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**ANNUAL GROUP MEETING**

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

**COTTON TECHNOLOGICAL REPORT**

**(2016 -2017)**

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University, Coimbatore**



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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). Since then the cotton has moved a great deal from varieties to genetically modified cotton cultivars. Presently the future of genetically modified cotton is being discussed widely in the country along with the change in the weather pattern. Therefore, the importance of the project has received a thrust in terms of multi-disciplinary and multi-centre approaches with the active involvement of State Agricultural Universities across cotton growing states for the development of better varieties suiting to different agro climatic conditions. 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. It is heartening to note that vide letter no. F.No. A.Engg.17(13)/2014-AE dated 30.08.2016 from SMD, a new discipline, **Quality Research**, has been added in AICRP-on Cotton and ICAR-CIRCOT has been included as Principal Investigator. This letter was issued with approval of DDG (CS).

Since the quality plays an important role in varietal improvement research and it takes several years to evolve a variety endowed with good yield and desired fibre quality parameters. Starting with a few seeds initially obtained either from Germ Plasm collection or from a new cross, the cotton breeder has to select good plants during several successive generations until a strain which gives consistent results is evolved, year after year, as regards yield, quality and other characteristics.

The successful development of a new variety involves close collaboration of scientists from various disciplines, viz. the cotton breeder, agronomist, physiologist, pathologist, entomologist and technologist. The work of developing new varieties can be speeded up if an integrated approach covering all these aspects is made. The multi location evaluation of the new varieties for various characteristics in each cotton growing zone is necessarily to be carried out on the promising varieties.

India has become the world's largest producer and exporter of cotton. Indian cotton also typically trades at a discount upto the extent of 7 %, in the international market, compared to cotton from other countries due to practices followed in market yards and other subsequent processes. Opportunities may exist to improve the income of cotton producers in India and of global cotton consumers by improving the communication of consumer's quality needs to the farm level researchers.

The quality of the cotton fibre is dependent on the pedigree or genetic composition of the variety as well as on the conditions under which the plant is grown. Although fibre quality cannot be improved during processing however improper handling or processing can adversely affect the quality.

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 from breeders pertaining to the ICAR-AICRP on Cotton Zonal Trials (North Zone, Central Zone and South Zone) and National Trials. In all, the technological data on 2825 samples have been reported of which 1752 samples belong to National trials while 996 cotton samples correspond to Zonal Trials. Out of the zonal trials, 219 cotton samples belong to North zone, 413 cotton samples belong to Central zone and 364 belong to South zone. Under Agronomy trial 212 samples were received out of which 77 samples were tested for spinning performance along with fibre quality assessment and 77 samples belonging to Agron VII trials and 58 samples of Agron VIII trials are reported for fibre attributes. Thus fibre quality data of 3037 cotton samples and yarn quality data of 77 samples are presented in this report. The quality parameters of all cotton fiber samples were measured by using the High Volume Instrument operated in the HVI Mode.

### **HVI and ICC Mode Comparison**

Since last season onwards the testing of all the lint samples under the AICRP-on Cotton is being carried out in HVI mode of testing. This has brought the fibre attributes data at par with international method of testing. While most institutions in India use either International Calibration Cotton (ICC) or HVI tenacity, many foreign cottons, especially those from the US and Australia, are labeled with only HVI tenacity values which are much higher. 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. The comparisons with foreign cottons have led to the misnomer that Indian cottons are weaker compared to their foreign counterparts in a given category.

In order to get acquainted with the different parameters obtained in HVI mode following explanation is given. The comparison between ICC and HVI mode parameters are also explained.

**Fibre length:** The 2.5 per cent span length (ICC mode) is the distance up to which 2.5 per cent of the fibres caught in the sample holding comb are found to extend. On the other hand, Upper Half Mean Length (UHML), obtained in HVI mode, is the average length by number of the longer half (50 per cent) of the fibres distributed by weight. Though different by definition, the two length measures are nearly equal. Hence, there is no difficulty in switching over from the old set of parameters to the new.

**Fibre length variation:** The length variability index in the ICC mode is the uniformity ratio of span length at 50 per cent and 2.5 per cent density levels.

$$UR \% = (L_{50} / L_{2.5}) \times 100$$

The UR per cent for all varieties of cotton lies in the 40-54 range.

The uniformity index (UI) determined in the HVI mode is the ratio of the mean length and the UHML:

$$UI = (\text{Mean length} / \text{UHML}) \times 100$$

As mean length is very close to, though smaller than, UHML, the ratio is much larger than the UR per cent. Generally, the UI per cent is in the 70-98 range, the theoretical limit being 100 when the fibres are all of constant length.

**Tenacity:** The fibre tenacity in the ICC mode is available at the Stelo level. These are adjusted to agree with the tenacity obtained with conventional mechanical machines known as the Stelometer. In the HVI mode, the tenacity given by the machine is much higher than the

measures obtained in the ICC mode. The HVI tenacity is about 25-30 per cent higher than the tenacity obtained in the ICC mode.

A relationship between ICC & HVI Modes of testing is given below in the form of a regression equation is given. *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
<b>2.5% Span Length (SL)</b>	Upper Half Mean Length (UHML)	$UHML = 0.98 \times 2.5 SL + 0.1827$	<b>2.5% SL is equal to UHML</b>
<b>Uniformity Ratio (UR)</b>	Uniformity Index (UI)	$UI\% = -0.1841 \times UR\% + 91.17$	<b>UI is 1.8 times UR</b>
<b>Tenacity (g/tex) T(ICC)</b>	Tenacity (g/tex) T(HVI)	$T(HVI) = 1.0395 \times T(ICC) + 4.967$	<b>T (HVI) is 1.25 times of T (ICC)</b>
<b>Note: Other fibre properties like micronaire, elongation and short fibre index remain the same in both the modes of HVI testing</b>			

### The Quality Norms in HVI mode of testing

Over the past 55 years, USTER® STATISTICS has earned legendary status throughout textiles – and its value is more significant than ever in the globalized trading environment today and in the future. Therefore, it is pertinent to take into the account the Uster statistics while formulating the norms for the AICRP- on cotton system. In order to get the realistic scenario, the statistical analysis was carried out on samples of cotton fibre received during the season 2015-16 from all over the country under AICRP-on cotton. These samples were tested on HVI mode on different makes of HVI systems following relevant standard procedures. As per prevailing system the UHML was categorized into 9 groups. The UHML below 24 mm was not considered since fibres with this attribute mostly utilized either by Open end spinning Industry or other purposes such as absorbent cottons. The Uster statistics 2013 values for different parameters were taken as base, since these data are based on the cottons from different part of world. An attempt was made to find out the position of samples received under AICRP-on cotton with respect to world average. Uster statistics gives the value of the fibre attributes for 5 %, 25 %, 50 %, 75 % and 95 % percentiles. These percentiles may be labeled as Excellent, Good, Average, Fair and poor



respectively. The case may be reversed in case of micronaire values. The percentages of samples under these labels were determined by calculating the frequencies of samples in these categories. After statistical analysis of the fibre attributes data norms are proposed for HVI mode of testing. The analysis of data will be carried out for the current season and norms will be finalized.

### **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. HSC being an integrated index reflecting the spinnability of cotton is more suitable index to compare cottons than FQI.

## Abbreviations

Abbreviation	Description
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
Count1	Under spun count in English count ( $N_e$ )
CSP1	Corrected count strength product of under spun count
Count2	Over spun count in English count ( $N_e$ )
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

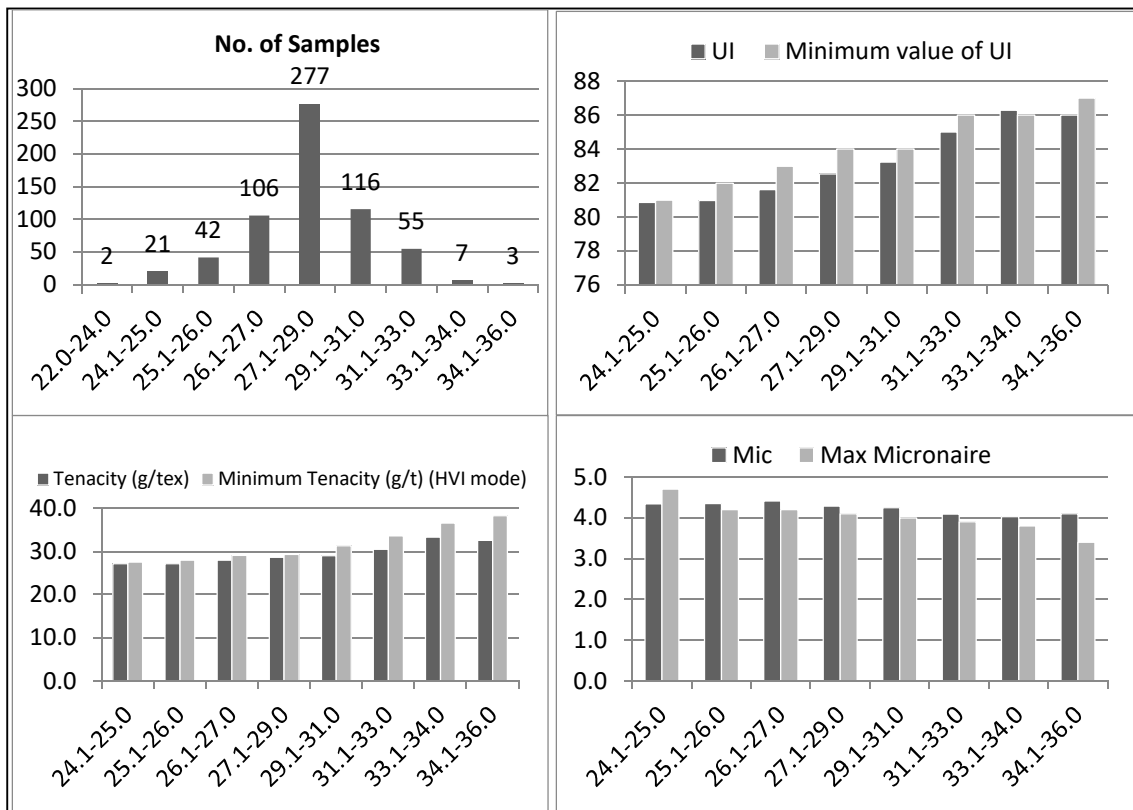
### National Trials

The samples under different National trials samples were segregated and analysed on basis of UHML ranges which are in vogue while carrying out the commercial transactions. The X-axis of all the graphical presentations of fibre attributes represents these UHML ranges in mm.

#### ❖ Br. 02a initial evaluation trial of *G. hirsutum* under irrigated condition

##### ○ Observations

- Majority of the samples were in UHML range of 26-31 mm.
- The samples were having UI below the minimum requirement barring the samples in 33-34 mm UHML range.



- The tenacity of the samples was either at par or marginally low compared to the minimum requirement.
- The micronaire values of most the samples were higher than the maximum required micronaire as depicted above.

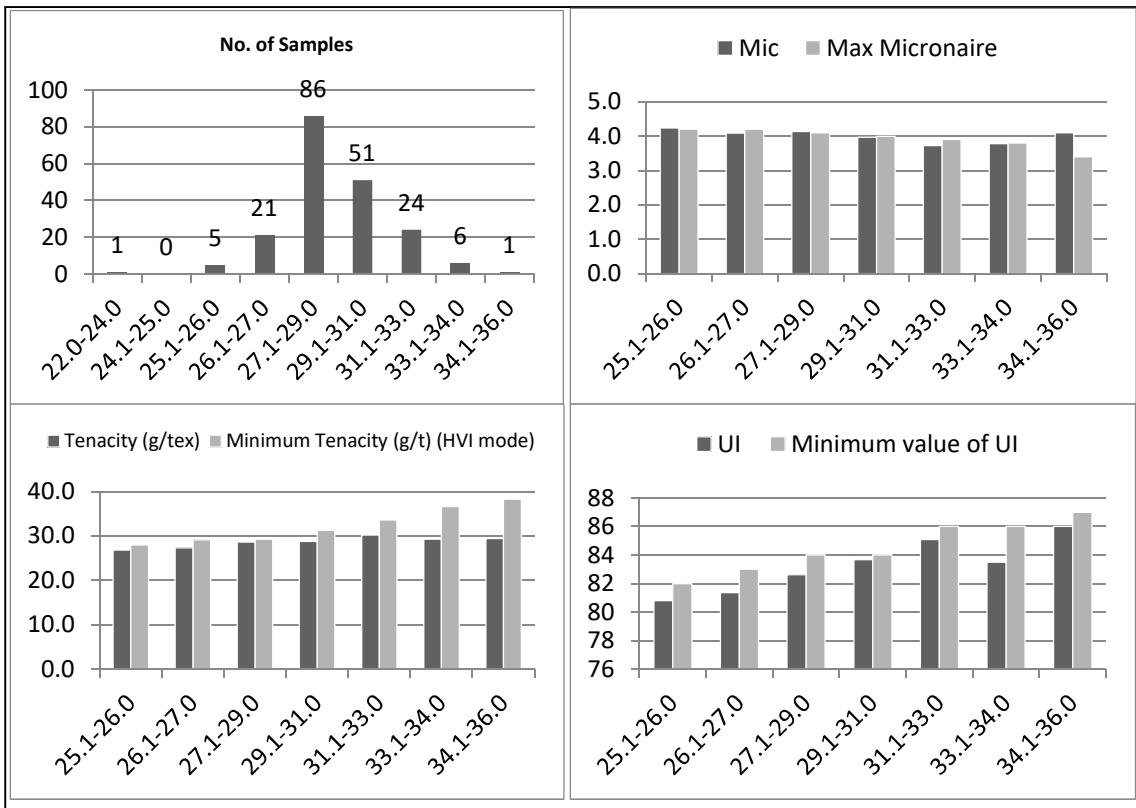
- Recommendations

- Entries BS-1 (31.9 mm UHML, Tenacity 30.4 g/tex, Mic 3.7 and Uniformity Index 85), SIMA-5 (31.5 mm, Tenacity 30.1 g/tex, mic 3.8 and Uniformity Index 85) and CCH16-1 (31.4 mm UHML, Tenacity 31.3 g/tex, Mic 4.0 and Uniformity Index 85) performed well.

- ❖ **Br. 02b initial evaluation trial of *G. hirsutum*,**

- Observations

- Majority of the samples were in UHML range of 27-31 mm.
- The samples were having UI below the minimum requirement.
- The tenacity of the samples between 25-33mm UHML was either at par or marginally low compared to the minimum requirement.
- Samples having UHML between 33-36 mm recorded lower tenacity than the minimum requirement.
- The micronaire values of most the samples were at par with the maximum required micronaire.



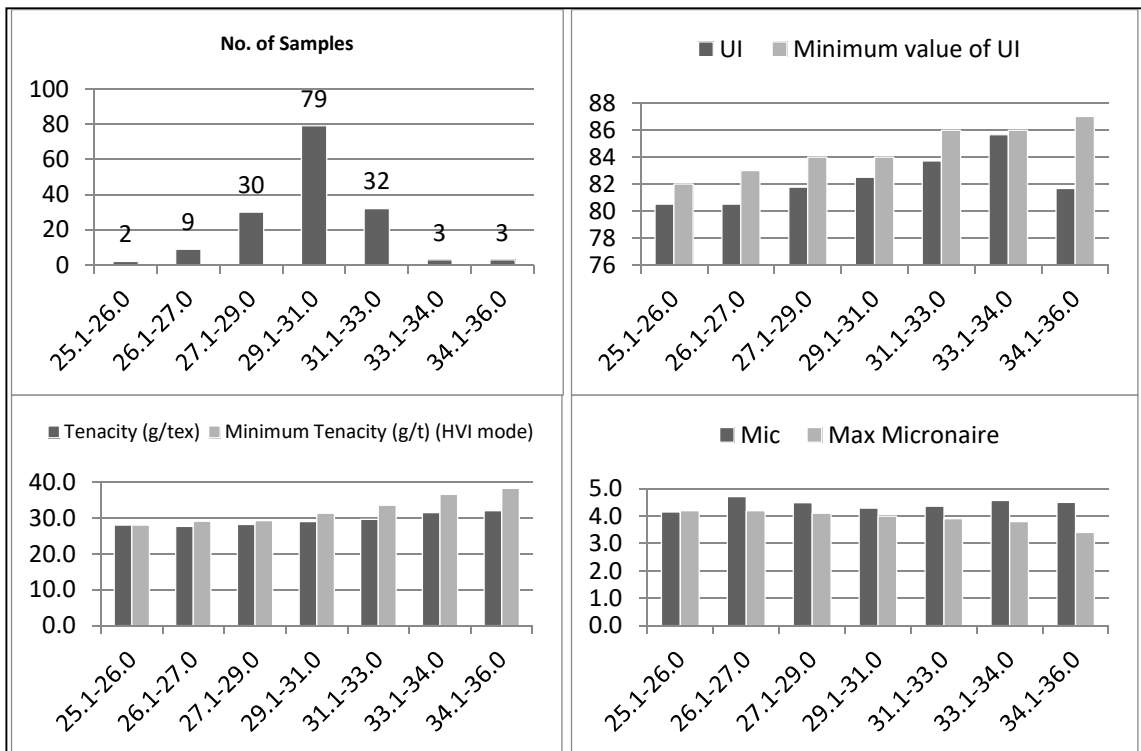
- Recommendations

- There were 30 entries in this trial. Entries TKH 0250/2 (30.8 mm UHML, Tenacity 28.4 g/tex, Mic 3.9, Uniformity Index 83), BGDS1072 (30.6 mm UHML, Tenacity 28.0 g/tex, Mic 3.8, Uniformity Index 83), BS-1 (30.1 mm UHML, Tenacity 27.9 g/tex, Mic 3.9, Uniformity Index 83) and TKH 1185/1/3 (30.3 mm UHML, Tenacity 29.5 g/tex, Mic 3.9 and Uniformity Index 84) performed well.

