</b>	4529	RHH-1007	<b>Srivilliputhur</b>	<b>27.6</b>	<b>47</b>	<b>4.2</b>	<b>21.9</b>	<b>5.3</b>	<b>43</b>	32
142080			Raichur	27.7	48	5.0	21.1	5.4	40	36
			Lam	27.8	48	4.2	20.9		45	28
141971			Coimbatore	28.7	46	5.0	20.7	5.1	40	36
142081	4530	BGDHH 821	Raichur	28.6	48	5.1	21.9	5.8	43	32
			<b>Lam</b>	<b>30.5</b>	<b>47</b>	<b>4.1</b>	<b>23.6</b>		<b>52</b>	11
141972			Coimbatore	32.8	47	4.6	20.6	6.3	53	9
<b>142313</b>			<b>Srivilliputhur</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>
142314		TSH 0250	Srivilliputhur	29.4	47	3.1	22.0	5.2	53	

Br-06a –PVT Compact Genotypes (Rainfed)

Zonal Trials South: Br-06a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
	4531	ARBC 19	Lam	27.0	48	4.5	20.6		41	24
142082			Raichur	27.4	50	4.3	20.3	5.2	45	16
<b>142109</b>			<b>Coimbatore</b>	<b>30.0</b>	<b>47</b>	<b>3.8</b>	<b>22.6</b>	<b>5.4</b>	<b>52</b>	<b>2</b>
142500			Arabhavi	30.0	45	3.9	21.8	5.4	48	9
	4532	TCH 1705	Lam	26.9	51	4.4	21.7		45	16
142501			Arabhavi	27.6	47	3.9	21.1	5.3	44	18
142110			Coimbatore	27.9	49	3.8	21.5	5.7	48	9
<b>142083</b>			<b>Raichur</b>	<b>28.2</b>	<b>49</b>	<b>3.8</b>	<b>22.8</b>	<b>5.5</b>	<b>50</b>	6
142084	4533	ARBC-1301	Raichur	26.3	48	4.6	21.7	5.1	39	30
			Lam	26.6	50	4.5	20.2		41	24
142502			Arabhavi	27.4	46	3.8	20.2	5.1	42	22
<b>142111</b>			<b>Coimbatore</b>	<b>28.3</b>	<b>48</b>	<b>4.6</b>	<b>20.8</b>	<b>5.5</b>	<b>43</b>	20
	4534	Local	Lam	26.8	50	4.3	20.2		43	20

Zonal Trials South: Br-06a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
142085		Check	Raichur	30.3	47	4.3	24.3	5.4	51	4
142503			Arabhavi	30.5	45	3.6	21.8	5.4	50	6
<b>142112</b>			<b>Coimbatore</b>	<b>31.7</b>	<b>48</b>	<b>3.8</b>	<b>23.9</b>	<b>5.9</b>	<b>59</b>	<b>1</b>
142086	4535	DSC-1302	Raichur	24.5	48	4.8	20.4	5.0	32	32
<b>142504</b>			<b>Arabhavi</b>	<b>25.2</b>	<b>50</b>	<b>4.0</b>	<b>18.7</b>	<b>5.0</b>	<b>40</b>	27
			Lam	25.7	50	4.6	19.5		38	31
<b>142113</b>			<b>Coimbatore</b>	<b>26.7</b>	<b>48</b>	<b>4.4</b>	<b>20.1</b>	<b>6.1</b>	<b>40</b>	27
	4536	CCH 12-6	Lam	27.0	48	4.5	20.6		40	27
<b>142114</b>			<b>Coimbatore</b>	<b>27.6</b>	<b>48</b>	<b>3.9</b>	<b>21.8</b>	<b>5.8</b>	<b>46</b>	14
142087			Raichur	27.6	48	4.7	22.2	5.4	42	22
142505			Arabhavi	29.2	46	4.2	20.9	5.3	45	16
	4537	LH 2298	Lam	25.9	49	4.3	19.2		39	30
142088			Raichur	27.7	49	4.2	22.6	5.3	47	12
142506			Arabhavi	28.5	46	3.6	20.9	5.1	46	14
<b>142115</b>			<b>Coimbatore</b>	<b>28.9</b>	<b>48</b>	<b>3.5</b>	<b>22.7</b>	<b>6.5</b>	<b>52</b>	<b>3</b>
	4538	DSC-1301	Lam	27.4	48	4.3	20.2		41	24
142089			Raichur	28.4	49	4.2	21.9	5.4	48	9
142507			Arabhavi	28.5	47	3.9	21.7	5.2	47	12
<b>142116</b>			<b>Coimbatore</b>	<b>29.6</b>	<b>48</b>	<b>4.1</b>	<b>22.2</b>	<b>5.9</b>	<b>50</b>	6

Br-13a – Preliminary Varietal Trial G. barbadense

Zonal Trials South: Br-13a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
141956	4541	ARBB-1302	Coimbatore	36.5	44	3.9	25.6	7	66	12
			<b>Lam</b>	<b>38.0</b>	<b>48</b>	<b>3.4</b>	<b>31.7</b>		<b>83</b>	<b>2</b>
142459			Dharwad	38.2	42	3.2	27.7	5.7	73	5
142090			Raichur	39.1	43	3.6	28.0	6.0	75	<b>3</b>
142460	4542	ARBD 27	Dharwad	33.2	46	3.8	25.4	6.1	61	21
141957			Coimbatore	33.5	47	4.2	25.0	>7.0	61	21
			<b>Lam</b>	<b>34.3</b>	<b>48</b>	<b>3.7</b>	<b>29.5</b>		<b>70</b>	7
142091			Raichur	34.7	47	4.0	25.4	7	65	14
141958	4543	ZC (Suvin)	Coimbatore	36.5	44	3.6	27.1	6	69	9
142092			Raichur	37.9	43	3.8	27.1	6	70	7
142461			Dharwad	38.6	42	3.3	26.9	5.7	73	5

Zonal Trials South: Br-13a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
			Lam	40.1	47	3.4	33.7		88	1
			Lam	33.3	48	3.7	27.9		66	12
142093	4544	GSB-44	Raichur	33.9	45	4.2	24.2	6	58	26
142462			Dharwad	34.0	45	3.3	25.5	6.0	64	16
141959			Coimbatore	37.1	43	4.6	26.9	>7.0	64	16
142463			Dharwad	32.4	45	3.5	24.5	6.1	58	26
141960	4545	DB-1301	Coimbatore	32.8	46	4.2	25.2	7	58	26
			Lam	33.8	49	3.6	28.2		69	9
142094			Raichur	34.1	46	3.8	26.1	6	64	16
142464	4546	DB-1302	Dharwad	32.7	45	3.8	25.3	6.0	58	26
			Lam	33	48	3.8	28.1		65	14
142095			Raichur	34.1	46	4.1	26.3	6	62	19
141961			Coimbatore	34.6	46	4.4	23.9	>7.0	60	22
142096	4547	GSB 43	Raichur	32.6	46	4.3	23.8	6	56	28
			Lam	34	48	3.7	28.6		69	9
141962			Coimbatore	34.3	46	4.6	24.4	>7.0	59	23
142465			Dharwad	34.5	44	3.7	25.6	6	62	19