❖ **Br06a compact genotypes trial under irrigated conditions**

- Observations

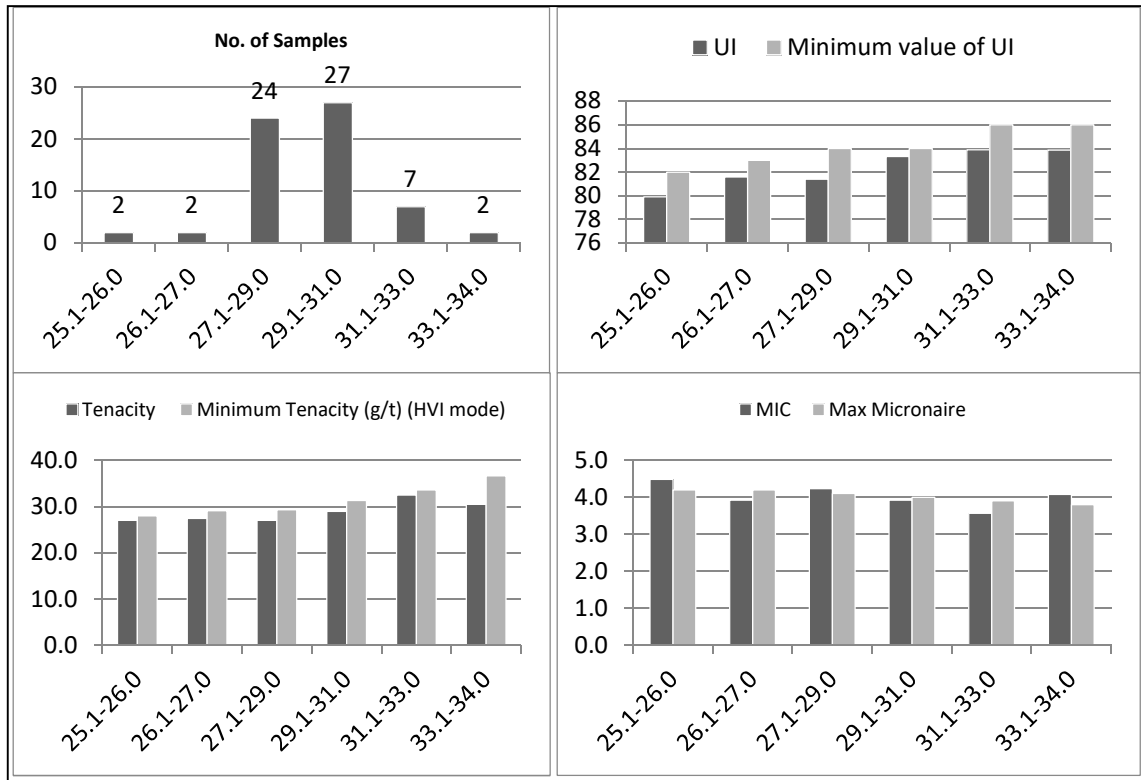
- Majority of the samples were in UHML range of 27-33 mm.
- The samples were having UI below the minimum requirement barring the samples in 33-34 mm UHML range.
- The tenacity of the samples was either at par or marginally low compared to the minimum requirement. The tenacity of the samples in UHML range of 33-36 mm was lower than minimum requirement.



- The micronaire values of most the samples were higher than the maximum required micronaire.
- Recommendations
  - The entries RAHC 1020 (29.7 mm; 29.3 g/tex, mic 4.3, UI 82) and BS-30 (29.8 mm; 29.8 g/tex, mic 4.2, UI 83) performed well compared to other entries from quality point of view.

❖ **Br06b IET compact genotypes under rain fed conditions**

- Observations
  - Majority of the samples were in UHML range of 27-31 mm.
  - The samples were having UI below the minimum requirement.

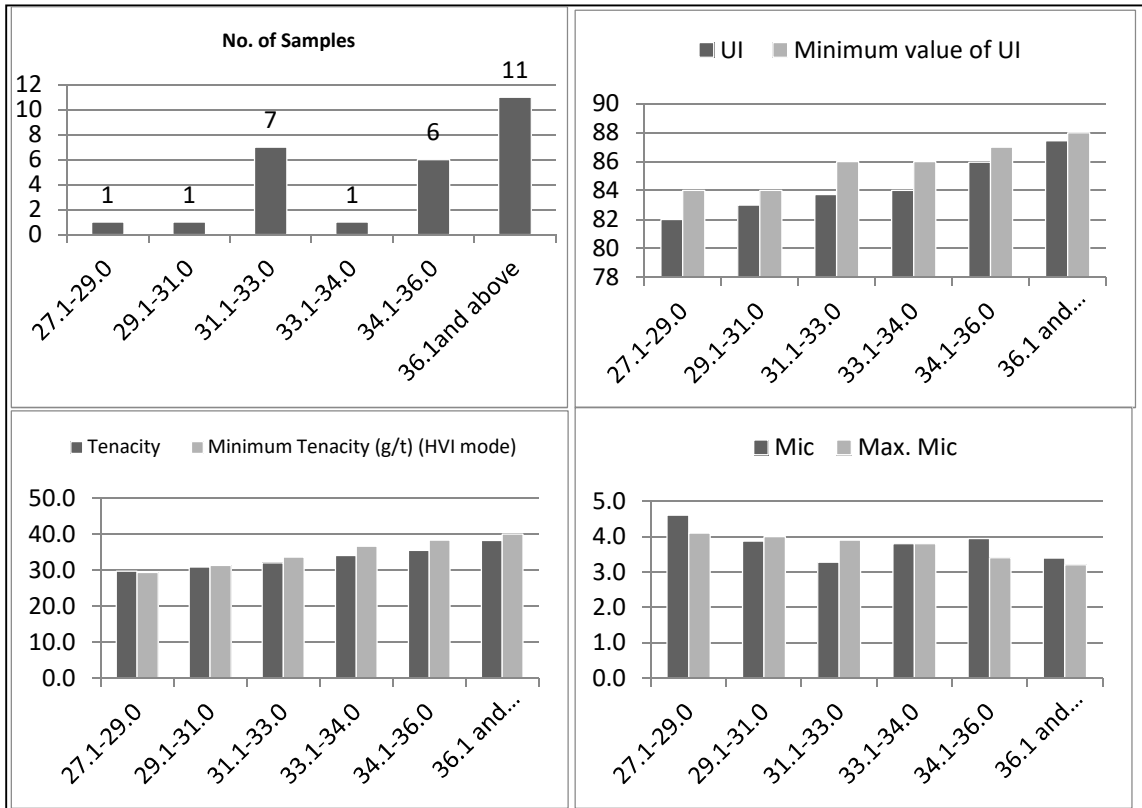


- The tenacity of the samples were marginally low compared to the minimum requirement barring for the samples in the UHML range of 33-34 mm where the tenacity was low compared to requirement.
- The micronaire values of most the samples were marginally higher than the maximum required micronaire.

- Recommendations
  - The entry RAHC 1020 (33.1 mm; 30.3 g/tex, 3.8 mic, 84 UI) performed well compared to other entries from quality point of view.

❖ **Br12a IET of *G. barbadense***

- Observations
  - Majority of the samples were in UHML range of 31-36> mm.
  - The samples were having UI below the minimum requirement.
  - The tenacity of the samples was either at par or marginally low compared



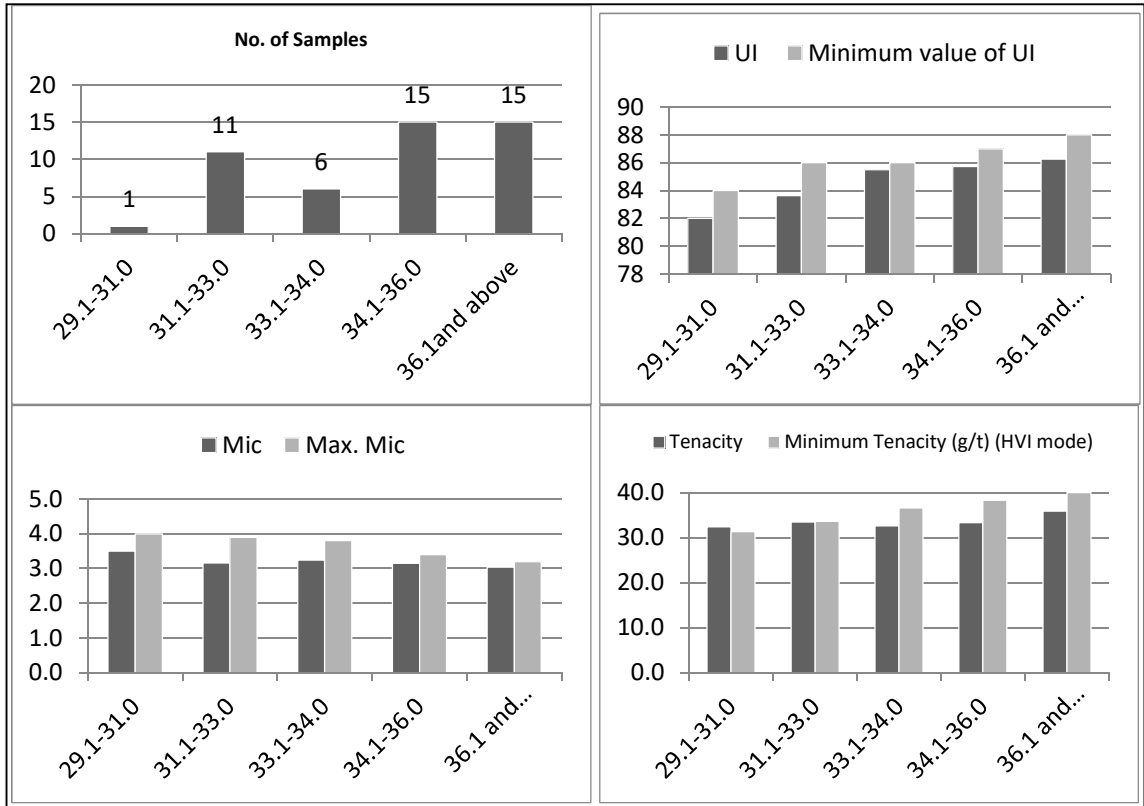
to the minimum requirement.

- The micronaire values of most the samples were within the limits of the maximum required micronaire.
- Recommendations
  - The entries CCB 51 (36.9 mm; 36.5 g/tex, mic 3.2, UI 87), Suvin (CC) (37.3 mm; 37.0 g/tex, mic 3.1, UI 86) and SB SG 1-5 (36.9 mm; 37.7 g/tex, mic 3.2, UI 86) performed well compared to other entries from quality point of view.

❖ **Br 15 a PHT inter specific- Hybrid (hir x barb)**

○ Observations

- Majority of the samples were in UHML range of 31-36> mm.
- The samples were having UI below the minimum requirement.
- The tenacity of majority of the samples was either at par or marginally low



compared to the minimum requirement. The tenacity of the samples in UHML range of 36> mm was lower than minimum requirement.

- The micronaire values of most the samples were within the limits of the maximum required micronaire as depicted above.

○ Recommendations

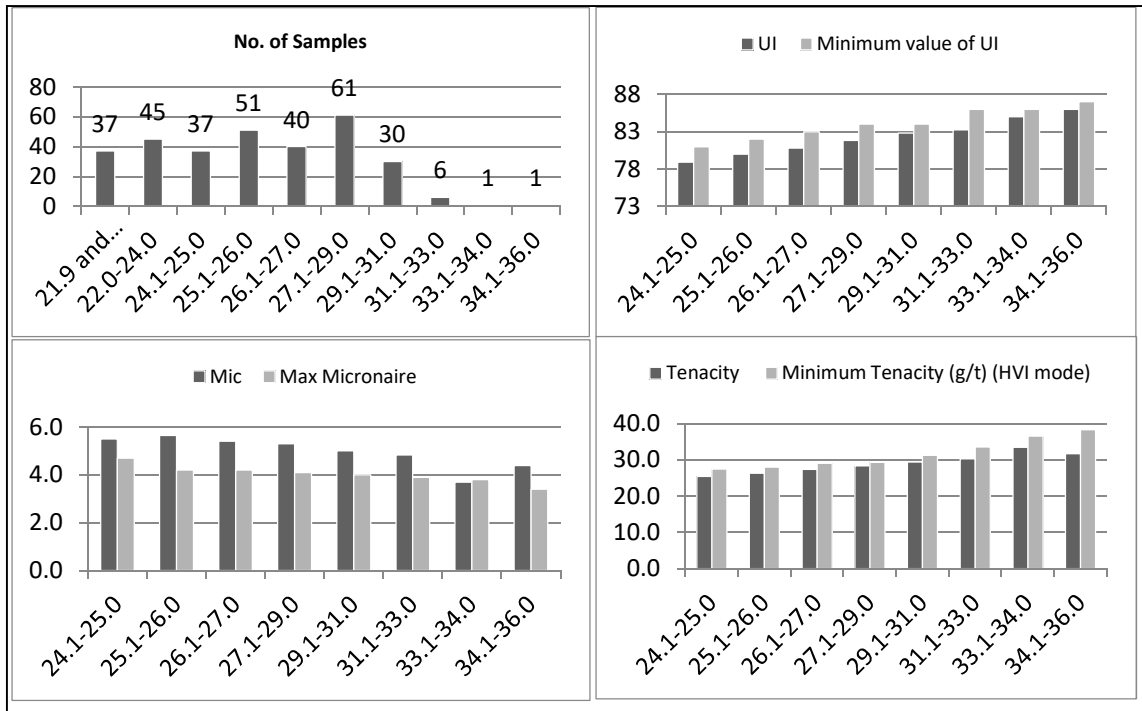
- The entries CCHB 20 (37.1 mm; 34.9 g/tex, mic 2.8, 86 UI), DHB-1601 (36.9 mm; 33.9 g/tex, mic 3.1 UI 86) and LAHB-1 (36.7 mm; 36.4 g/tex, mic 3.0 UI 86) performed well amongst all entries.



❖ **Br22a/b G. arboreum cultures**

○ Observations

- Under this trial samples were received in all the ranges of UHML. The majority of the samples were in UHML range of <22-31 mm.
- The samples were having UI below the minimum requirement.



- The tenacity of the samples was either at par or marginally low compared to the minimum requirement.
- The micronaire values of most the samples were higher than maximum required micronaire.

○ Recommendations

- The entry PA 810 performed well with these fibre attributes UHML 31.1 mm, Tenacity 29.7 g/tex, mic 4.7 and Uniformity Index 84. Under this trial 37 samples were received which had UHML 22 mm and below and most of the samples have micronaire above 6.5, there is a possibility of exploring these cultures for utilisation as absorbent.

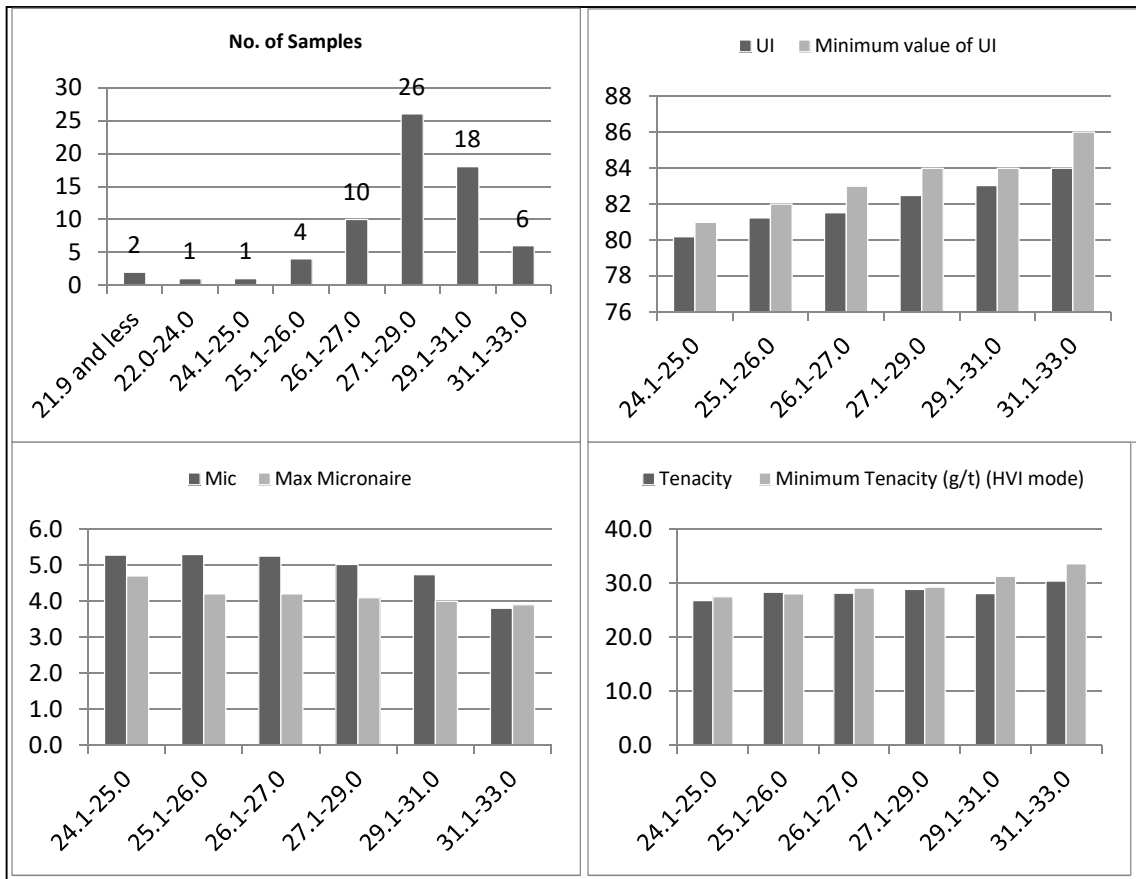
❖ **Br22a/b IET of Long linted G. arboreum cultures**

○ Observations

- Samples were received in all the ranges of UHML and majority of the samples were in UHML range of 26-31 mm.
- The UI was below the minimum requirement.
- The tenacity of the samples was either at par or marginally low compared to the minimum requirement.
- The micronaire values of most the samples were higher than maximum required micronaire.

○ Recommendations

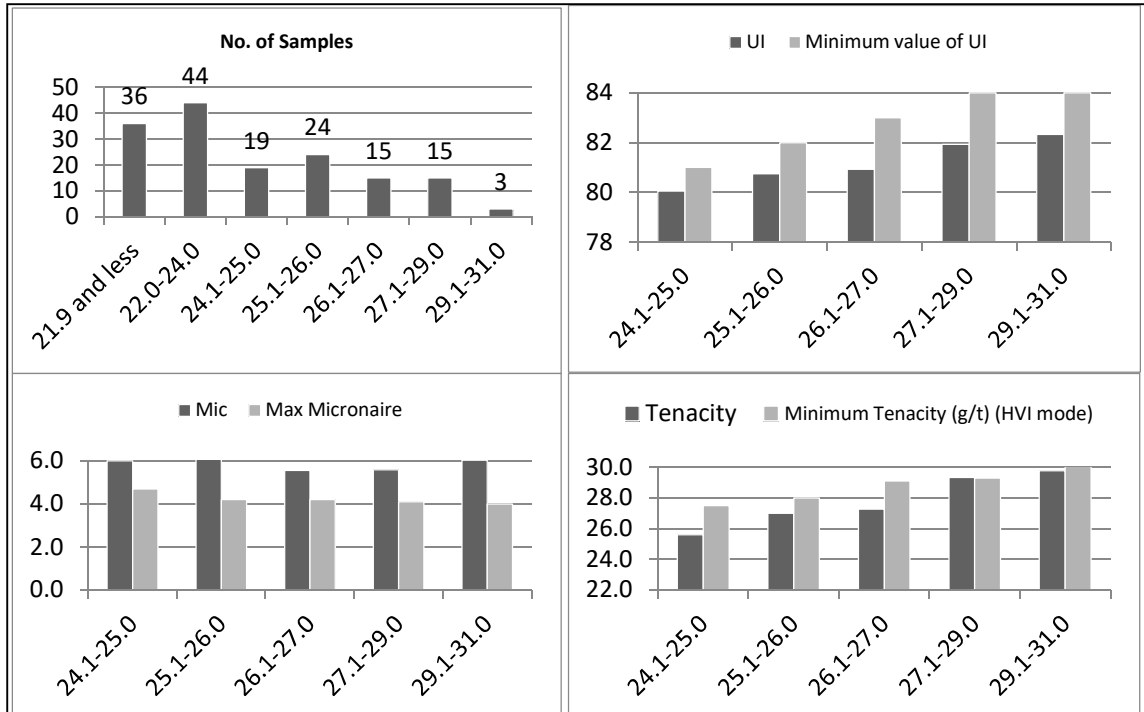
- The entries PA 741(30.3 mm, 83 UI, 28.6 g/tex, 5.0 mic), PA 793 (30.2 mm, 82 UI, 30.5 g/tex, 4.7 mic) and PA781 (30.1 mm, 83 UI, 30.1 g/tex, 4.7 mic) performed well.



❖ **Br25a/b – PHT of Desi hybrids**

○ Observations

- Samples were received in wide of the range of UHML of 22< to 31 mm.
- The samples were having UI below the minimum requirement.
- The tenacity of the samples was either at par or marginally low compared to the minimum requirement.



- The micronaire values of most the samples were higher than maximum required micronaire.

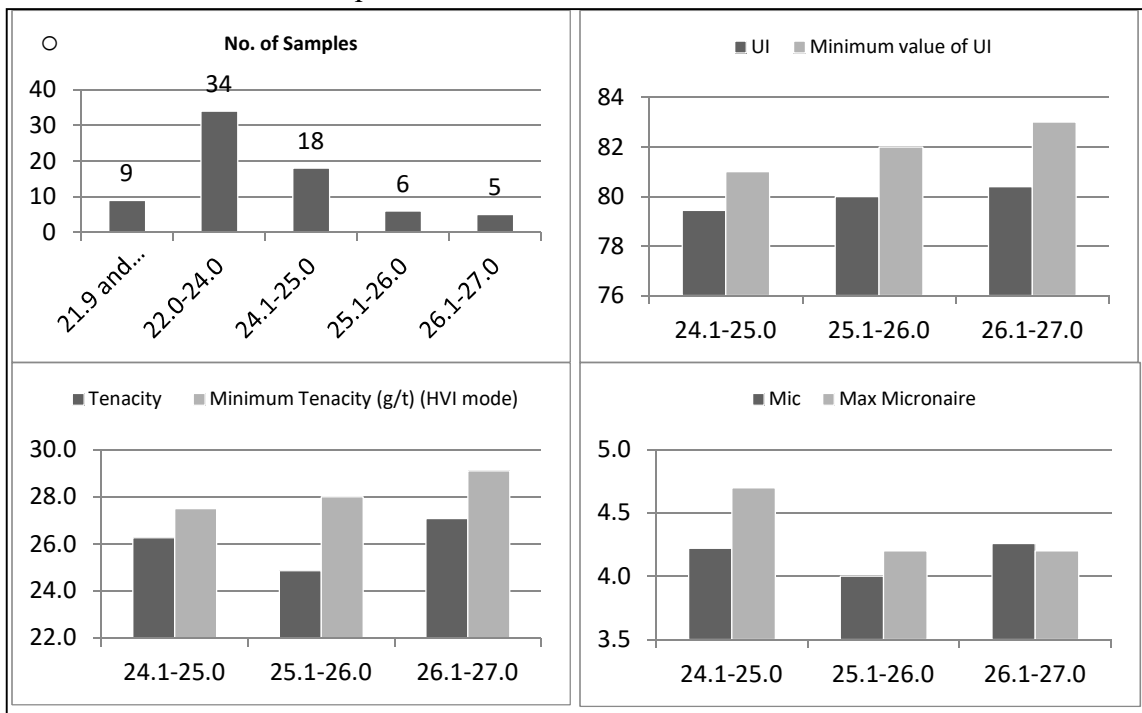
○ Recommendations

- The entry GSGDH 528 with fibre attributes UHML 26.4 mm, Tenacity 26.8 g/tex, mic 5.2 and Uniformity Index 80 and AKDH-102 with fibre attributes UHML 26.5 mm, Tenacity 28.2 g/tex, mic 5.5 and Uniformity Index 81 performed well.

❖ **Br32a/b IET of *G. herbaceum* cultures**

○ Observations

- Samples were received in all the ranges of UHML.
- The majority of the samples were in UHML range of <22-25mm.
- Samples were having UI below the minimum requirement.
- The tenacity of the samples was low compared to the minimum requirement.
- The micronaire values of most the samples were within limits of maximum required micronaire.



○ Recommendations

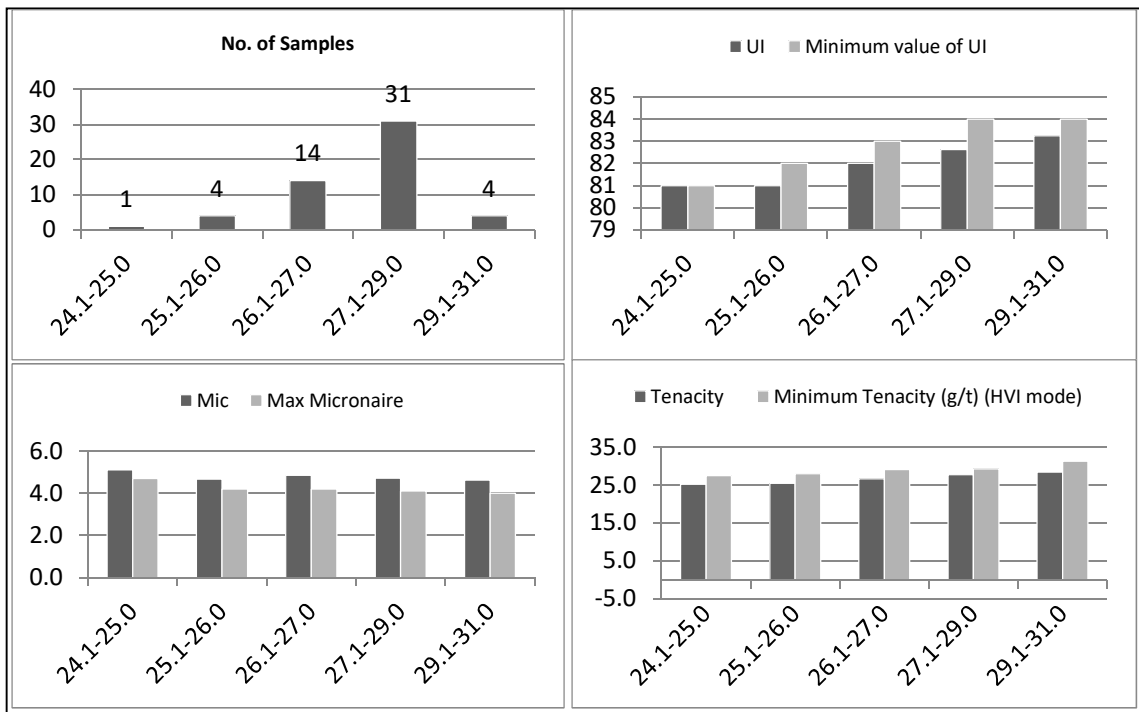
- The entry Gshv 362/12 with fibre attributes UHML 25.5 mm, Tenacity 26.5 g/tex, mic 4.4 and Uniformity Index 80 performed well.

## North Zone trials

### ❖ Br-03a trial

○ Observations

- The majority of the samples were in UHML range of 26-29 mm.
- The samples were having UI below the minimum requirement.

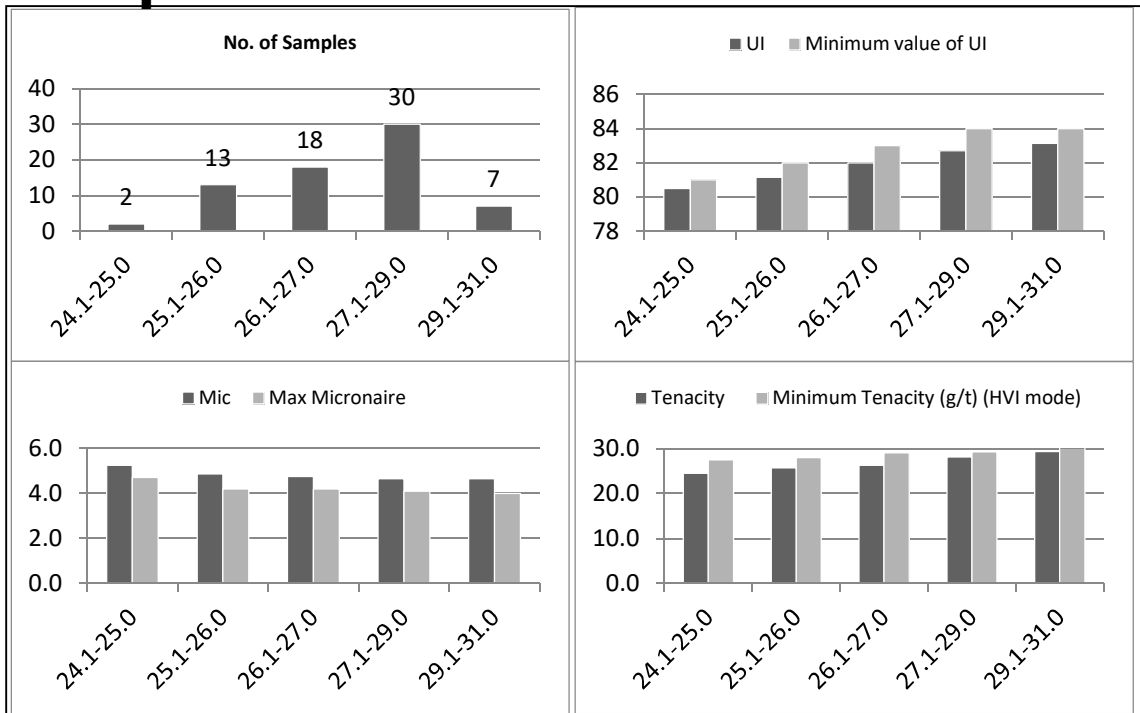


- The tenacity of the samples was either at par or marginally low compared to the minimum requirement.
- The micronaire values of most the samples were higher than maximum required micronaire as depicted above.
- Recommendations
  - The entry F2501 with fibre attributes UHML 29.2 mm, Tenacity 28.0 g/tex, mic 4.7 & Uniformity Index 83 performed well along with ZC and QC.

❖ **Br-05a trial**

○ Observations

- Majority of the samples were in the UHML range of 25-29 mm.
- The uniformity index was below the minimum requirement for most of the samples.
- The tenacity values were at par or marginally lower compared to minimum required. The micronaire values were higher than the maximum required for most of the samples tested under the trial as shown below.



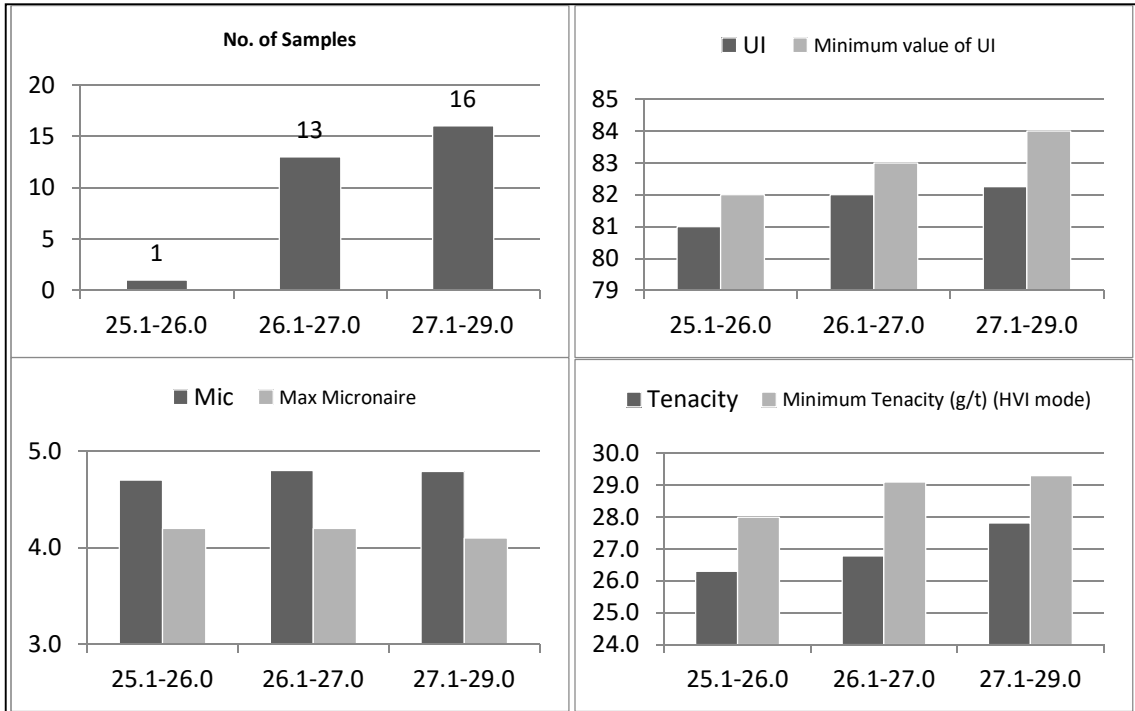
○ Recommendations

- FHH 298 (28.7 mm, 83 UI, 4.7 mic, 28.3 g/tex), FHH 261 (28.7 mm, 83 UI, 4.5 mic, 28.1 g/tex), FHH 260 (28.4 mm, 83 UI, 4.6 mic, 27.3 g/tex), and CSHH 3078 (28.3 mm, 83 UI, 4.3 mic, 28.0 g/tex) performed well compared to other entries.

❖ **Br-06a trial**

○ Observations

- Majority of the samples were in the UHML range of 26-29 mm.
- The uniformity index was below the minimum requirement for most of the samples.



- The tenacity values were lower compared to minimum required.
- The micronaire values were higher than the maximum required for most of the samples

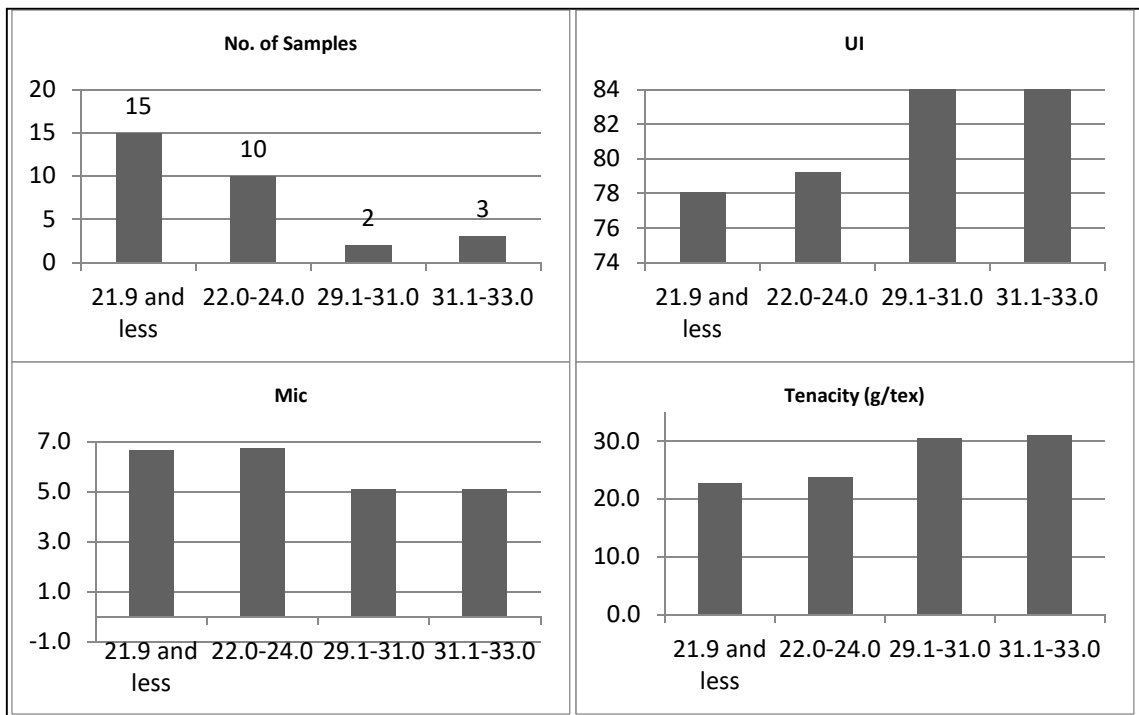
○ Recommendations

- RS2727 (27.7 mm, 82 UI, 4.6 mic, 27.9 g/tex) along with LC performed well compared to other entries.

❖ **Br-24a trial**

○ Observations

- Majority of samples in UHML range of <22-24 mm. Under the trial 5 samples were of Long staple and ELS cotton.
- Most of the samples with UHML below 22 mm were not spinnable and the micronaire values were above 6.5.



○ Recommendations

- These samples may be suitable for production of absorbent cotton.



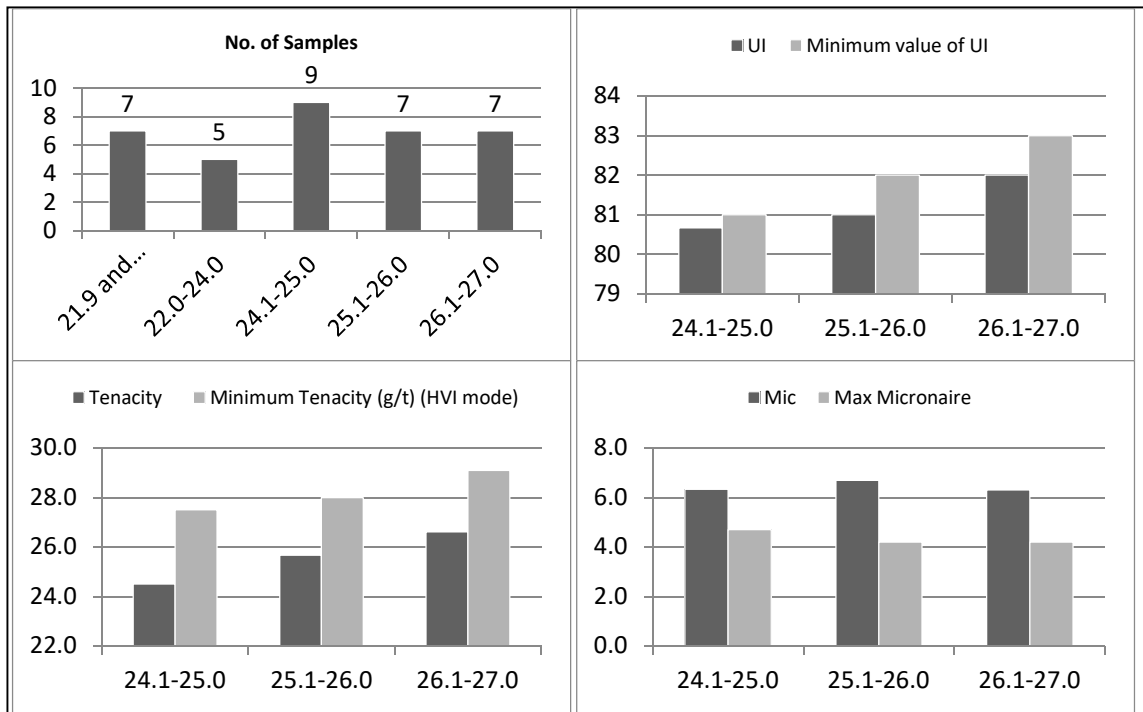
❖ **Br-25a trial**

○ Observations

- The overall UHML range of fibre in this trial is 20.4-26.1 mm.
- The strength is lower than minimum required and
- Micronaire values were higher than maximum micronaire value for respective UHML.