Br-14a – Coordinated Varietal Trial G. barbadense

Zonal Trials South: Br-14a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
142097	4551	DB 40	Raichur	33.3	46	3.8	25.6	6.3	61	15
			Lam	33.3	50	3.8	31.2		72	4
142466			Dharwad	34.9	44	3.2	26.3	6	66	8
141981			Coimbatore	35.0	47	4.4	24.8	>7.0	63	11
142098	4552	GSB 40	Raichur	33.4	46	4.4	24.5	6.3	58	19
			Lam	33.4	47	3.9	28.4		65	9
142467			Dharwad	33.6	45	3.5	25.7	6	62	12
141982			Coimbatore	34.3	46	4.4	23.8	6.8	59	17
142099	4553	ZC (Suvin)	Raichur	30.8	46	3.9	24.3	6.4	53	20
			Lam	38	46	3.5	33.3		81	1
142468			Dharwad	38.9	43	2.9	27.9	6	77	2
141983			Coimbatore	39.9	44	3.8	28.3	6.5	77	2
	4554	DB11	Lam	32.2	50	3.8	28.4		66	8
142469			Dharwad	33.6	46	3.6	25.8	6	63	11

Zonal Trials South: Br-14a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
141984	<b>142100</b>		Coimbatore	34.3	46	4.4	25.2	>7.0	61	15
			Raichur	<b>37.5</b>	<b>44</b>	<b>3.9</b>	<b>27.6</b>	<b>6.2</b>	<b>70</b>	6
	4555	DB 39	<b>Lam</b>	<b>32.9</b>	<b>50</b>	<b>3.8</b>	<b>31.8</b>		<b>70</b>	6
141985			Coimbatore	33.0	47	4.5	25.2	>7.0	58	19
142101			Raichur	33.0	47	4.1	25.9	6	61	15
142470			Dharwad	33.2	45	3.4	24.7	6	61	15

### Br-15a – Coordinated Hybrid Trial

Zonal Trials South: Br-15a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
	4561	RHB-0922	Lam	31.6	49	3.8	32.3		66	13
<b>142144</b>			<b>Coimbatore</b>	<b>35.4</b>	<b>48</b>	<b>3.8</b>	<b>24.3</b>	<b>&gt;7.0</b>	<b>68</b>	9
142102			Raichur	35.7	45	3.7	24.0	6	65	16
<b>142471</b>			<b>Dharwad</b>	<b>35.9</b>	<b>43</b>	<b>3.1</b>	<b>26.8</b>	<b>6</b>	<b>68</b>	9
142145	4562	ZC (DCH 32)	Coimbatore	34.8	48	3.8	24.5	6.9	67	11
142472			Dharwad	35.5	43	3.2	26.2	6	66	13
			<b>Lam</b>	<b>35.5</b>	<b>49</b>	<b>3.7</b>	<b>29.6</b>		<b>75</b>	<b>2</b>
142103			Raichur	37.6	45	3.9	25.3	6	70	6
142473	4563	RHB-1014	Dharwad	34.0	44	3.2	26.2	6	63	21
			<b>Lam</b>	<b>36.1</b>	<b>49</b>	<b>3.7</b>	<b>29.7</b>		<b>76</b>	<b>1</b>
142146			Coimbatore	36.8	46	3.5	27.0	6.6	73	<b>3</b>
142104			Raichur	36.8	45	3.5	26.1	6.0	71	5
142105	4564	RHB-0713	Raichur	31.2	47	3.8	24.8	6	57	26
142147			Coimbatore	31.9	47	3.8	22.3	6.1	56	27
			<b>Lam</b>	<b>31.9</b>	<b>51</b>	<b>3.8</b>	<b>29.2</b>		<b>67</b>	11
142474			Dharwad	33.5	44	3.5	25.8	6	60	25
142106	4565	DHB-1301	Raichur	32.3	46	4.3	23.1	6	54	28
			Lam	32.6	47	3.7	25.1		61	23
142148			Coimbatore	33.2	47	3.8	23.7	7.0	61	23
<b>142475</b>			<b>Dharwad</b>	<b>34.6</b>	<b>44</b>	<b>3.2</b>	<b>24.8</b>	<b>6</b>	<b>64</b>	20
142149	4566	RHB-0812	Coimbatore	33.8	48	3.6	24.2	>7.0	65	16
			<b>Lam</b>	<b>33.9</b>	<b>49</b>	<b>3.6</b>	<b>28.7</b>		<b>71</b>	5
142107			Raichur	34.9	46	3.6	23.7	6	65	16
142476			Dharwad	35.2	43	3.3	26.7	6	65	16
	4567	LC	Lam	33.1	48	3.9	27.4		65	16
142108			Raichur	33.4	46	3.7	25.0	6	61	23

Zonal Trials South: Br-15a										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
142477			Dharwad	34.9	43	3.3	26.6	6	64	20
<b>142150</b>			<b>Coimbatore</b>	<b>35.2</b>	<b>46</b>	<b>3.4</b>	<b>26.4</b>	<b>6.5</b>	<b>69</b>	<b>7</b>

### Br03b – Preliminary Varietal Trial

Zonal Trials South: Br-03b										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
142519	4571	BGDS 1063	Aruppukottai	25.8	48	4.2	20.8	5.1	39	22
142433			Dharwad	29.6	46	4.3	19.8	5.4	45	8
142390			Perambalur	31.3	46	5.0	22.5	5.5	<b>48</b>	<b>3</b>
142520	4572	ZC (Sahana)	Aruppukottai	25.7	50	4.2	21.4	5.1	42	16
142434			Dharwad	26.2	47	3.9	19.9	5.6	39	22
142391			Perambalur	29.8	47	4.4	20.5	5.6	<b>47</b>	<b>4</b>
142521	4573	CSH 1110	Aruppukottai	26.2	49	4.1	21.6	5.2	43	13
142435			Dharwad	27.6	46	4.4	22.4	5.4	41	18
142392			Perambalur	32.1	46	5.3	24.2	5.7	<b>50</b>	<b>1</b>
142522	4574	SCS 1062	Aruppukottai	26.4	47	3.8	20.5	5.0	41	18
142436			Dharwad	27.6	47	4.0	20.6	5.2	<b>43</b>	13
142393			Perambalur	29.3	47	5.0	21.5	5.6	<b>43</b>	13
142523	4575	LC	Aruppukottai	26.8	48	4.6	20.9	5.1	40	20
142437			Dharwad	27.3	48	3.2	21.9	5.3	<b>49</b>	<b>2</b>
142394			Perambalur	30.3	47	5.1	20.9	5.5	45	8
142524	4576	BGDS 802	Aruppukottai	27.9	46	4.5	22.3	5.4	41	18
142438			Dharwad	28.1	46	4.2	20.3	5.6	42	16
142395			Perambalur	30.2	46	4.9	22.1	5.6	<b>45</b>	<b>8</b>
142525	4577	P 2151	Aruppukottai	25.0	46	4.1	20.9	5.1	35	24
142439			Dharwad	27.7	47	3.5	20.7	5.5	<b>46</b>	<b>5</b>
142396			Perambalur	29.4	47	4.6	21.3	5.7	45	8
142440	4578	IH 11	Dharwad	25.4	47	3.7	21.2	5.2	39	22
142397			Perambalur	28.1	48	4.5	21.9	5.4	<b>44</b>	<b>10</b>
142526			Aruppukottai	29.2	46	4.7	21.5	5.4	43	13