○ Recommendations

- GSGDH 521 (26.1 mm, 82 UI, 6.3 mic, 26.5 g/tex) and BDAA 011 (25.9 mm, 82 UI, 6.3 mic, 26.0 g/tex) are good performing entries.

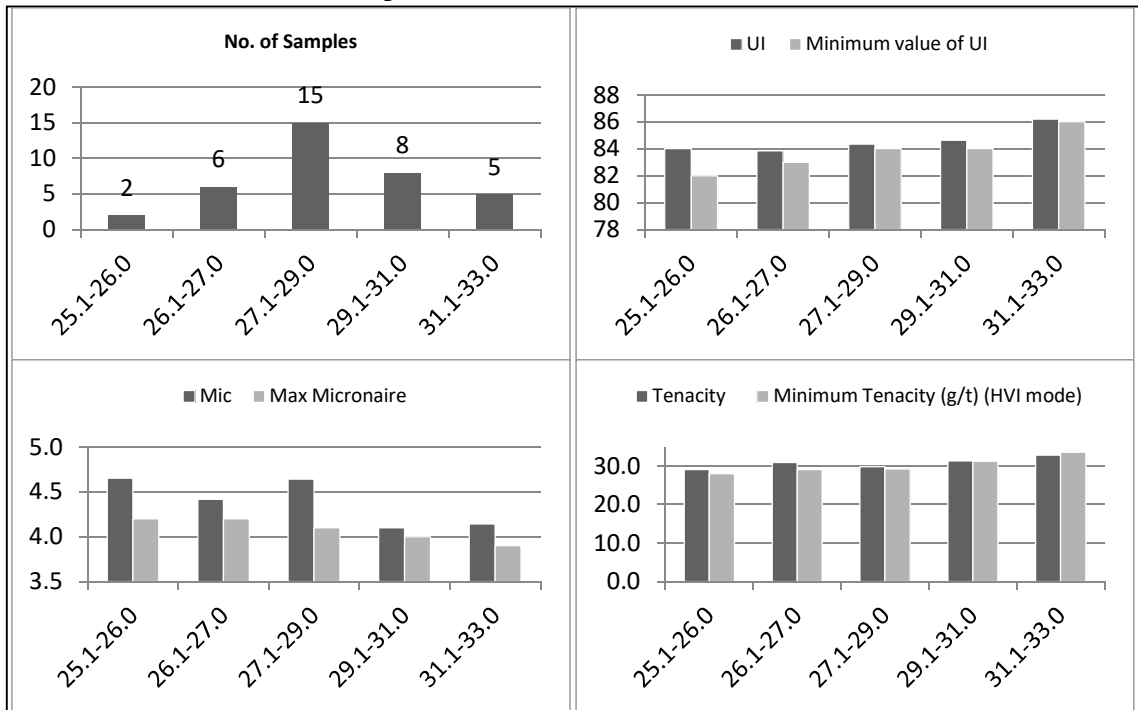


## Central Zone trials

### ❖ Br-03a trial

○ Observations

- Samples were having UHML from 26 mm to 33 mm.
- The UI of the samples under the trial were either better or at par with the minimum requirement.



- The Micronaire values were higher than optimum requirement and
- Tenacity was at par with minimum required.

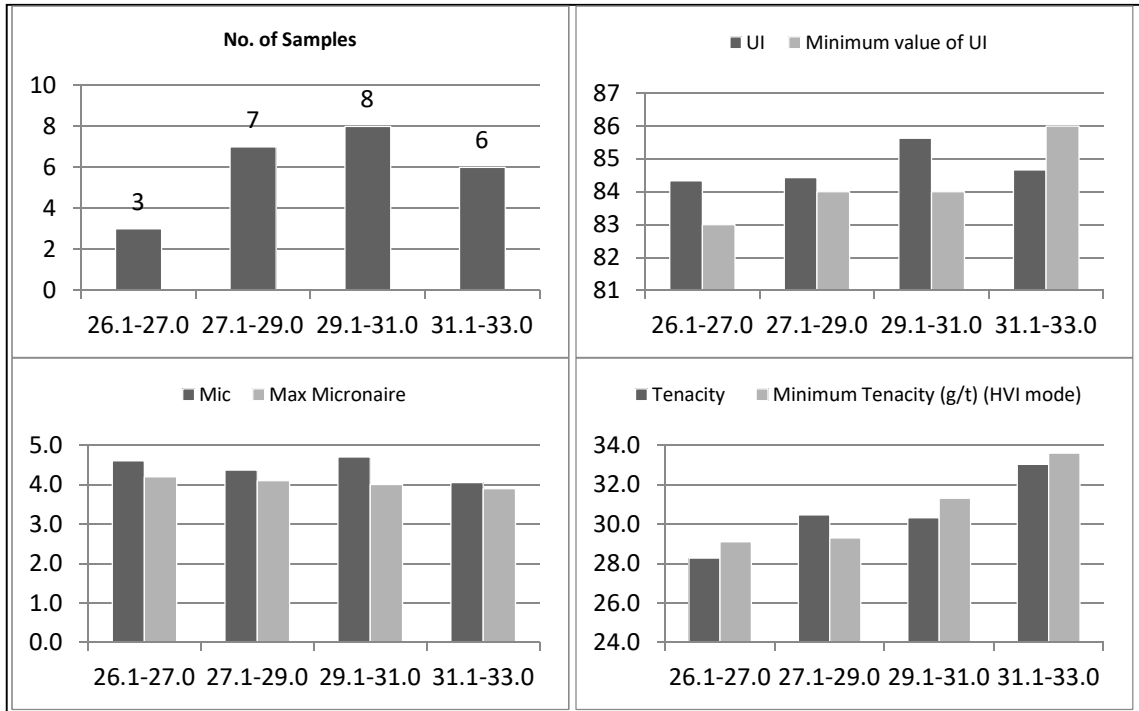
○ Recommendations

- CCH 15-1 (31.3 mm, 86 UI, 4.1 mic, 33.6 g/tex) is the best performing entry apart from the QC.

❖ **Br-04a trial**

○ Observations

- The samples were having UHML from 26 mm to 33 mm.
- The UI of the samples under the trial were either better compared to minimum requirement barring for the samples in UHML range of 31-33 mm.
- Micronaire values were marginally higher than optimum requirement and



tenacity values were marginally lower than the minimum required, as shown in charts above.

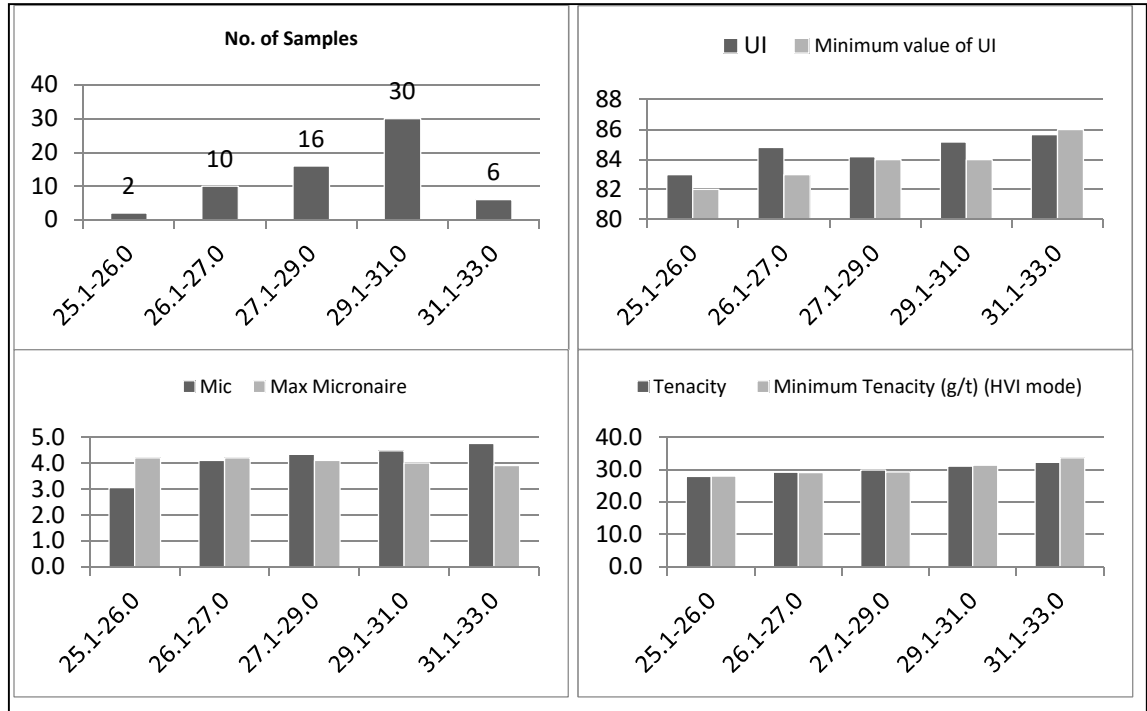
○ Recommendations

- The entry CCH 14-1 (31.3 mm, 84 UI, 4.0 mic, 30.9 g/tex) is the best performing entry apart from the QC.

❖ **Br-05a trial**

○ Observations

- The majority of the samples were having UHML from 26 mm to 31 mm.
- The UI of the samples across the UHML ranges were either better or at par compared to minimum requirement.



- The micronaire values marginally higher in the samples in the UHML range of 29-33 mm.
- The tenacity values were at par with the minimum requirement as shown below with the help of charts.

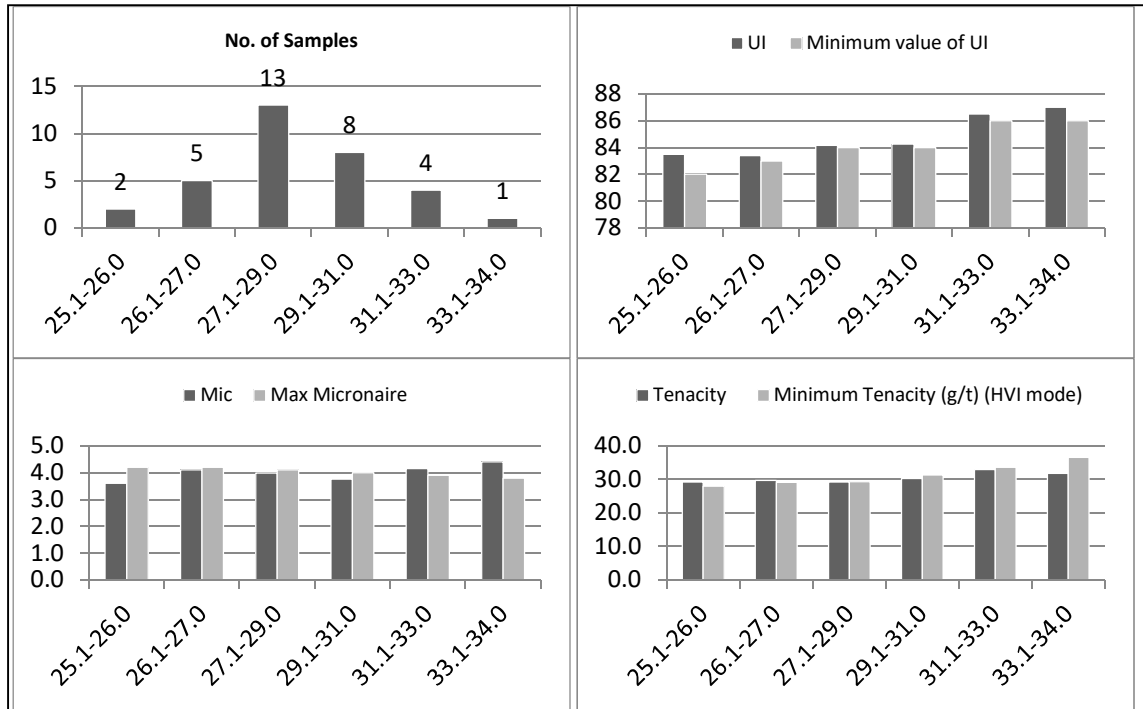
○ Recommendations

- Entries NCS 5657 (31.1 mm, 85 UI, 4.5 mic, 31.5 g/tex), MRC 7388 (30.4 mm, 85 UI, 4.5 mic, 31.7 g/tex) and ZC performed well.

❖ **Br-06a trial**

○ Observations

- The majority of the samples were having UHML from 26 mm to 31 mm.
- The UI of the samples across the UHML ranges were either better or at par compared to minimum requirement.
- The micronaire values were either better or at par with the maximum value required.



- The tenacity values were at par with the minimum requirement in most of the samples as shown above with the help of charts.

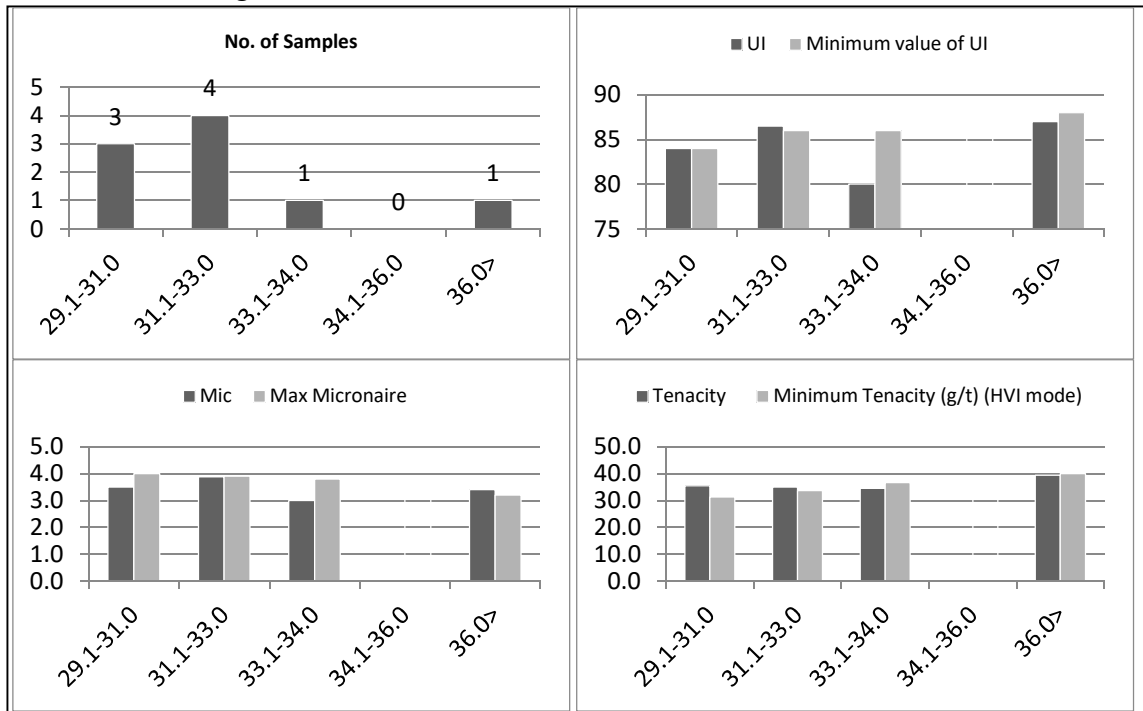
○ Recommendations

- Entries ANGC 1502 (32.0 mm, 85 UI, 4.0 mic, 32.2 g/tex) and CCH 15-5 (31.3 mm, 86 UI, 3.6 mic, 29.8 g/tex) performed well.

❖ **Br-13a PVT G. barbadense trial**

○ Observations

- The majority of the samples were having UHML from 29 mm to 33 mm.
- The UI of the samples across the UHML ranges were either better or at par compared to minimum requirement except for the samples in UHML range of 33-34 mm.



- The micronaire values were at par with maximum micronaire for the respective UHML group.
- The tenacity values were at par with the minimum requirement as shown below with the help of charts.

○ Recommendations

- The entry CCB 11a was submitted as a lone sample with very good fibre attributes (38.2 mm, 87 UI, 3.4 mic, 39.4 g/tex). The second rank was of ZC.

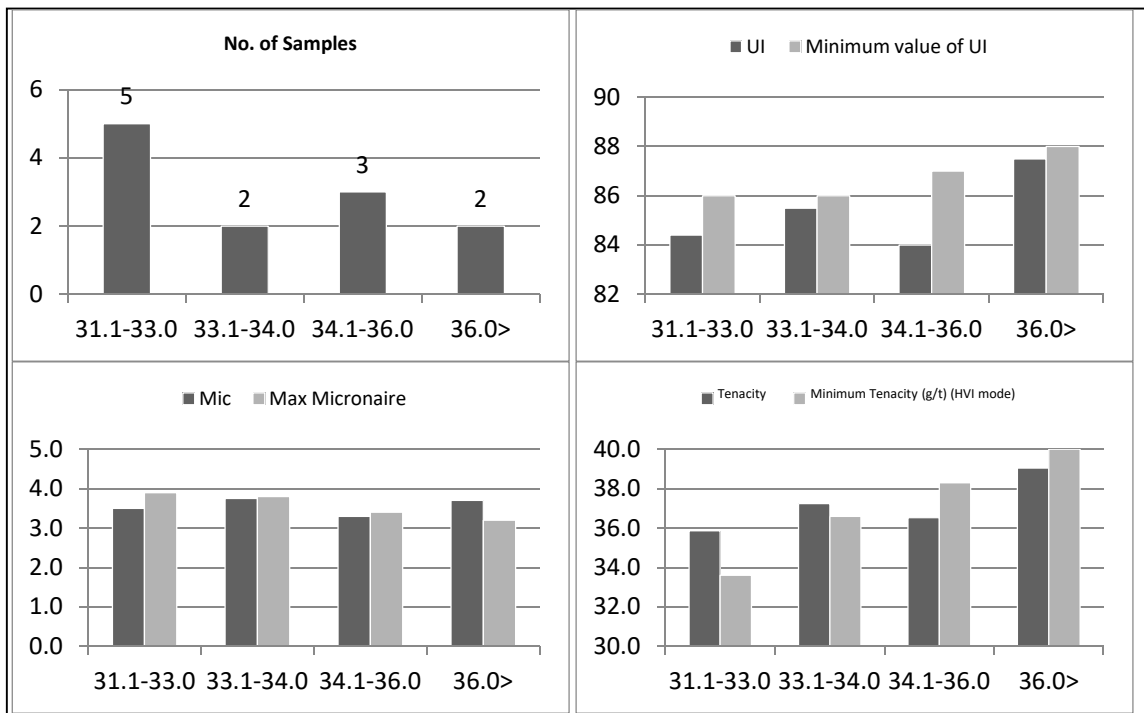
❖ **Br-14a CVT *G. barbadense* trial,**

○ Observations

- All samples were in UHML range of 31 mm to 36> mm.
- The UI of the samples across the UHML ranges were lower compared to minimum requirement.
- The micronaire values were at par with maximum micronaire for the respective UHML group.
- The tenacity values were lower than the minimum requirement for the samples in UHML range of 34-36>mm as shown below.

○ Recommendations

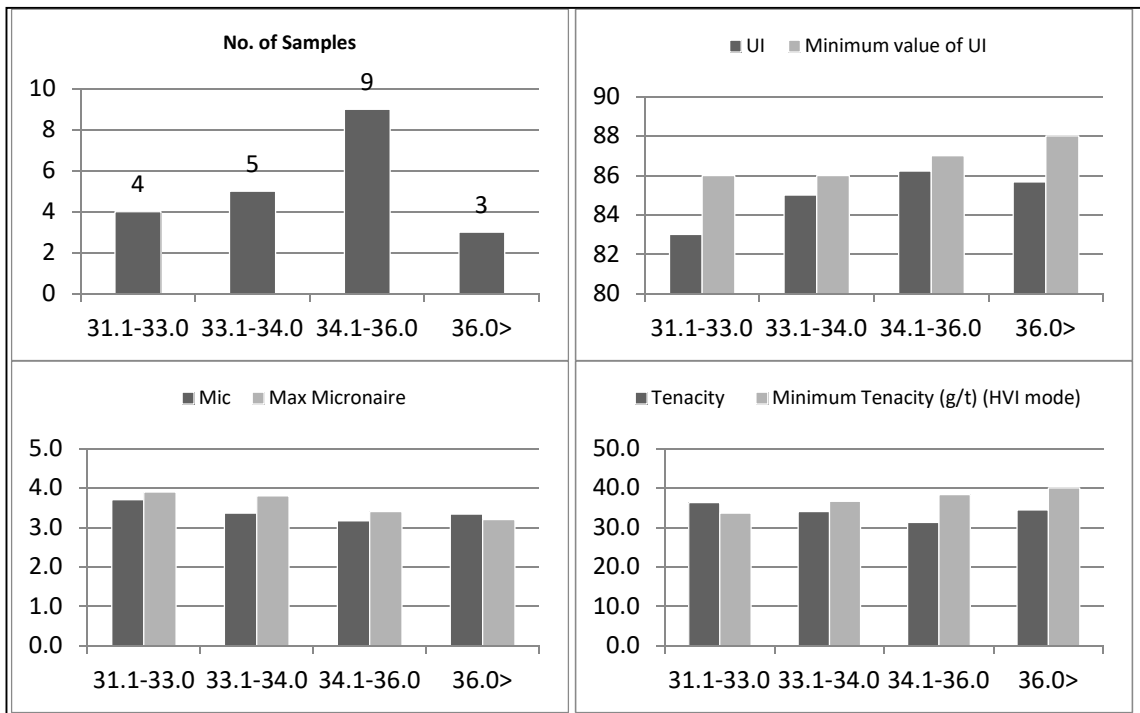
- The entry CCB 29 recorded very good fibre attributes (36.0 mm, 86 UI, 3.4 mic, 37.4 g/tex) apart from ZC.



❖ **Br-15a trial**

○ Observations

- All samples were in UHML range of 31 mm to 36> mm.
- The UI of the samples across the UHML ranges were lower compared to minimum requirement.
- The micronaire values were at par with maximum micronaire for the respective UHML group.



- The tenacity values were lower than the minimum requirement for the samples in UHML range of 34-36>mm as shown above.

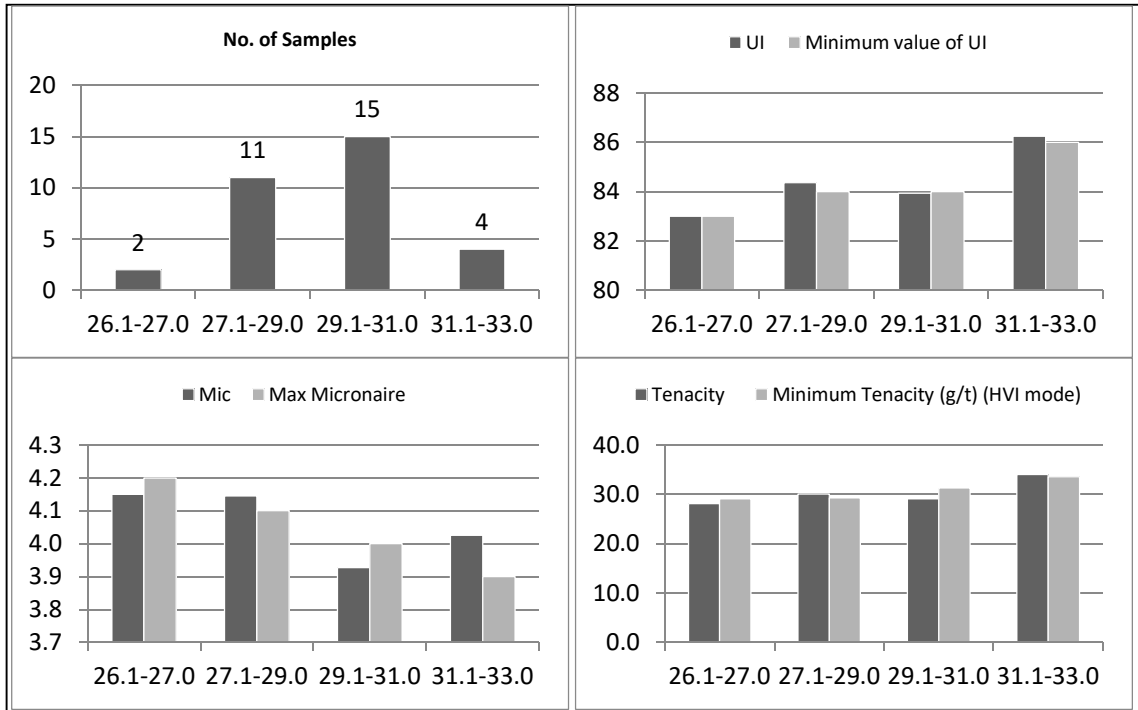
○ Recommendations

- The entry RHB 1123 recorded very good fibre attributes (35.6 mm, 86 UI, 3.3 mic, 33.7 g/tex).



❖ **Br-03b trial**

- Observations
  - Majority of the samples were in UHML range of 27 mm to 31 mm.
  - The UI of the samples across the UHML ranges was at par compared to minimum requirement.

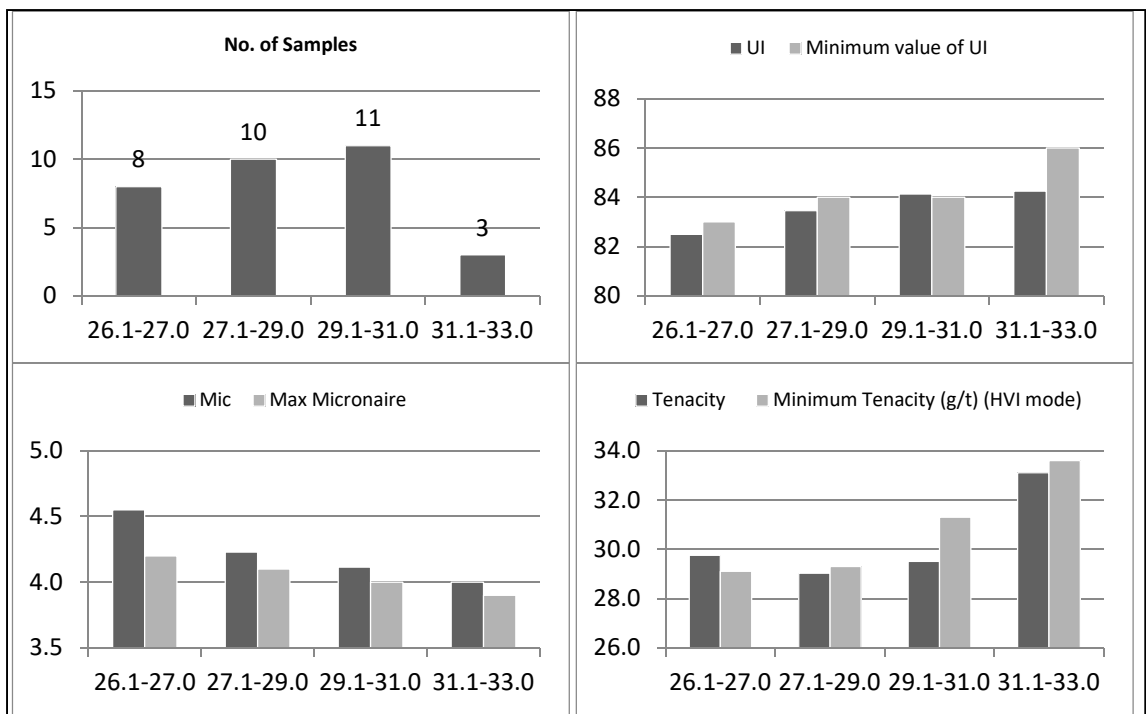


- The micronaire and tenacity values were at par with the requirement for the respective UHML groups.
- Recommendations
  - The entry Quality check (31.5 mm, 86 UI, 4.0 mic, 34.0 g/tex) performed well amongst the entries submitted.

❖ **Br-04b trial**

○ Observations

- Majority of the samples were in UHML range of 26 mm to 31 mm.
- The UI of the samples across the UHML ranges at par compared to minimum requirement.
- The micronaire values were higher than the requirement for the respective UHML groups.
- The tenacity values were observed to be lower compared to minimum requirement for samples with UHML range of 29-33 mm.

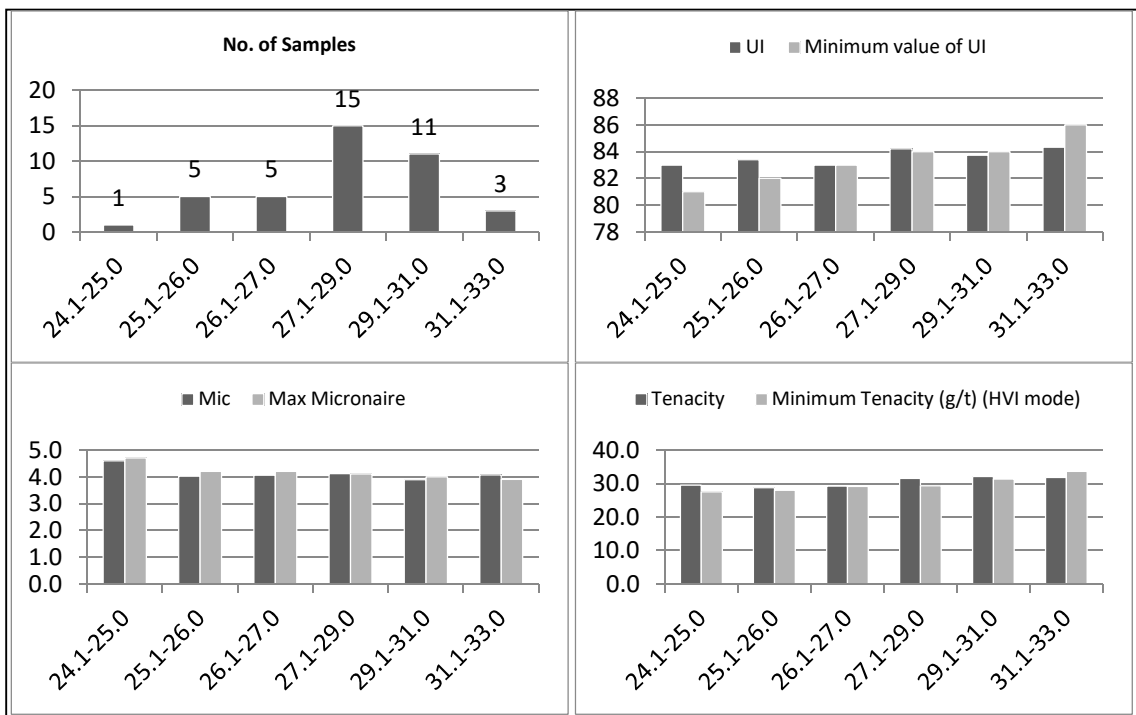


○ Recommendations

- The entries Quality check (30.5 mm, 85 UI, 4.0 mic, 31.0 g/tex) and SCS 1207 (30.0 mm, 84 UI, 3.9 mic, 29.9 g/tex) performed well amongst the entries submitted.

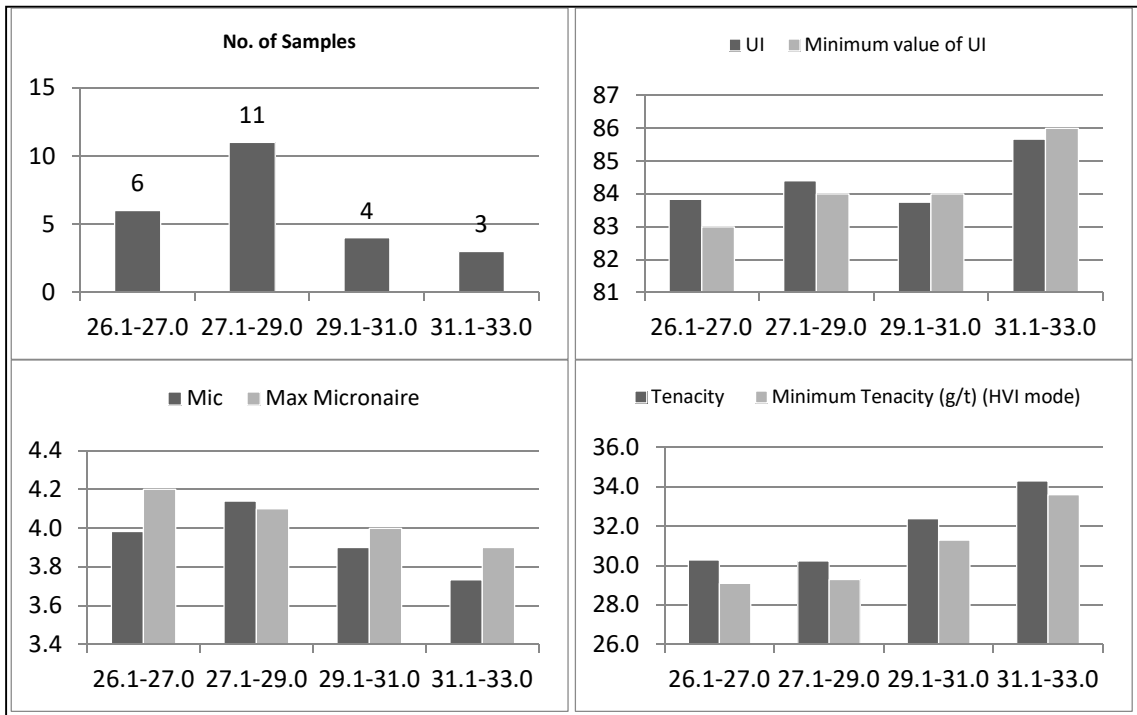
❖ **Br-05b trial**

- Observations
  - Majority of the samples were in UHML range of 25 mm to 31 mm.
  - The UI, micronaire and tenacity of the samples across the UHML ranges at par compared to minimum requirement.
- Recommendations
  - The entries NCS 5657 (31.0 mm, 84 UI, 4.3 mic, 31.6 g/tex) apart from ZC performed well.



❖ **Br-06b trial**

- Observations,
  - Majority of the samples were in UHML range of 26 mm to 29 mm.
  - The UI, micronaire and tenacity of the samples across the UHML ranges at par or better compared to minimum requirement.
- Recommendations
  - The entries ANGC 1452 (31.8 mm, 86 UI, 3.7 mic, 34.3 g/tex) and RAHC 1019 (30.8 mm, 83 UI, 4.7 mic, 29.8 g/tex) fared well from the quality attributes point of view.



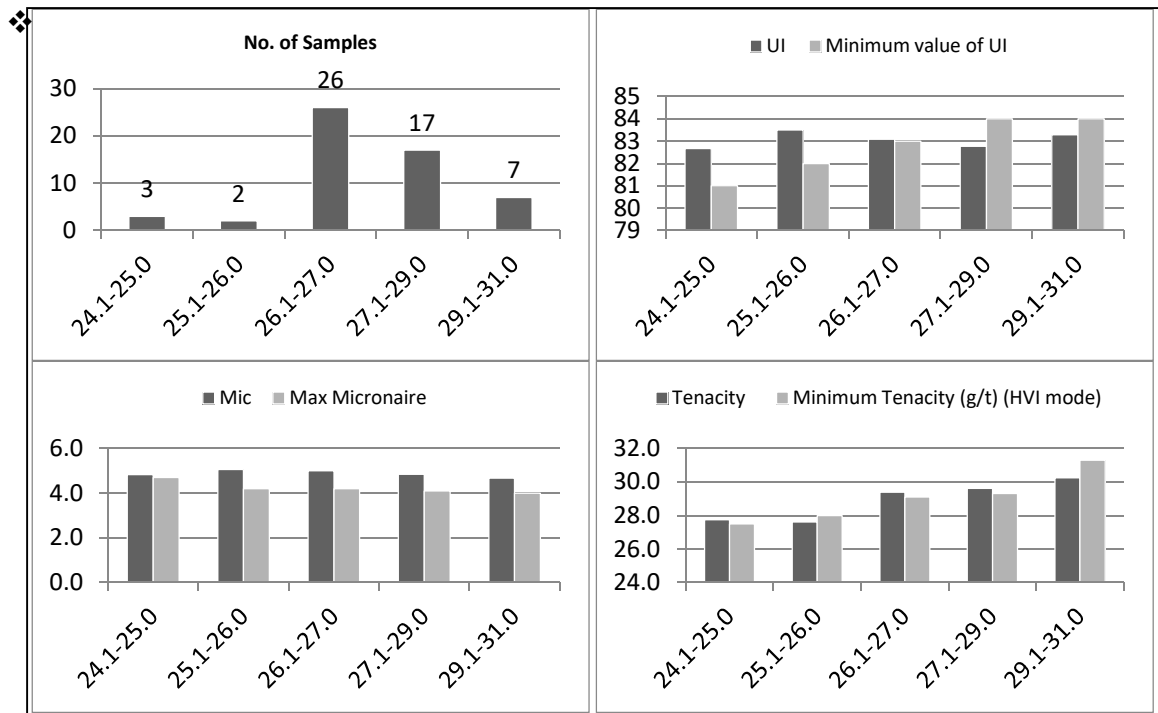
❖ **Br-24b trial**

○ Observations

- Majority of the samples were in UHML range of 26 mm to 31 mm.
- The UI and tenacity of the samples across the UHML ranges at par compared to minimum requirement.
- The micronaire values of the samples were marginally higher.