### Br05b – Coordinated Hybrid Trial

Zonal Trials South: Br-05b										
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Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
142441	4581	DHH-1352	Dharwad	27.9	48	4.1	21.0	5.5	45	18
142527			Aruppukottai	29.3	46	4.2	21.7	5.4	46	16
142415			Perambalur	32.4	45	4.2	22.1	5.5	<b>53</b>	5
142442	4582	SHH 818	Dharwad	28.0	47	4.5	21.7	5.3	42	23
142528			Aruppukottai	29.1	45	4.5	20.6	5.3	42	23
142416			Perambalur	29.5	47	5.1	21.9	5.4	<b>44</b>	20
142443	4583	PCH 4370	Dharwad	29.4	45	3.7	22.7	5.2	48	11
142529			Aruppukottai	30.5	46	4.4	20.9	5.3	47	13
142417			<b>Perambalur</b>	<b>34.2</b>	<b>45</b>	<b>4.7</b>	<b>21.9</b>	<b>5.5</b>	<b>55</b>	<b>4</b>
142444	4584	ZC (Bunny)	Dharwad	30.3	44	3.4	23.1	5.2	51	7
142530			Aruppukottai	31.5	44	3.7	21.7	5.4	51	7
142418			<b>Perambalur</b>	35.5	43	3.8	23.4	5.5	<b>61</b>	<b>1</b>
142445	4585	NHH 715	Dharwad	27.8	47	3.6	21.4	5.0	46	16
142531			Aruppukottai	28.6	46	4.5	21.1	5.3	42	23
142419			Perambalur	30.6	46	4.4	23.5	5.4	<b>50</b>	8
142446	4586	LC	Dharwad	26.5	47	3.9	18.9	4.9	39	27
142532			Aruppukottai	29.6	47	4.6	20.9	5.5	45	18
142420			Perambalur	32.0	45	4.7	22.2	5.6	<b>49</b>	9
142533	4587	BGDHH 821	Aruppukottai	29.9	46	4.0	21.3	5.5	48	11
142447			<b>Dharwad</b>	<b>32.2</b>	<b>45</b>	<b>3.6</b>	<b>21.9</b>	<b>5.2</b>	<b>55</b>	<b>4</b>
142421			<b>Perambalur</b>	<b>33.0</b>	<b>45</b>	<b>4.4</b>	<b>25.2</b>	<b>5.6</b>	<b>56</b>	<b>2</b>
142534	4588	ARBHH-1352	Aruppukottai	27.8	46	4.2	20.4	5.3	41	25
142448			Dharwad	28.7	46	3.8	22.3	5.3	<b>47</b>	13
142422			Perambalur	29.9	46	4.6	19.9	5.5	44	20
142535	4589	RAHH 806	Aruppukottai	27.1	48	5.0	21.4	5.4	39	27
142449			Dharwad	27.9	47	4.4	21.0	5.2	42	23
142423			Perambalur	29.3	48	4.8	23.4	5.4	<b>47</b>	13

Br06b – Preliminary Varietal Trial Compact Genotypes

Zonal Trials South: Br-06b										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
142450	4591	ARBC-1352	Dharwad	28.6	46	3.3	21.3	5.2	48	8
142424			Perambalur	30.3	47	4.3	21.8	5.5	<b>49</b>	6
142451	4592	CNH 1111	Dharwad	27.3	49	5.0	21.6	5.4	<b>41</b>	15
142425			Perambalur	27.8	48	5.2	20.7	5.4	39	18
142452	<b>4593</b>	<b>SCS 1206</b>	<b>Dharwad</b>	<b>30.8</b>	<b>44</b>	<b>3.1</b>	<b>24.4</b>	<b>5.5</b>	<b>54</b>	<b>4</b>
142426			<b>Perambalur</b>	<b>33.5</b>	<b>46</b>	<b>3.8</b>	<b>23.9</b>	<b>5.4</b>	<b>60</b>	<b>1</b>
142453	4594	ARBC 64	Dharwad	25.7	48	3.8	21.1	5.2	41	15
142427			Perambalur	27.7	48	4.5	20.1	5.3	<b>42</b>	13
142454	<b>4595</b>	<b>Local Check</b>	Dharwad	28.6	46	3.4	22.9	5.4	49	6
142428			<b>Perambalur</b>	<b>32.8</b>	<b>46</b>	<b>4.6</b>	<b>24.8</b>	<b>5.6</b>	<b>55</b>	<b>2</b>
142455	4596	NH 635	Dharwad	25.9	47	3.8	20.0	5.0	39	18
142429			Perambalur	30.7	45	4.4	22.2	5.5	<b>47</b>	9
142456	4597	CNH 281	Dharwad	26.0	48	3.6	20.8	5.1	42	13
142430			Perambalur	29.0	47	4.0	20.3	5.4	<b>46</b>	10
142457	4598	DSC-1351	Dharwad	27.6	47	3.3	22.6	5.4	<b>48</b>	8
142431			Perambalur	28.9	47	4.7	21.7	5.3	44	11
142458		ARBH 813	Dharwad	26.9	46	3.9	21.1	5.0	41	15
142432			Perambalur	32.9	46	4.7	23.2	5.7	54	4

Br24b – Coordinated Varietal Trial G. arboreum

Zonal Trials South: Br-24b										
Sample No.	Code No.	Entry Name	Location	SL (mm)	UR (%)	Mic	Str (g/tex)	E%	HSC	Rank of entries within zone
142478	4601	CNA 1016	Dharwad	25.5	49	5.3	21.2	5.4	35	7
142634			Kovilpatti	25.8	50	5.2	20.7	5.6	<b>37</b>	5
142479	4602	<b>GAM-198</b>	Dharwad	26.3	47	5.0	20.0	5.2	34	9
142635			Kovilpatti	28.0	47	4.7	21.9	5.1	<b>42</b>	<b>2</b>
142480	4603	LC	Dharwad	25.6	48	5.5	20.6	5.3	32	11
142636			Kovilpatti	25.8	48	5.0	20.9	5.5	<b>35</b>	7
142481	4604	JLA-0603	Dharwad	22.3	48	6.0	21.5	5.6	22	14
142637			Kovilpatti	22.8	50	5.7	23.3	6.1	<b>29</b>	12
142482	4605	NDLA 2985	Dharwad	21.8	51	6.0	19.9	5.1	24	13
142638			Kovilpatti	24.7	49	5.1	22.2	5.3	<b>34</b>	9
142483	4606	<b>ZC</b>	Dharwad	26.9	46	5.1	20.2	5.0	34	9
142639			<b>Kovilpatti</b>	<b>27.0</b>	<b>49</b>	<b>4.4</b>	<b>21.2</b>	<b>4.8</b>	<b>43</b>	<b>1</b>
142484	4607	<b>PA 740</b>	Dharwad	27.0	47	4.9	21.6	5.4	38	4
142640			Kovilpatti	27.3	48	4.9	22.5	5.3	<b>41</b>	<b>3</b>