○ Recommendations

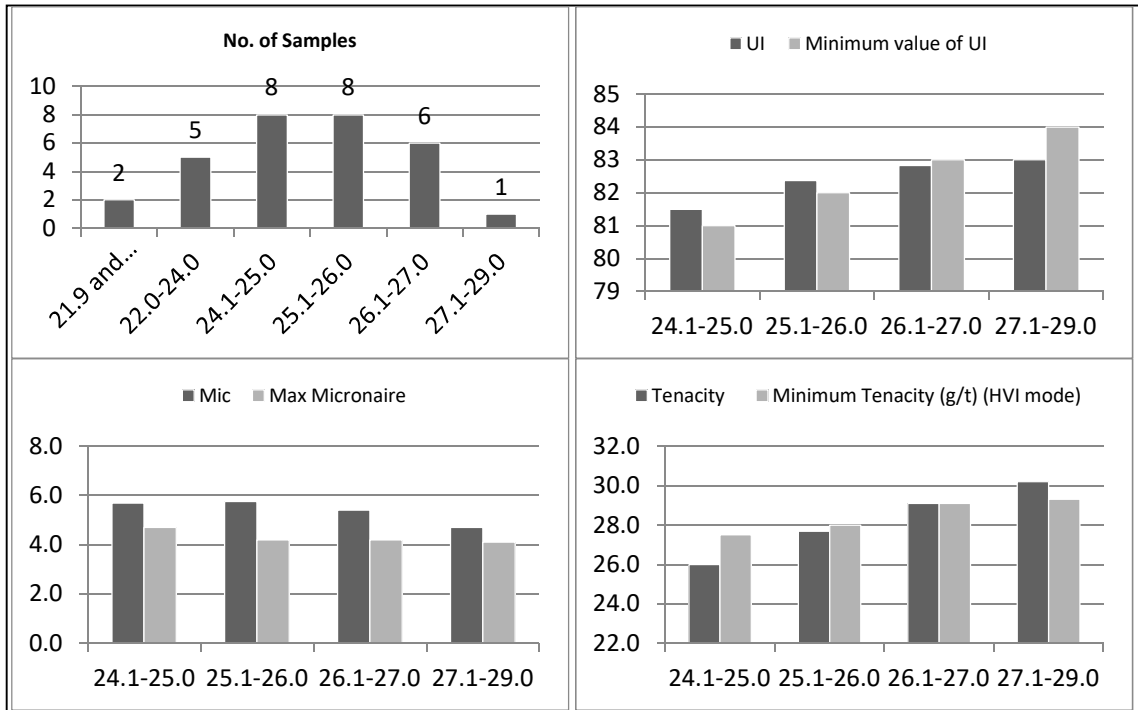
- The entries PA 812 (29.4 mm, 83 UI, 4.6 mic, 30.7 g/tex) performed well.



❖ **Br-25b trial**

○ Observations

- Majority of the samples were in UHML range of 22 mm to 27 mm.
- The UI and tenacity of the samples across the UHML ranges at par compared to minimum requirement.
- The micronaire values of the samples were higher than the maximum values for the respective UHML range.
- The Local check was best performer amongst the entries submitted.

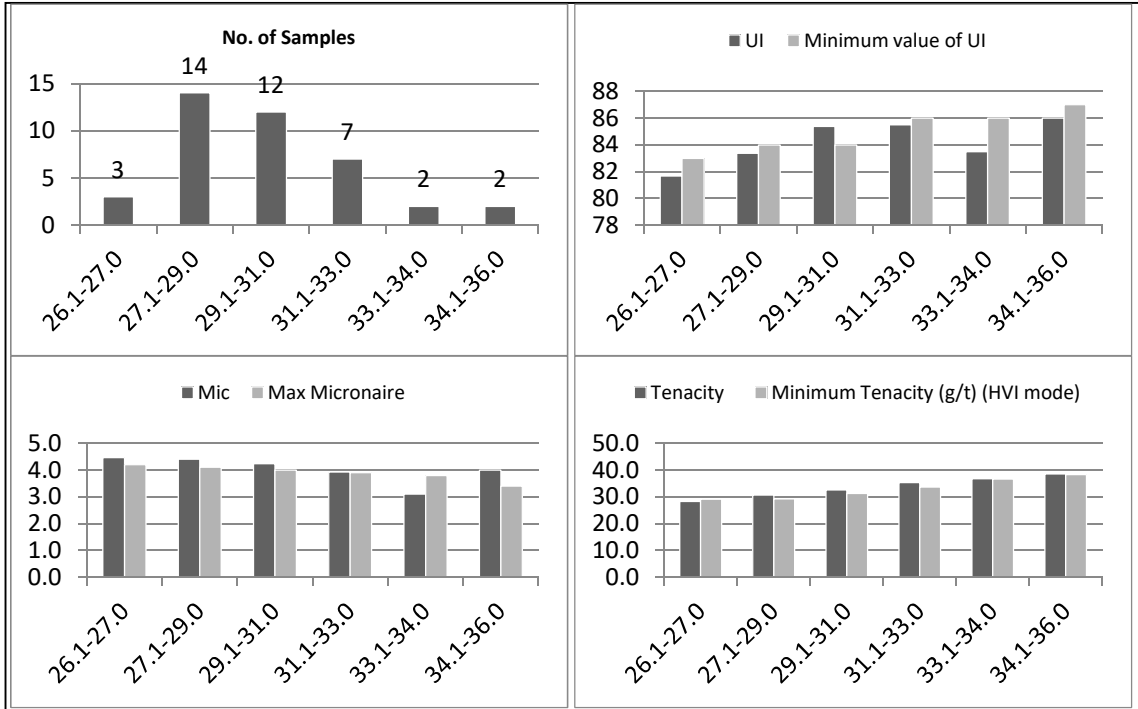


## South Zone trials

### ❖ Br-03a trial

#### ○ Observations

- Majority of the samples were in UHML range of 27 mm to 33 mm.
- The UI and tenacity of the samples across the UHML ranges at par compared to minimum requirement except for the samples in UHML range of 33-34 mm.



- The micronaire values of the samples were slightly higher than the maximum values for the respective UHML range.

#### ○ Recommendations

- The entries CCH 15-1 (32.9 mm, 86 UI, 3.7 mic, 37.5 g/tex) and TCH 1716 (31.6 mm, 86 UI, 3.7 mic, 37.5 g/tex) fared well from the quality attributes point of view.

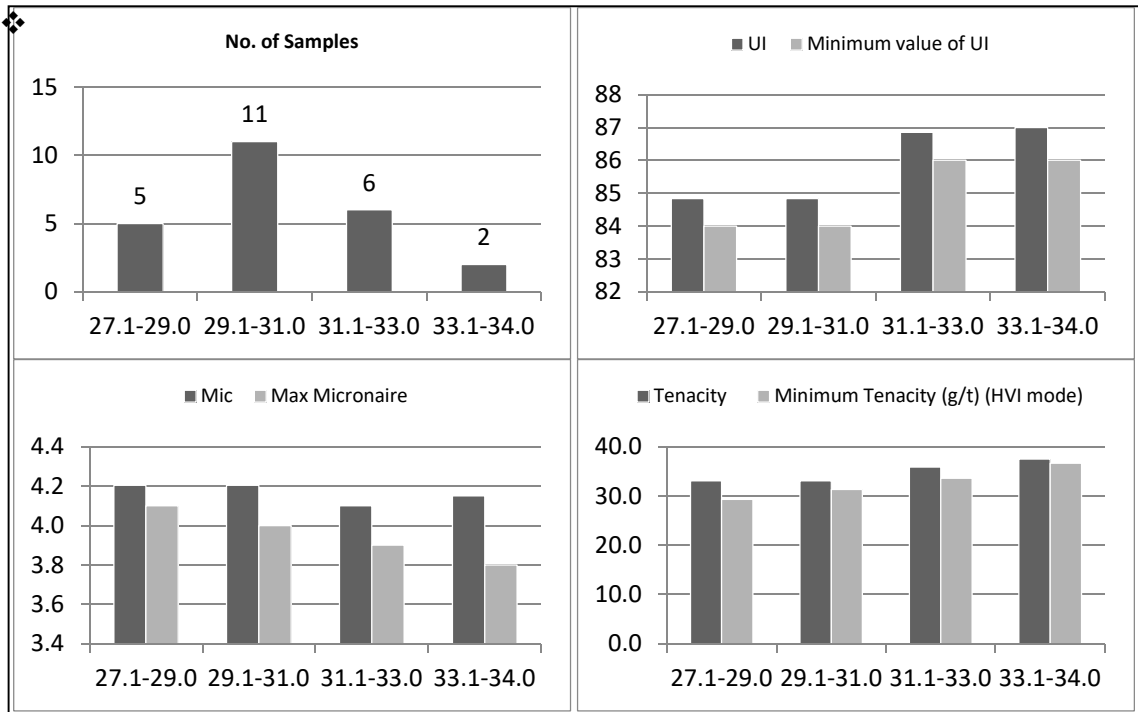
❖ **Br-04a trial**

○ Observations

- Majority of the samples were in UHML range of 27 mm to 33 mm.
- The UI and tenacity of the samples across the UHML ranges at par compared to minimum requirement.
- The micronaire values of the samples were higher than the maximum values for the respective UHML range.

○ Recommendations

- The entries CCH 14-1 (32.2 mm, 86 UI, 3.9 mic, 35.7 g/tex) and ZC fared well from the quality attributes point of view.





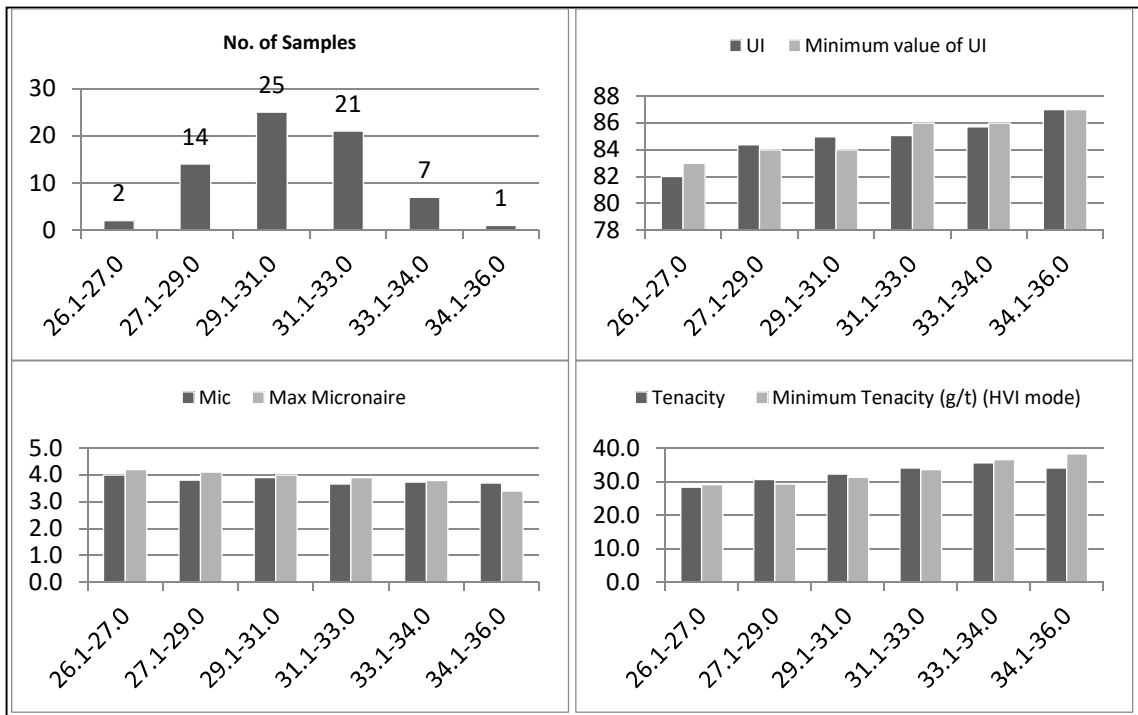
❖ **Br-05a trial**

○ Observations

- Majority of the samples were in UHML range of 27 mm to 33 mm.
- The UI, micronaire and tenacity of the samples across the UHML ranges were at par compared to optimum requirement.

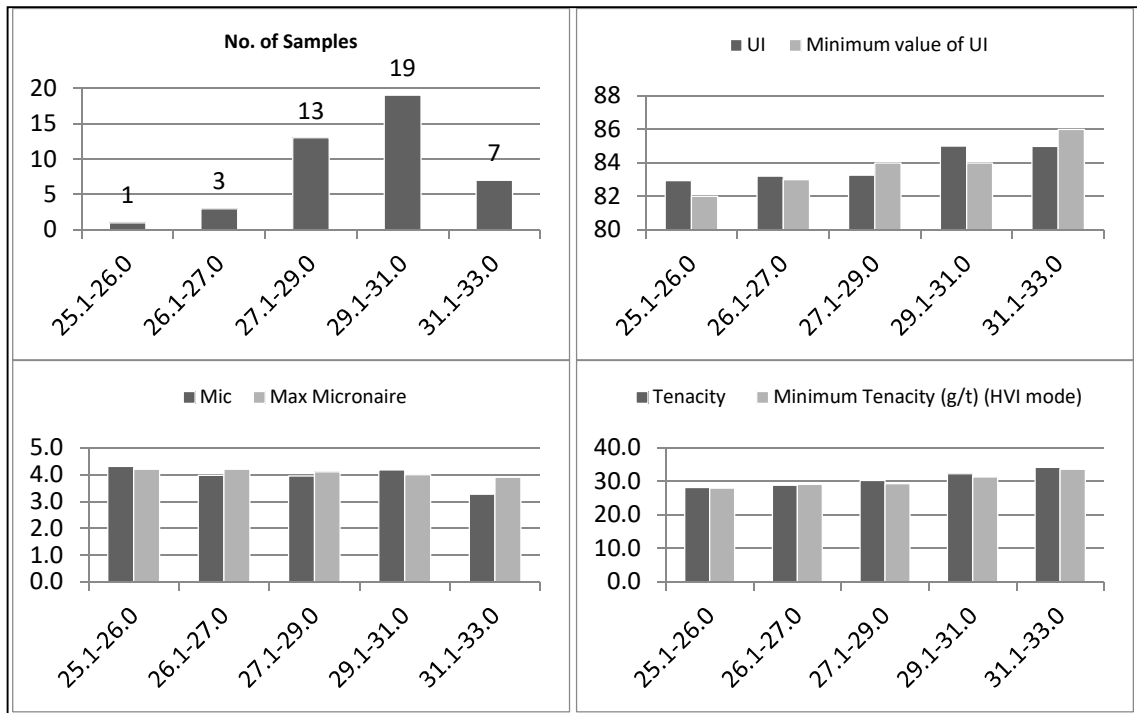
○ Recommendations

- The entries LAHH 26 (33.0 mm, 85 UI, 3.3 mic, 35.1 g/tex), LAHH 25 (33.2 mm, 86 UI, 3.6 mic, 35.0 g/tex) and NSC 5657 (33.1 mm, 86 UI, 4.1 mic, 35.5 g/tex) fared well from the quality attributes point of view.



❖ **Br-06a trials**

- Observations
  - Majority of the samples were in UHML range of 27 mm to 33 mm.
  - The UI, micronaire and tenacity of the samples across the UHML ranges were at par compared to optimum requirement.
- Recommendations
  - The entry RAHC 1017 (31.2 mm, 85 UI, 3.7 mic, 34.0 g/tex) fared well from the quality attributes point of view.



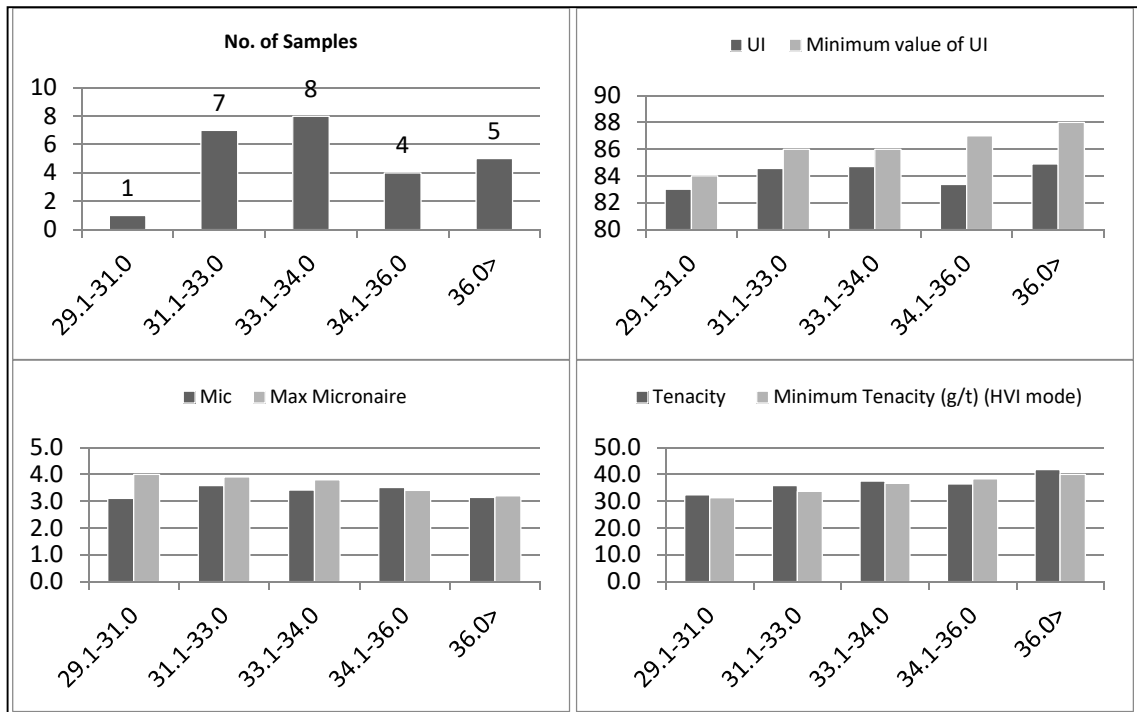
❖ **Br-13a trial**

○ Observations

- Majority of the samples were in UHML range of 31 mm to 36> mm.
- The micronaire and tenacity of the samples across the UHML ranges were at par compared to optimum requirement.
- The UI was lower across the UHML ranges compared to minimum requirements.

○ Recommendations

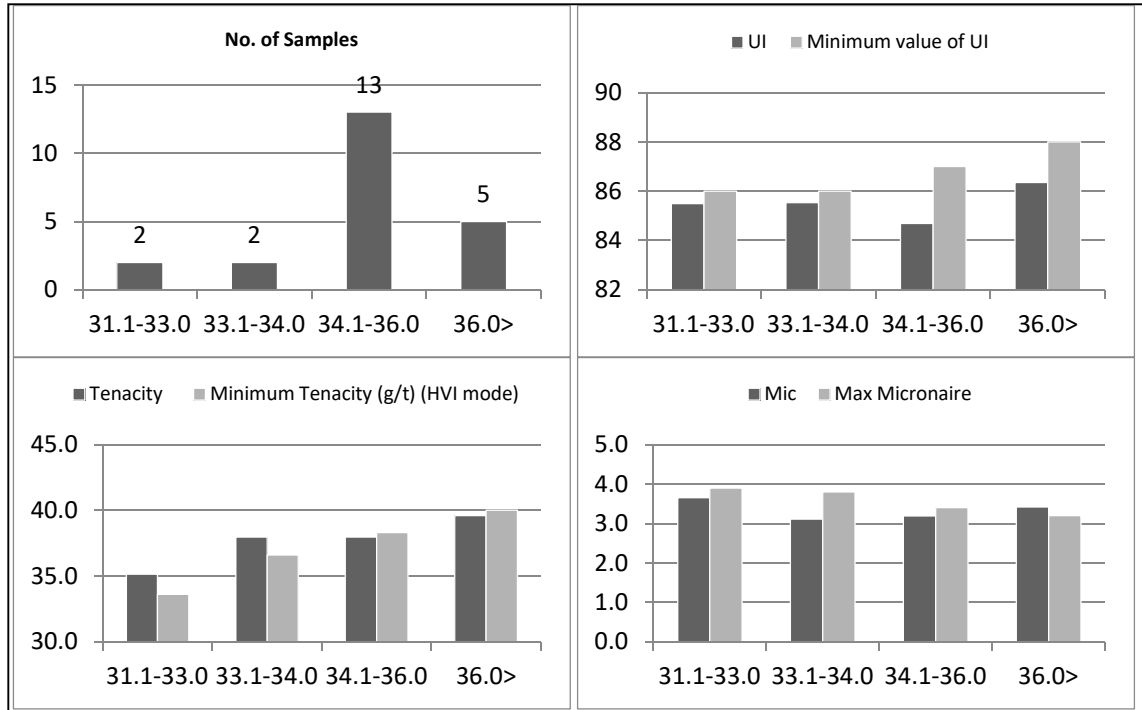
- The entry CCB 11a (38.9 mm, 88 UI, 3.1 mic, 45.6 g/tex) fared well from the quality attributes point of view.



❖ **Br-15a trial**

○ Observations

- Majority of the samples were in UHML range of 34 mm to 36> mm.
- The micronaire and tenacity of the samples across the UHML ranges were at par compared to optimum requirement.
- The UI of the samples was lower across the UHML ranges.



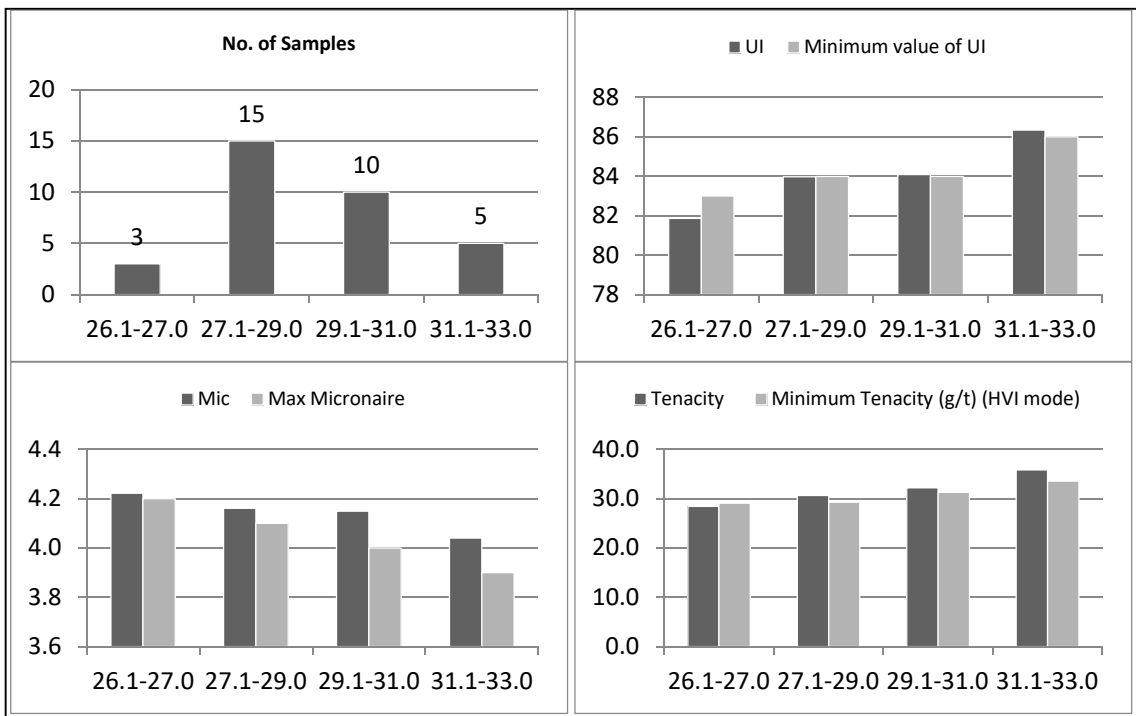
○ Recommendations

- The entries RHB 1243 (36.4 mm, 86 UI, 3.1 mic, 37.8 g/tex), RHB 1122 (36.3 mm, 86 UI, 3.3 mic, 38.0 g/tex) and DHB 1009 (36.0 mm, 85 UI, 3.3 mic, 39.1 g/tex) fared well from the quality attributes point of view.

❖ **Br-03b trial**

○ Observations

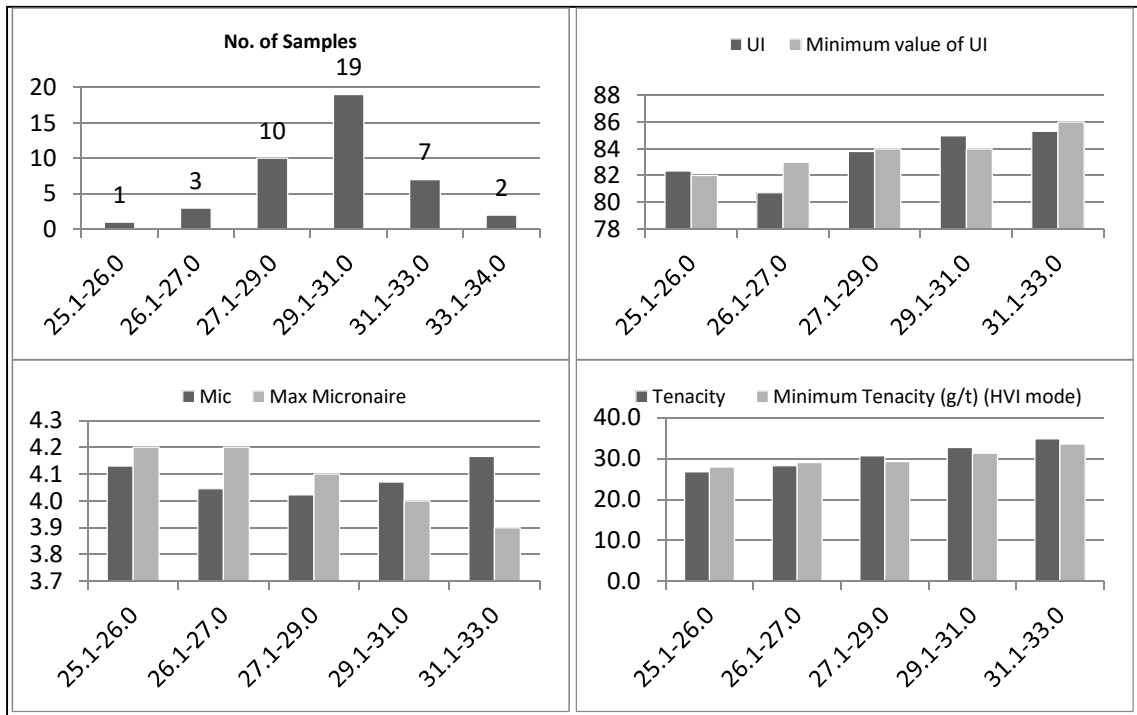
- Majority of the samples were in UHML range of 27 mm to 33 mm.
- The UI and tenacity of the samples across the UHML ranges were at par compared to optimum requirement.
- The micronaire of the samples was higher across the UHML ranges.
- The QC (32.3 mm, 86 UI, 4.1 mic, 36.5 g/tex) fared well from the quality attributes point of view.



❖ **Br-05b trial**

○ Observations

- Majority of the samples were in UHML range of 27 mm to 33 mm.
- The UI and tenacity of the samples across the UHML ranges were at par compared to optimum requirement.
- The micronaire of the samples was higher for the samples in 31-33 mm UHML range.



○ Recommendations

- The entries NCS 5657 (32.2 mm, 86 UI, 4.6 mic, 34.5 g/tex) fared well from the quality attributes point of view.

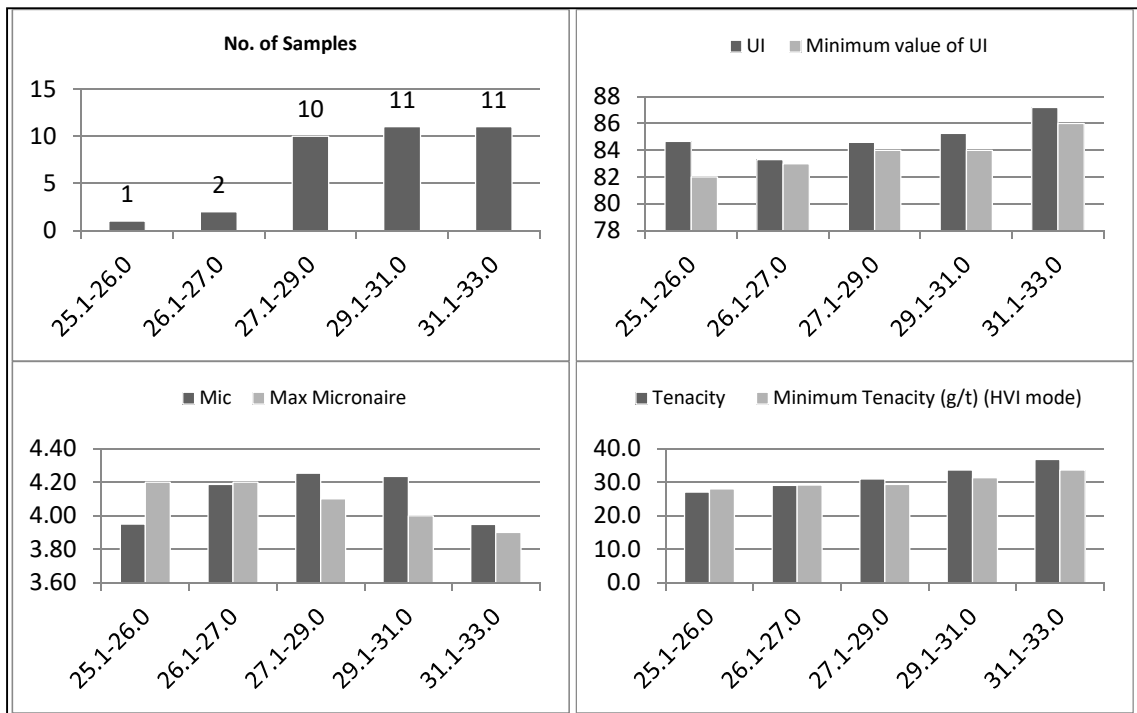
❖ **Br-06b trial**

○ Observations

- Majority of the samples were in UHML range of 27 mm to 33 mm.
- The UI and tenacity of the samples across the UHML ranges were at par compared to optimum requirement.
- The micronaire of the samples was higher for the samples in 27-33 mm UHML range.

○ Recommendations

- The entries ANGC 145 (32.0 mm, 85 UI, 4.2 mic, 35.4 g/tex) and ARBC 1551 (31.9 mm, 87 UI, 4.0 mic, 34.8 g/tex) fared well from the quality attributes point of view.



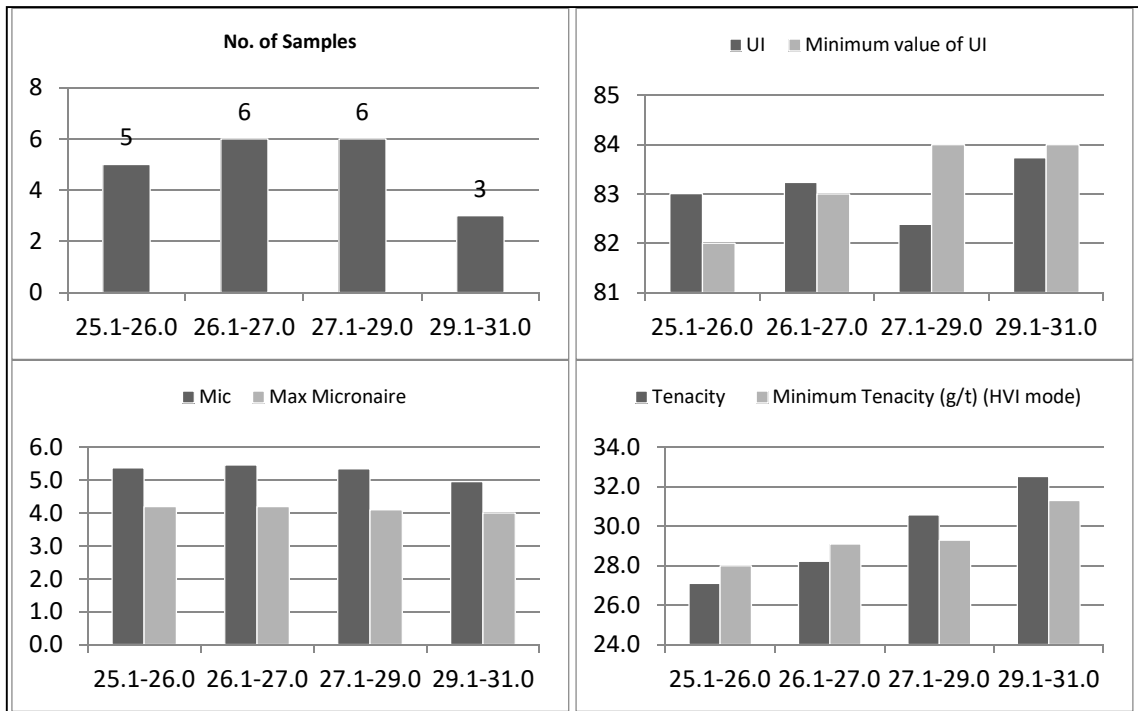
❖ **Br-24b trial**

○ Observations

- Majority of the samples were in UHML range of 25 mm to 29 mm.
- The UI and tenacity of the samples across the UHML ranges were at par compared to optimum requirement.
- The micronaire of the samples was higher across the UHML ranges.

○ Recommendations

- The entries PA812 (29.4 mm, 84 UI, 5.1 mic, 32.5 g/tex) and DWDa1502 (29.1 mm, 84 UI, 5.0 mic, 31.7 g/tex) fared well from the quality attributes point of view.