Annexure I: Technical programme of ICAR-AICRP on Cotton trials

**NATIONAL TRIALS**

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

S. No	Code	Name of Entry	Locations	LC
1.	401	RAH 1033	SGNR	RS 2103
2.	402	CCH 14-2	Hisar	H 1236
3.	403	GJHV 497	Faridkot	LH 2108
4.	404	ARBH1401	Bathinda	LH 2108
5.	405	CNH 5	Sirsa (C)	H 1226
6.	406	L 1008	Kanpur	Vikas
7.	407	CSH 3232	Khandwa	JK 4
8.	408	GSHV 177	Surat	G.Cot. 20
9.	409	CNH 1118	Talod	G.Cot. 20
10.	410	SCS 1061	Junagadh	G.Cot. 20
11.	411	ZC (H 1300/ CNHO 12/Suraj)	Rahuri	Surabhi
12.	412	CPD 1402	Bhawanipatna	Surabhi
13.	413	TSH 0533-2	Raichur	Sahana
14.	414	RS 2765	B'Gudi	Sahana
15.	415	HS 294	Lam	L 604
16.	416	BS 23	Coimbatore	MCU. 13
17.	417	CPD 1401	Srivilliputhur	SVPR. 4
18.	418	F 2493	Arabhavi	Sahana
19.	419	F 2501		
20.	420	Quality Check(F 2164/Suraj/Suraj)		
21.	421	CSH 2838		
22.	422	TCH 1806		
23.	423	SCS 1207		
24.	424	GSHV 179		
25.	425	H 1471		
26.	426	PBH 10		
27.	427	CCH 14-1		
28.	428	ARBH1402		
29.	429	L 1060		
30.	430	RAH 1066		
31.	431	PBH 13		
32.	432	LC		
33.	433	RS 2767		
34.	434	SHAKTI SULTAN (SSGR105)		
35.	435	GJHV 510		
36.	436	BS 26		
37.	437	GTHV 13/37		
38.	438	TSH 0533-1		



## NATIONAL TRIALS

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

S. No	Code	Name of Entry	Locations	LC (2)
1.	451	GBHV 183	Banswara	Wagad Kalyan
2.	452	CSH 2	Bharuch	G.Cot.16
3.	453	H 1472	Indore	VIKRAM
4.	454	SCS 1061	Akola	AKH 8828
5.	455	L 762	Nanded	NH 545
6.	456	CCH 14-3	Nagpur [C]	AKH 8828
7.	457	GTHV 13/17	Dharwad	Sahana
8.	458	AKH 08-3	Nandyal	Siva Nandi
9.	459	ARBH 1452	Kovilpatti	KC 3
10.	460	NDLH 2015	Perambalur	KC 3
11.	461	ZC (NH 615/ Suraj)		
12.	462	CSH 1		
13.	463	SCS 1207		
14.	464	AKH 08-8		
15.	465	RAH 1066		
16.	466	CNH 61		
17.	467	L 770		
18.	468	CPD 1451		
19.	469	GBHV 188		
20.	470	NH 659		
21.	471	CNH 7022		
22.	472	NDLH 2010		
23.	473	CPD 1452		
24.	474	BS 26		
25.	475	LC		
26.	476	ARBH 1451		
27.	477	IH 70-1		
28.	478	RAH 1003		
29.	479	CCH 14-4		
30.	480	BS 3		

## NATIONAL TRIALS

Br. 05a - PHT- Intra hirsutum - Hybrid

S. No	Code	Name of Entry	Locations	Local Check (2)
1.	501	25D11	SGNR	Maru Vikas
2.	502	NCS 2324	Faridkot	LHH 144
3.	503	DHH 1401	Bhatinda	LHH 144
4.	504	MRC 7071	Hisar	HHH 223
5.	505	Ankur Suwarna	Kanpur	CSHH 243
6.	506	HSHH 32	Banswara	H 8
7.	507	TCHH 105171	Surat	G.Cot.Hy.12
8.	508	SHH 906	Talod	G.Cot.Hy.12
9.	509	LAHH 25	Rahuri	Phule 492
10.	510	FHH 248	Bhawanipatna	Bunny
11.	511	RHH 1112	Raichur	DHH 263
12.	512	DHH 1402	Lam	LAHH 5
13.	513	CSHG 2091	Coimbatore	Mallika
14.	514	NCS 5657	Srivilliputhur	Mallika
15.	515	ZC (CSHH 198/ Ankur 651/ Bunny)	B' Gudi	DHH 263
16.	516	SHH 902	Nagpur (Ankur)	NHH 44
17.	517	GSGHH 623	Junagadh	G Cot Hy 12
18.	518	ARBHH1401	Khandwa (Nuzi)	JK Hy 1
19.	519	Ronak 202	Jalna (Mahyco)	NHH 44
20.	520	GJHH 2	Arabhavi	DHH 263
21.	521	FHH 261		
22.	522	ARBHH1402		
23.	523	GTHH 215		
24.	524	LAHH 26		
25.	525	HSHH 33		
26.	526	RAHH 922		
27.	527	LC		
28.	528	HHH 495		
29.	529	RAHH 909		
30.	530	GSHH 2759		
31.	531	Ronak 101		
32.	532	GJHH 4		
33.	533	RHH 1125		

### NATIONAL TRIALS

#### Br. 05 b PHT- Intra hirsutum - Hybrid

S. No	Code	Name of Entry	Locations	LC
1.	551	RAHH 909	Indore	JK Hy 3
2.	552	SHH 906	Nanded	NHH 44
3.	553	CAHH 272	Akola	PKV Hy 2
4.	554	ARBHH1452	Hansot	G.Cot.Hy.12
5.	555	NHH 688	Dharwad	DHH 263
6.	556	ZC (Ankur 651/ Bunny)	Nandyal	LAHH 5
7.	557	DHH 1452	Perambalur	Mallika
8.	558	LAHH 27	Kovilpatti	Mallika
9.	559	GTHH 217	Aurangabad (Nuzi)	NHH 44
10.	560	ARBHH1451	Raichur	DHH 263
11.	561	RAHH 922	Jalna (Mahyco)	NHH 44
12.	562	GSHH 2777		
13.	563	LC		
14.	564	BHH 326		
15.	565	DHH 1451		
16.	566	CAHH 273		
17.	567	SHH 902		

### NATIONAL TRIALS

#### Br. 06a – IET of Compact genotypes (Irrigated)

S. No.	Code	Genotype	Location	LC
1.	601	ANGC 1402	Faridkot	LH 2108
2.	602	DSC-1401	Hisar	H 1098-I
3.	603	CSH 3113	Sriganganagar	RS 875
4.	604	CCH 14-6	Talod	G.Cot.10
5.	605	CNH 2015	Bhawanipatna	Suraj
6.	606	H 1477	Rahuri	Phule 688
7.	607	RAHC 1011	Coimbatore	Suraj
8.	608	ARBC-1402	Raichur	RAH 100
9.	609	GSHV 180	Lam	L 604
10.	610	RS 2727		
11.	611	LC (Coded at closer spacing)		
12.	612	RAHC 1012		
13.	613	PBH 3		
14.	614	CNH 291		
15.	615	TCH 1817		
16.	616	CNH 25		
17.	617	ANGC 1401		
18.	618	CCH 14-5		
19.	619	CNH 1120		
20.	620	GTHV 13/32		
21.	621	CSH 73		
22.	622	GISV 272		
23.	623	RS 2734		
24.	624	DSC-1402		
25.	625	ARBC-1401		
26.		LC at recommended spacing (Not Coded)		

### NATIONAL TRIALS

Br. 06 b – Initial Evaluation of Compact genotypes (Rainfed)

S. No.	Code	Genotype	Location	Local Check (2)
1.	631	DSC-1451	Akola	AKH 8828
2.	632	CCH 14-8	Nanded	NH 615
3.	633	CNH 2007-10	Indore	JK 4
4.	634	JK 35	Surat	G.Cot.20
5.	635	GBHV 188	Kovilpatti	KC 3
6.	636	ANGC 1451	Nandyal	Siva Nandi
7.	637	CNH 2015	Dharwad	ARBH 813
8.	638	LC (Coded at closer spacing)		
9.	639	AKH 13-51		
10.	640	CNH 1121		
11.	641	ANGC 1452		
12.	642	CNH 25		
13.	643	CCH 14-7		
14.	644	GSHV 171		
15.	645	PH 1060		
16.	646	GTHV 13/28		
17.	647	DSC-1452		
18.	648	CNH 1119		
19.	649	ARBC-1451		
20.	650	CNH 29I		
21.	651	ARBC-1452		
22.		LC at recommended spacing (Not Coded)		

**NATIONAL TRIALS**

Br 12a. IET of *G. barbadense*

S. No	Code	Name of Entry	Locations
1.	661	CCB 29	Surat
2.	662	DB 1401	Rahuri
3.	663	Suvin (CC)	Coimbatore
4.	664	ARBB 1401	Dharwad
5.	665	DB 1402	Lam
6.	666	CCB 36	Raichur
7.	667	ARBB 1402	
8.	668	GSB 45	

### NATIONAL TRIALS

Br. 15a - PHT - Interspecific Hybrid (hirsutum x barbadense)

S. No	Code	Name of Entry	Locations	LC (2)
1.	671	CCHB 4	Anand	G.Cot.Hy.102
2.	672	DHB 1402	Rahuri	Phule 388
3.	673	ARBHB 1402	Banswara	DCH 32
4.	674	RHB 1122	Lam	DHB 915
5.	675	ARBHB 1401	Dharwad	DHB 915
6.	676	DCH 32 (CC)	Coimbatore	TCHB 213
7.	677	RHB 1123	Srivilliputhur	TCHB 213
8.	678	DHB 1401	Raichur	DHB 915
9.	679	DHB 1011		
10.	680	DHB 1009		
11.	681	LC		
12.	682	DHB 1012		

## NATIONAL TRIALS

Br. 22a/b - IET of *G. arboreum*

S. No	Code	Entry	Locations	LC (2)
1.	701	CCA2006	SGNR	RG 8
2.	702	CISA 6-2	Faridkot	LD 694
3.	703	RAAS 752	Kanpur	CAD 4
4.	704	DWDa 1401	Bathinda	LD 694
5.	705	PBD 4	Hisar	HD 432
6.	706	ARBa1402	Sirsa (C)	RG 8
7.	707	GAM 216	Khandwa	JK 5
8.	708	JLA 0916	Amreli	G.Cot.19
9.	709	FDK 252	Akola	AKA. 8
10.	710	RAAS 751	Parbhani	PA 402
11.	711	JLA 0716	Jalgaon	JLA 794
12.	712	RG 772	Nagpur (C)	AKA. 8
13.	713	LC	Dharwad	AK 235
14.	714	FDK 249	Raichur	AK 235
15.	715	AKA 2004-29	Nandyal	Sri Nandi
16.	716	ARBa1401	Kovilpatti	K. 11
17.	717	PBD 2		
18.	718	DWDa 1402		
19.	719	NDLA 3077		
20.	720	CNA 2009		
21.	721	CNA 449		
22.	722	AKA 2008-7		
23.	723	PA 785		
24.	724	NDLA 3068		
25.	725	CCA 1022		
26.	726	ZC (FDK 124/AKA 7/DLSa 17)		
27.	727	GAM 219		
28.	728	HD 514		
29.	729	PA 778		
30.	730	RG 776		

**NATIONAL TRIALS**  
Br. 25a/b PHT of Desi Hybrid

S. No	Code	Name of Entry	Locations	LC (2)
1.	751	AKDH 99	SGNR	RAJ DH. 9
2.	752	KR 84	Faridkot	PAU 626 H
3.	753	FMDH 44	Bhatinda	PAU 626 H
4.	754	Mahabeej DH 905	Hisar	AAH 1
5.	755	ZC (CISAA 2-NZ; NACH 12-CZ)	Kanpur (I)	RAJ DH. 9
6.	756	NACH 461	Surat	G.Cot.MDH-11
7.	757	CISAA 29	Amreli	G.Cot.MDH-11
8.	758	LC	Bharuch	G.Cot.MDH-11
9.	759	AAH 36	Pachora (Nirmal Seeds)	PDKVDH.1
			Rahuri (I)	G.cot MDH 11
			Akola	PDKVDH.1
			Parbhani	PDKVDH.1
			Nagpur (C)	PDKVDH.1

**NATIONAL TRIALS**  
Br. 32b IET of *G. herbaceum*

S.No	Code	Name of Entry	Locations	LC (2)
1.	801	DWDh 1402	Surat	GN.Cot.25
2.	802	RAHS 804	Bharuch	GN.Cot.25
3.	803	RAHS 803	Banswara	Pratap Kapi 1
4.	804	GShv 497/10	Dharwad	Jayadhar
5.	805	GShv 453/10	Raichur	RAHS 14
6.	806	GBhv -297		
7.	807	ZC (G Cot 23/DDhc 11)		
8.	808	GBhv -298		
9.	809	ANGh 1401		
10.	810	RAHS 802		
11.	811	GBhv -299		
12.	812	GShv 424/10		
13.	813	DWDh 1401		
14.	814	LC		
15.	815	GShv 420/10		
16.	816	GBhv -296		
17.	817	ANGh 1402		
18.	818	RAHS 801		

### ZONAL TRIALS – NORTH ZONE

#### Br-03 a

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

S. No.	Code	Entries	Location	Local Check
1.	4001	CSH 3088	Sriganganagar	RS-2013
2.	4002	LH 2232	Kanpur	Vikas
3.	4003	ZC (H 1300)	Faridkot	LH 2108
4.	4004	F 2296	Bathinda	LH 2108
5.	4005	Su-Flum	Hisar	H 1236
6.	4006	LC	Sirsa – HAU	H 1117
7.	4007	SCS 1211		
8.	4008	LH 2306		
9.	4009	Quality Check (F 2164)		
10.	4010	PUSA 5760		
11.	4011	LH 2220		

#### Br-05a

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

S. No.	Code	Entries	Location	Local Check
1.	4021	CSHG-1729	Sriganganagar	Maru vikas
2.	4022	ZC (CSHH198)	Kanpur	LHH 144
3.	4023	HSHH 31	Bathinda	LHH 144
4.	4024	FHH 209	Faridkot	LHH 144
5.	4025	Local Check	Hisar	HHH 287
6.	4026	FHH 231	Abohar (Ankur)	LHH 144
7.	4027	HHH 494		
8.	4028	CSHH-2012		
9.	4029	ARCH 3244		
10.	4030	FHH 234		



**Br-06a**

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

S. No.	Code	Entries	Location	Local Check
1.	4031	CSH 3075	Sriganganagar	RS 875
2.	4032	H 1465	Faridkot	LH 2108
3.	4033	RS 2718	Hisar	H 1098-I
4.	4034	Local Check (Coded & Closer spacing)	Bhatinda	LH 2108
5.	4035	LH 2298		
6.	4036	CSH 3178		
7.	4037	F 2381		
8.	4038	F 2383		
9.		Local Check (Recommended spacing)		

**Br-24 a**

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

S. No.	Code	Entries	Location	Local Check
1.	4041	ZC (FDK 124)	Kanpur	CAD 4
2.	4042	LD 1019	Sriganganagar	RG 8
3.	4043	LC	Hisar	HD-432
4.	4044	FDK 230	Faridkot	LD 694
5.	4045	LD 1026	Bhatinda	LD 694

### ZONAL TRIALS – CENTRAL ZONE

#### Br-03 a

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

S. No.	Code	Entries	Location	Local Check
1.	4101	GJHV-516	Surat	G. Cot 20
2.	4102	GSHV-169	Talod	G. Cot 20
3.	4103	Quality Check (Suraj)	Junagadh	G. Cot 20
4.	4104	GJHV 514	Rahuri	RHC 688
5.	4105	ZC (CNHO 12)	Bhawanipatna	Surabhi
6.	4106	P 5430		
7.	4107	LC		
8.	4108	GSHV-164		
9.	4109	TCH 1777		
10.	4110	CCH 12-2		

#### Br-04 a

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

S. No.	Code	Entries	Location	Local Check
1.	4121	SCS 1062	Surat	G. Cot 20
2.	4122	BGDS 1063	Junagadh	G. Cot 20
3.	4123	LC	Rahuri	RHC 688
4.	4124	GSHV-162	Bhawanipatna	Surabhi
5.	4125	GISV 267		
6.	4126	Quality Check (Suraj)		
7.	4127	ZC (CNHO 12)		
8.	4128	CCH 11-2		

#### Br-05a

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

S. No.	Code	Entries	Location	Local Check
1.	4131	GSHH 2646	Surat	H 12
2.	4132	RHH-1015	Talod	H 12
3.	4133	RHH-1014	Rahuri	Phule 492
4.	4134	ARCHH 9191	Banswara	H 8
5.	4135	ZC (Ankur 651)	Bhawanipatna	Bunny
6.	4136	NCS 3445	Khandwa	JK Hy 1
7.	4137	SHH 801	Nagpur (Ankur)	NHH 44
8.	4138	MRC 7388	Jalna (Mahyco)	NHH 44
9.	4139	ARCH 3244		
10.	4140	LC		
11.	4141	RHH – 0917		
12.	4142	RHH-1007		
13.	4143	SHH 818		
14.	4144	BGDHH 821		

**Br-06a**

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

S. No.	Code	Entries	Location	Local Check
1.	4151	ARBC 19	Talod	G.Cot.20
2.	4152	GTHV 04/13	Bhawanipatna	Suraj
3.	4153	Local Check (Coded & Closer spacing)	Rahuri	Phule 688
4.	4154	ARBC-1301	Banswara	Vagadkalyan
5.	4155	CCH 12-6		
6.	4156	LH 2298		
7.		Local Check (Recommended spacing)		

**Br – 13 a PVT *G. barbadense***

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

S. No.	Code	Entries	Location
1.	4161	ARBB-1302	Surat
2.	4162	GSB 43	Rahuri
3.	4163	ZC (Suvin)	Indore
4.	4164	GSB-44	
5.	4165	DB-1301	

**Br. 14 a – CVT *G. barbadense***

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

S. No.	Code	Entries	Location
1.	4171	GSB 41	Surat
2.	4172	RAB 8	Rahuri
3.	4173	DB 39	Indore
4.	4174	ZC (Suvin)	
5.	4175	TCB 37	
6.	4176	ARBD 27	
7.	4177	DB 40	

**Br-15 a**

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

S. No.	Code	Entries	Location	Local Check
1.	4181	RHB- 0708	Banswara	G COT HB 102
2.	4182	DHB-1301	Anand	G COT HB 102
3.	4183	ZC (DCH 32)	Indore	DCH 32
4.	4184	ARBHB 702	Rahuri	Phule 388
5.	4185	LC		
6.	4186	RHB- 0812		
7.	4187	RHB-1014		

**Br-03 b**

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

S. No.	Code	Entries	Location	Local Check
1.	4201	CNH 7008	Bharuch	G Cot 16
2.	4202	LC	Akola	AKH 8828
3.	4203	CCH 12-3	Indore	KH 2
4.	4204	ZC (NH 615)	Nanded	NH 545
5.	4205	IH 11	Banswara	Wagad Kalyan
6.	4206	Quality Check (Suraj)		

#### Br-04 b

Design: RBD; Reps: 3; Rows: 8 (6 m length); Seed qty: 400 g X 5

S. No.	Code	Entries	Location	Local Check
1.	4211	SCS 1062	Bharuch	G Cot 16
2.	4212	ZC (NH 615)	Akola	AKH 8828
3.	4213	BGDS 1063	Indore	KH 2
4.	4214	Local Check	Nanded	NH 545
5.	4215	GBHV 180	Banswara	Wagad Kalyan
6.	4216	Quality Check (Suraj)		
7.	4217	GBHV 177		

#### Br-05 b

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

S. No.	Code	Entries	Location	Local Check
1.	4221	DHH 1251	Nanded	NHH 44
2.	4222	NCS 3445	Akola	PKV Hy 2
3.	4223	ZC (Ankur 651)	Indore	JK HY 2
4.	4224	BGDHH 821	Hansot	G. Cot. Hy. 12
5.	4225	NHH 715		
6.	4226	SHH 808		
7.	4227	LC		
8.	4228	SHH 802		
9.	4229	GSHH-2595		
10.	4230	DHH 1252		

#### Br-06b

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

S. No.	Code	Entries	Location	Local Check
1.	4231	DSC-1352	Akola	AKH 8828
2.	4232	Local Check (Coded & Closer spacing)	Nanded	NH 615
3.	4233	DSC 54	Nagpur (CICR)	PKV 081
4.	4234	ARBC 64	Surat	G.Cot.20
5.		Local Check (Recommended spacing)		

**Br-24 b**

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

S. No.	Code	Entries	Location	Local Check
1.	4241	JLA-0614	Amreli	G Cot 19
2.	4242	NDLA 3020	Akola	AKA 8
3.	4243	ZC (AKA 7)	Jalgaon	JLA 794
4.	4244	PA-760	Parbhani	PA 402
5.	4245	JLA 0603	Junagarh	G Cot 19
6.	4246	LC		
7.	4247	CNA 1016		
8.	4248	NDLA 2985		

**Br-25 b**

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

S. No.	Code	Entries	Location	Local Check
1.	4251	AKDH-96	Amreli	G Cot MDH 11
2.	4252	LC	Khandwa	JK 5
3.	4253	NACH 433	Akola	PKV Suvarna
4.	4254	PKV DH 1 (ZC)	Jalgaon	JLA 794
			Parbhani	PKV Suvarna
			Junagarh	G Cot MDH 11
			Pachora (Nirmal)	PKV Suvarna

## ZONAL TRIALS – SOUTH ZONE

### Br-03 a

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

S. No.	Code	Entries	Location	Local Check
1.	4501	CCH 12-2	Arabhavi	ARBH 813
2.	4502	TSH 0499	Lam	L 604
3.	4503	ZC (Suraj)	Coimbatore	MCU 13
4.	4504	HS 292	Srivilliputhur	SVPR 4
5.	4505	TSH 04/115	Raichur	ARBH 813
6.	4506	LC		
7.	4507	GJHV-516		
8.	4508	TCH 1777		
9.	4509	CCH 13-2		

### Br-04a

Design: RBD; Reps: 3; Rows: 8 (6 m length); Seed qty: 400 g X 5

S. No.	Code	Entries	Location	Local Check
1.	4511	BGDS 1063	Arabhavi	ARBH 813
2.	4512	SCS 1001	Lam	L 604
3.	4513	ZC (Suraj)	Coimbatore	MCU 13
4.	4514	SCS 1062	Srivilliputhur	SVPR 4
5.	4515	LC	Raichur	ARBH 813
6.	4516	GSHV 162		

### Br-05a

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

S. No.	Code	Entries	Location	Local Check
1.	4521	DHH-1302	Raichur	DHH 11
2.	4522	SHH 818	Lam	LAHH 5
3.	4523	ZC (Bunny)	B' Gudi	DHH 11
4.	4524	RHH-1015	Srivilliputhur	Mallika
5.	4525	MRC 7388	Coimbatore	Mallika
6.	4526	Ankur 3228	Ranebennur (Mahyco)	DHH 11
7.	4527	LC	Warangal (Ankur)	LAHH 5
8.	4528	PCH 2491		
9.	4529	RHH-1007		
10.	4530	BGDHH 821		

**Br-06a**

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

S. No.	Code	Entries	Location	Local Check
1.	4531	ARBC 19	Coimbatore	Suraj
2.	4532	TCH 1705	Arabhavi	RAH 100
3.	4533	ARBC-1301	Lam	L 604
4.	4534	Local Check (Coded & Closer spacing)	Raichur	RAH 100
5.	4535	DSC-1302		
6.	4536	CCH 12-6		
7.	4537	LH 2298		
8.	4538	DSC-1301		
9.		Local Check (Recommended spacing)		

**Br – 13 a PVT *G. barbadense***

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

S. No.	Code	Entries	Location
1.	4541	ARBB-1302	Coimbatore (TNAU)
2.	4542	ARBD 27	Dharwad
3.	4543	ZC (Suvin)	Lam
4.	4544	GSB-44	Raichur
5.	4545	DB-1301	
6.	4546	DB-1302	
7.	4547	GSB 43	

**Br. 14 a – CVT *G. barbadense***

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

S. No.	Code	Entries	Location
1.	4551	DB 40	Coimbatore (TNAU)
2.	4552	GSB 40	Dharwad
3.	4553	ZC (Suvin)	Lam
4.	4554	DB 11	Raichur
5.	4555	DB 39	

**Br-15 a**

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

S. No.	Code	Entries	Location	Local Check
1.	4561	RHB-0922	Dharwad	DHB 915
2.	4562	ZC (DCH 32)	Raichur	DHB 915
3.	4563	RHB-1014	Coimbatore	TCHB 213
4.	4564	RHB-0713	Lam	DHB 915
5.	4565	DHB-1301		
6.	4566	RHB- 0812		
7.	4567	LC		

**Br-03b**

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

S. No.	Code	Entries	Location	Local Check
1.	4571	BGDS 1063	Dharwad	ARBH 813
2.	4572	ZC (Sahana)	Nandyal	Sivanandi
3.	4573	CSH 1110	Aruppukottai	KC 3
4.	4574	SCS 1062	Perambalur	KC 3
5.	4575	LC		
6.	4576	BGDS 802		
7.	4577	P 2151		
8.	4578	IH 11		

**Br-05b**

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

S. No.	Code	Entries	Location	Local Check
1.	4581	DHH-1352	Dharwad	DHH 11
2.	4582	SHH 818	Nandyal	LAHH 5
3.	4583	PCH 4370	Aruppukottai	Mallika
4.	4584	ZC (Bunny)	Perambalur	Mallika
5.	4585	NHH 715	Ranebennur (Mahyco)	DHH 11
6.	4586	LC		
7.	4587	BGDHH 821		
8.	4588	ARBHH-1352		
9.	4589	RAHH 806		

**Br-06b**

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

S. No.	Code	Entries	Location	Local Check
1.	4591	ARBC-1352	Perambalur	Suraj
2.	4592	CNH 1111	Nandyal	Siva Nandi
3.	4593	SCS 1206	Dharwad	ARBH 813
4.	4594	ARBC 64		
5.	4595	Local Check (Coded & Closer spacing)		
6.	4596	NH 635		
7.	4597	CNH 281		
8.	4598	DSC-1351		
9.		Local Check (Recommended spacing)		

**Br-24 b**

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

S. No.	Code	Entries	Location	Local Check
1.	4601	CNA 1016	Dharwad	AKA 235
2.	4602	GAM-198	Nandyal	Yaganti
3.	4603	LC	Kovilpatti	K 11
4.	4604	JLA-0603		
5.	4605	NDLA 2985		
6.	4606	ZC (DLSa 17)		
7.	4607	PA 740		



**Standard Cottons:**

During the period 8 samples of G. Arboreum: AKA-5,AKA-7,AKA-8 and AKH-8401 and G. Hirsutum: PKV Rajat, AKH-081, AKH-8828 and DHY-286 were received for quality evaluation and Spin ability to judge the spinning performance. Mean fibre length, mature fibre percentage, 2.5% as well as UHML, span length, uniformity ratio and uniformity index, fiber fineness, micronaire value bundle strength at 3.2 mm gauge length are obtained by using the HVI after calibrating the instrument for both ICC and HVI modes. 8 Samples are also evaluated for quality parameters in Advanced Fibre Information System (AFIS). Mechanical Processing of 8 Samples have been completed and spinning of yarns to 20s, 30s and 40s areCompleted.

**TABLE 1: Fibre Properties in HVI**

<b>Variety</b>	<b>AKA-5</b>	<b>AKA-7</b>	<b>AKA-8</b>	<b>AKH-8828</b>
Place	Akola	Akola	Akola	Akola
Sr.No	1	2	3	4
<b>Fibre Properties</b>				
Mean Length (mm)	23.3	22.0	23.4	24.6
Micronaire value	4.4	4.5	4.6	4.2
Fineness (millitex)	173.2	177.1	181.1	165.4
Mature Fibre(%)	72	75	77	75
<b>HVI Test (ICC Mode)</b>				
2.5% Span Length (mm)	25.9	24.4	26.0	27.3
Uniformity Ratio (%)	50	51	50	49
Bundle Tenacity (g/t)	22.1	21.4	22.2	21.2
Colour Rd%	66.1	72.8	76.8	71.8
+b	9.4	9.2	9.0	10.9
Colour Grade	52.1	31.4	21.4	33.1
<b>HVI Test (HVI Mode)</b>				
UHML (mm)	25.8	24.8	26.7	27.8
UI (%)	81	81	82	81
Bundle Tenacity (g/t)	26.3	26.3	30.7	29.0

**TABLE 2: Fibre Properties in HVI**

<b>Variety</b>	<b>PKV-Rajat</b>	<b>AKH-081</b>	<b>AKH-8828</b>	<b>DHY-286</b>
Place	Akola	Akola	Akola	Akola
Mean Length (mm)	24.0	24.7	23.6	25.2
Micronaire value	4.2	4.2	3.8	3.8
Fineness (millitex)	165.3	165.3	149.6	149.6
Mature Fibre(%)	74	72	64	66
2.5% Span Length (mm)	26.7	27.4	26.2	28.0
Uniformity Ratio (%)	49	48	49	51
Bundle Tenacity (g/t)	19.6	18.7	22.2	23.8
Colour Rd%	69.3	72.8	75.9	75.3
+b	10.6	10.6	10.7	10.0
Colour Grade	43.1	32.1	22.1	66
UHML	27.1	26.7	27.3	27.7
UI (%)	81	79	81	82
Strength (g/t)	23.0	23.8	28.1	29.3

A Comparison will be drawn with release time values on different varieties of Standard cotton regarding 2.5% Span length, Micronaire and tenacity to ascertain whether any genetic deterioration takes place in quality over the years

The yarns are subjected to lea strength and Uster evenness testing and the results are given below

**Table 3. Mechanical Properties of Yarns**

Variety	AKA-5		AKA-7		AKA-8		AKH-8401	
Place	AKOLA		AKOLA		AKOLA		AKOLA	
Sr. No	1		2		3		4	
Cotton Appearance	<b>G. Arboreum</b>							
Yarn Properties	40252		40253		40254		40255	
Nominal Count	30s	40s	20s	40s	30s	40s	50s	60s
Lea CSP	2166	2040	2086	1836	2112	1796	2215	2052
Yarn Unevenness (U %)	15.93	17.22	15.46	19.72	14.58	19.42	16.97	17.94
Neps/km	856	1366	1054	2515	712	2262	2880	3340
Thin Place	413	658	379	1361	217	1362	530	884
Thick Place	960	1535	899	2180	628	2289	1737	2047

**Table 4. Mechanical Properties of Yarns**

Variety	PKV Rajat		AKH-081		AKH-8828		DHY-286	
Place	AKOLA		AKOLA		AKOLA		AKOLA	
Sr. No	5		6		7		8	
Cotton	<b>G. Hirsutum</b>							
Yarn Properties/Sample No	40256		40257		40258		40259	
Nominal Count	30s	40s	20s	30s	20s	30s	20s	30s
Lea CSP	2331	2216	2244	1995	1918	1905	2080	2031
Yarn Unevenness (U %)	14.49	16.63	12.66	15.23	14.32	17.03	13.72	16.08
Neps/km	776	1423	206	656	413	1052	552	1312
Thin Place	152	526	46	269	193	724	92	411
Thick Place	584	1232	245	713	500	1252	489	1132

## Annexure II: Fibre and Yarn Quality Norms

### ICAR-CIRCOT Fibre Attributes Norms

Sr.No.	Count Range	Range of 2.5% Span Length (mm)	Minimum value of UR%	Minimum Tenacity (g/t)	Minimum Breaking Elongation (%)	Range of Micronaire	Minimum Maturity (PM%)
1	6s-12s	22-23	50	20	6.0	4.5-5.0	80
2	14s-18s	24-25	50	21	6.0	4.0-4.5	80
3	20s-24s	25-26	50	23	6.0	4.0-4.5	80
4	25s-30s	26-27	50	24	6.0	3.8-4.5	80
5	31s-40s	27-29	50	25	7.0	3.8-4.5	80
6	41s-50s	29-31	48	26	7.0	3.8-4.5	80
7	51s-60s	31-33	48	28	7.0	3.8-4.2	80
8	61s-80s	33-34	48	29	7.0	3.7-4.0	80
9	81s-100s	35-36	48	31	7.0	3.6-3.8	80
10	101s-120s	36-38	48	32	7.0	3.5-3.8	80

### ICAR-CIRCOT Yarn CSP Norms

Count	CSP	Count	CSP
16s	1836	60s	2392
20s	2024	70s	2484
30s	2116	80s	2576
40s	2208	100s	2760
50s	2300	120s	2944

### TMC Norms for Trash (%)

Staple Class	Trash Limit (%)
Extra Long Staple	2.0
Long and Medium Long	3.0
Medium and Short	3.5
Closed Boll Types	6.0

### Staple Length Categories of Indian Cottons Based on 2.5% Span length

Category	Range of 2.5% S.L.(mm)
Short	20 mm and below
Medium	20.5 - 24.5
Medium Long	25.0 - 27.0
Long	27.5 - 32.0
Extra long	32.5 mm and above

### Ratings of Cotton on The Basis of Length Uniformity

Category	Range of Uniformity Ratio
Poor	Below 42
Fair	42 to 43
Average	44 to 45
Good	46 to 47
Excellent	Above 47

### Classification of Cottons According to Micronaire Value

Category	Range of Micronaire Value
Very fine	Below 3.0
Fine	3.0 to 3.9
Average	4.0 to 4.9
Coarse	5.0 to 5.9
Very coarse	6.0 and above

### Classification of Cottons Based on Percent Mature Fibres (Pm)

Category	Percentage of Mature Fibres
Very immature	Below 31
Immature	31 to 49
Average Maturity	50 to 65
Good Maturity	66 to 81
Very Good Maturity	Above 81

### Ratings of cotton based on tenacity at 3.2 mm gauge length (ICC mode)

Category	Range of Bundle tenacity values in g/tex
Very weak	16.0 & below
Weak	16.1 - 20.0
Average	20.1 - 23.0
Good	23.1 - 26.0
Very good	Above 26.0