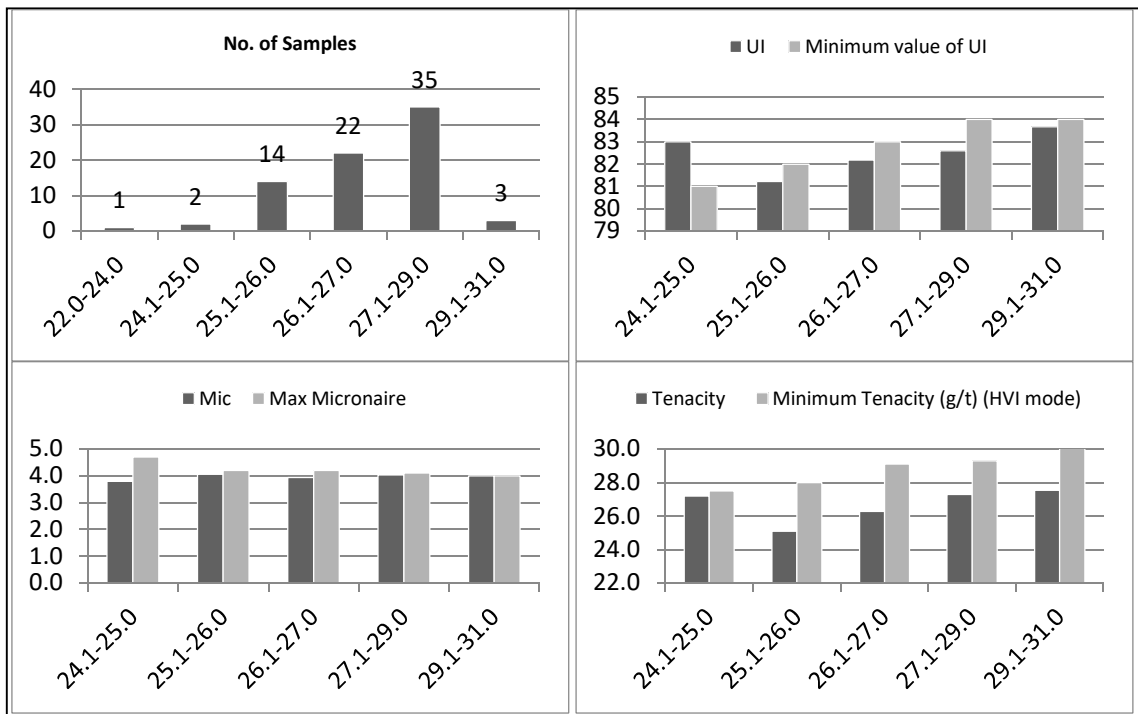




## Agron VII. Evaluation of Bt (hirsutum) genotypes under HDPS cultivation

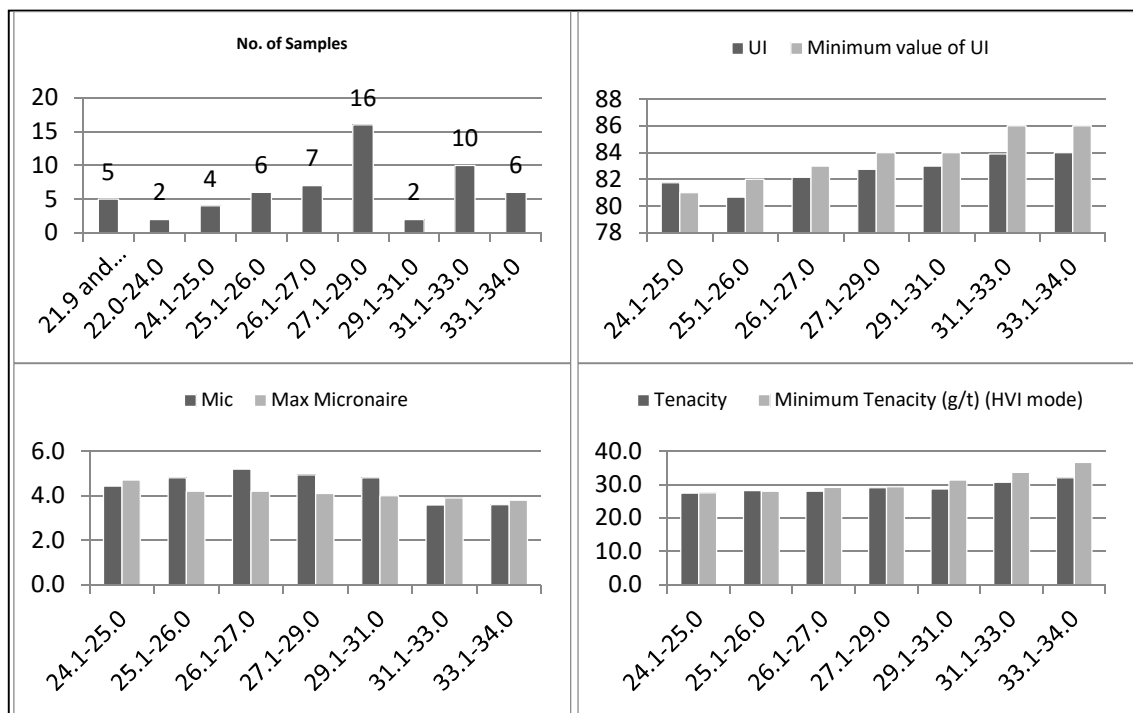
### ○ Observations

- Majority of the samples were in UHML range of 25 mm to 29 mm.
- The samples in the UHML range of 24-25 mm recorded optimum fibre attributes at par compared to requirement.
- The UI was lower in the samples in UHML range of 25-29 mm.
- The tenacity values were lower compared to minimum requirement across the UHML ranges
- The micronaire of the samples was within acceptable range across the UHML ranges.
- The code no. 201 (28.8 mm, 83 UI, 3.8 mic, 27.7 g/tex) and code no. 100 fared well from the quality attributes point of view.



## Agron VIII. Evaluation of Desi (arboreum) genotypes for multi location testing

- Observations
  - Samples compassed all the UHML ranges.
  - The tenacity and micronaire values of most of the samples were comparable with optimum requirement.
  - The UI of most the samples were lower compared to minimum requirement.
- Recommendations
  - The code no. 013 (31.0 mm, 84 UI, 4.1 mic, 31.0 g/tex), code no. 016 (29.9 mm, 84 UI, 3.6 mic, 28.9 g/tex) and code no. 004 (29.8 mm, 83 UI, 4.9 mic, 28.9 g/tex) fared well from the quality attributes point of view.



### 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 IA: Agronomic requirements of promising pre-release/ recently released *hirsutum/arboreum* genotypes/ hybrids of cotton**

Agronomy Trials North Zone (Irrigated) - Full Spinning Results												
Sr. No.	Sample No.	Entry	Location	UHML (mm)	UI	Mic	Str (g/tex)	E %	Count 1	CSP 1	Count 2	CSP 2
1.	170001	F2296	Faridkot	28.6	83	4.4	28.2	6.2	40	2040	50	1925
2.	170526		Hisar	27.7	83	4.1	27.2	6.2	20	2158	30	2018
3.	170002	Su Flum	Faridkot	27.2	84	4.0	27.2	6.6	30	2089	40	1938
4.	170527		Hisar	25.9	83	4.2	26.5	6.4	20	2080	30	1926
5.	170012	HHH 494	Bhatinda	26.2	81	4.3	27.6	5.7	30	2286	40	1943
6.	170524		Hisar	25.9	82	4.0	27.3	5.9	30	2202	40	1991
7.	170011	CSHH 2012	Bhatinda	26.9	82	4.3	27.6	5.7	30	2053	40	1925
8.	170525		Hisar	26.6	82	3.8	27.5	5.8	30	2123	40	1991

Agronomy Trials Central Zone (Irrigated) - Full Spinning Results												
Sr. No.	Sample No.	Entry	Location	UHML (mm)	UI	Mic	Str (g/tex)	E %	Count 1	CSP 1	Count 2	CSP 2
1.	170167	TCH 1777	Rahuri	28.3	83	3.8	28.4	5.8	40	2246	50	1955
2.	170363		Surat	29.2	84	4.0	24.4	6.1	40	2200	50	1981
3.	170168	BGDS 1063	Rahuri	28.2	86	4.9	29.1	5.9	40	2087	50	2035
4.	170364		Surat	29.2	85	4.8	27.5	5.7	30	2197	40	2019
5.	170365	CCH 12-2	Surat	27.6	84	4.5	25.8	6.0	20	2218	30	2118
6.	170169	GJHV 516	Rahuri	26.9	83	4.1	28.9	5.8	30	2168	40	1892
7.	170366		Surat	27.7	83	4.2	24.4	6.0	30	1947	40	1822
8.	170164	RHH 1007	Rahuri	27.9	87	4.7	28.5	5.9	40	2174	50	2122
9.	170367		Surat	29.1	82	4.1	25.3	5.9	Stickiness could not be spun			
10.	170165	RHH 1015	Rahuri	27.9	83	3.7	29.5	5.8	30	2523	40	2290
11.	170368		Surat	29.1	83	3.7	26.6	5.8	Stickiness could not be spun			
12.	170171	RHB 1014	Rahuri	35.8	85	3.5	35.2	6.1	60	2574	80	2380
13.	170370		Surat	34.6	83	3.7	31.3	5.9	Stickiness could not be spun			
14.	170369	GSB 43	Surat	32.8	85	3.1	32.8	5.9	Stickiness could not be spun			

Agronomy Trials Central Zone (Rainfed) - Full Spinning Results												
Sr. No.	Sample No.	Entry	Location	UHML (mm)	UI	Mic	Str (g/tex)	E %	Count 1	CSP 1	Count 2	CSP 2
1.	170013	GSHH	Akola	27.2	83	3.9	24.6	6.2	40	2187	50	2093
2.	170480	2595	Nanded	27.1	83	3.6	24.8	6.7	30	2333	40	2275
3.	170014	NHH	Akola	29.5	83	4.4	27.8	6.3	30	2061	40	1847
4.	170344	715	Nanded	26.8	81	4.0	23.7	6.0	30	2130	40	1939
5.	170015	NACH 433	Akola	22.3	77	7.4	22.7	6.9	Non spinnable fibres			
6.	170672		Nanded	20.0	76	6.8	23.0	6.2	Non spinnable fibres			
7.	170481	CCH	Nanded	25.6	81	4.2	25.1	6.3	30	2208	40	2000
8.	170008	12-3	Bhawanipatna	30.3	87	4.2	32.1	5.2	50	2530	60	2285
9.	170677	BGDS	Nanded	26.1	81	4.1	25.4	-	20	2358	30	2101
10.	170009	1063	Bhawanipatna	29.6	86	5.2	30.5	5.4	40	2144	50	2046

Agronomy Trials South Zone (Irrigated) - Full Spinning Results												
Sr. No.	Sample No.	Entry	Location	UHML (mm)	UI	Mic	Str (g/tex)	E %	Count 1	CSP 1	Count 2	CSP 2
1.	170673	HS 292	Coimbatore	27.0	82	4.1	26.4	6.3	20	2200	30	1886
2.	170345		Lam	27.0	83	4.5	28.3	6.6	20	2430	30	1978
3.	170674	TSH	Coimbatore	28.0	82	3.8	25.7	6.5	30	2075	40	1894
4.	170346	04/115	Lam	29.0	84	3.7	27.6	5.8	40	2237	50	1991
5.	170676	GSB 44	Coimbatore	32.0	82	3.3	33.4	5.8	60	2295	80	2007
6.	170488		Raichur	33.2	86	3.4	32.3	6.2	60	2658	80	2324
7.	170675	CCH 12-2	Coimbatore	27.6	84	4.0	28.1	6.2	30	2189	40	2004
8.	170347		Lam	29.0	83	3.8	28.0	5.8	40	2358	50	2229
9.	170348	BGDHH 821	Lam	30.7	85	3.4	31.4	5.1	60	2390	80	2069
10.	170485		Raichur	28.8	86	4.3	28.6	6.2	60	2079	80	2650
11.	170682		Coimbatore	28.4	86	4.3	29.0	6.7	30	2300	40	2034
12.	170349	RHH 1007	Lam	29.0	86	4.6	31.6	5.0	50	2192	60	2070
13.	170483		Raichur	28.5	86	4.6	30.3	6.0	50	2321	60	2095
14.	170678		Coimbatore	27.8	82	4.7	28.3	5.6	30	2245	40	2055

Agronomy Trials South Zone (Irrigated) - Full Spinning Results												
Sr. No.	Sample No.	Entry	Location	UHML (mm)	UI	Mic	Str (g/tex)	E %	Count 1	CSP 1	Count 2	CSP 2
15.	170350	SHH 818	Lam	27.9	86	5.0	32.6	4.8	40	2242	50	2107
16.	170683		Coimbatore	28.7	86	4.7	28.3	5.6	40	1991	50	1891
17.	170482		Raichur	28.0	86	4.7	30.3	5.7	50	2318	60	2132
18.	170679	RHB 1014	Coimbatore	36.9	88	3.3	36.2	5.7	60	2623	80	2271
19.	170487		Raichur	35.1	88	3.6	37.8	5.9	80	2531	120	1881

Agronomy Trials South Zone (Rainfed) - Full Spinning Results												
Sr. No.	Sample No.	Entry	Location	UHML (mm)	UI	Mic	Str (g/tex)	E %	Count 1	CSP 1	Count 2	CSP 2
1.	170003	IH-11	Dharwad	27.3	83	3.9	28.3	6.3	40	2314	50	2010
2.	170018		Nandyal	26.1	82	4.2	25.3	5.7	30	2254	40	1924
3.	170004	NHH 715	Dharwad	30.4	86	3.9	27.3	6.4	40	2298	50	2008
4.	170019		Nandyal	28.0	83	4.3	24.9	5.9	30	2219	40	1833
5.	170005	JLA 0603	Dharwad	25.9	81	5.3	27.6	6.8	20	2042	30	1892
6.	170022		Nandyal	26.4	81	4.9	26.6	6.1	20	2055	30	1679
7.	170373		Mudhol	28.4	83	4.6	27.2	6.6	40	2136	50	2085
8.	170006	PA 740	Dharwad	27.6	84	4.6	29.9	6.7	40	2091	50	1773
9.	170021		Nandyal	27.9	83	4.3	26.7	6.0	40	1944	50	1726

#### Agron 1B: Evaluation of compact culture under HDPS with different nutrient levels

Sr. No.	Sample No.	Entry	Location	UHML (mm)	UI	Mic	Str (g/tex)	E %	Count 1	CSP 1	Count 2	CSP 2
1.	170528	RS 2718	Hisar	25.6	80	4.3	26.5	6.2	20	2103	30	1973
2.	170529	H 1465	Hisar	27.5	83	4.3	23.5	6.2	20	2162	30	2046
3.	170371	ARBC	Surat	27.2	82	4.1	24.9	6.3	Stickiness could not be spun			
4.	170173	1301	Rahuri	26.3	84	4.5	27.2	5.8	30	2011	40	1860
5.	170016	DSC 1352	Akola	30.9	85	4.4	27.0	5.8	40	2350	50	2100
6.	170010		Bhawanipatna	32.2	87	4.8	33.3	5.0	60	2316	80	2085
7.	170372		Nanded	30.0	84	3.6	27.2	6.7	30	2469	40	2303
8.	170490	ARBC	Raichur	26.7	83	4.4	27.9	6.6	50	2195	60	2081

Sr. No.	Sample No.	Entry	Location	UHML (mm)	UI	Mic	Str (g/tex)	E %	Count 1	CSP 1	Count 2	CSP 2
9.	170351	1301	Lam	27.5	85	4.5	30.1	5.5	30	2334	40	2147
10.	170616		Srivilliputtur	25.4	82	3.7	26.7	6.5	40	2153	50	1907
11.	170680		Coimbatore	26.4	82	4.2	28.0	6.1	30	2198	40	1949
12.	170491	DSC 1302	Raichur	30.7	87	4.3	30.9	5.7	60	2254	80	1895
13.	170352		Lam	30.7	86	3.8	32.9	5.0	60	2278	80	1900
14.	170617		Srivilliputtur	29.4	85	3.3	30.8	5.8	60	2466	80	2348
15.	170681		Coimbatore	31.0	84	4.1	30.6	5.7	50	2232	60	1869
16.	170020	SCS	Nandyal	28.4	82	3.9	25.5	6.3	50	1868	60	1583
17.	170007	1206	Dharwad	30.4	86	3.5	27.5	6.3	50	2187	60	2123

#### Agron VII. Evaluation of Bt (*hirsutum*) genotypes under HDPS cultivation

Sr. No.	Code No.	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
1	201	NAU, Surat	29.2	83.0	4.0	30.5	--
2		MAU, Nanded	29.1	84.0	3.6	24.1	--
3		MPKV, Rahuri	28.7	84.0	3.8	29.2	5.7
4		ANGARU, Nandyal	28.0	81.0	3.7	26.8	5.8
5	202	NAU, Surat	27.3	83.0	4.7	29.7	--
6		MAU, Nanded	27.5	84.0	4.0	24.5	--
7		MPKV, Rahuri	28.2	82.0	4.2	26.5	6.7
8		ANGARU, Nandyal	27.7	81.0	3.7	25.5	5.8
9	203	NAU, Surat	28.7	83.0	4.1	31.5	--
10		MAU, Nanded	26.7	83.0	4.0	25.0	--
11		MPKV, Rahuri	26.8	82.0	3.9	26.5	6.5
12		ANGARU, Nandyal	27.4	81.0	3.9	27.1	5.7
13	204	NAU, Surat	29.0	82.0	4.2	31.1	--
14		MAU, Nanded	28.4	83.0	3.8	24.5	--
15		MPKV, Rahuri	28.4	83.0	3.8	26.3	6.8
16		ANGARU, Nandyal	28.9	81.0	3.8	27.4	5.8
17	205	NAU, Surat	27.4	83.0	4.1	30.7	--
18		MAU, Nanded	26.9	81.0	3.6	23.8	--
19		MPKV, Rahuri	26.5	82.0	4.0	24.4	6.3
20		ANGARU, Nandyal	26.9	81.0	3.8	27.8	5.7
21	206	NAU, Surat	26.1	83.0	4.7	28.9	--
22		MAU, Nanded	26.0	81.0	4.2	23.0	--
23		MPKV, Rahuri	25.8	80.0	4.3	26.0	6.9
24		ANGARU, Nandyal	23.9	80.0	4.4	24.2	5.7

<b>Sr. No.</b>	<b>Code No.</b>	<b>Location</b>	<b>UHML (mm)</b>	<b>UI</b>	<b>Mic</b>	<b>Str (g/tex)</b>	<b>E%</b>
25	207	NAU, Surat	26.4	85.0	4.5	29.5	--
26		MAU, Nanded	28.8	83.0	3.7	24.2	--
27		MPKV, Rahuri	28.3	84.0	4.3	26.2	6.3
28		ANGARU, Nandyal	26.0	81.0	4.0	27.6	5.8
29	208	NAU, Surat	27.4	84.0	3.9	31.3	--
30		MAU, Nanded	27.3	81.0	3.6	24.9	--
31		MPKV, Rahuri	25.9	80.0	3.8	25.9	6.4
32		ANGARU, Nandyal	27.7	83.0	3.8	26.9	5.8
33	209	NAU, Surat	27.0	84.0	4.4	31.6	--
34		MAU, Nanded	27.1	82.0	3.7	24.7	--
35		MPKV, Rahuri	25.7	81.0	4.1	26.2	6.4
36		ANGARU, Nandyal	25.8	81.0	3.7	26.2	5.8
37	210	NAU, Surat	28.4	83.0	4.1	32.5	--
38		MAU, Nanded	26.3	82.0	3.9	24.3	--
39		MPKV, Rahuri	26.8	81.0	3.9	25.9	6.3
40		ANGARU, Nandyal	25.9	81.0	3.7	26.9	5.8
41	211	NAU, Surat	27.2	85.0	4.6	30.4	--
42		MAU, Nanded	25.7	82.0	4.0	24.0	--
43		MPKV, Rahuri	26.7	82.0	4.4	25.3	6.3
44		ANGARU, Nandyal	26.6	82.0	3.5	27.4	5.8
45	212	NAU, Surat	27.4	84.0	3.7	33.0	--
46		MAU, Nanded	26.0	82.0	3.8	25.0	--
47		MPKV, Rahuri	26.6	82.0	4.1	26.1	7.0
48		ANGARU, Nandyal	24.6	83.0	4.2	27.5	5.8
49	213	NAU, Surat	25.5	83.0	4.9	28.3	--
50		MAU, Nanded	25.0	81.0	3.5	22.2	--
51		MPKV, Rahuri	26.4	82.0	4.1	23.9	6.0
52		ANGARU, Nandyal	25.0	83.0	3.4	26.9	5.7
53	214	MAU, Nanded	26.5	81.0	4.3	23.3	--
54		MPKV, Rahuri	27.1	80.0	3.9	26.2	7.0
55		ANGARU, Nandyal	25.9	82.0	4.4	23.4	5.5
56	215	MAU, Nanded	26.9	82.0	4.2	25.6	--
57		MPKV, Rahuri	28.2	83.0	4.8	27.6	6.4
58		ANGARU, Nandyal	26.7	81.0	3.2	24.8	6.0
59	216	MAU, Nanded	27.3	82.0	3.5	23.8	--
60		MPKV, Rahuri	27.4	82.0	3.8	26.4	6.2
61		ANGARU, Nandyal	28.7	82.0	4.9	26.4	5.5
62	217	MAU, Nanded	25.5	82.0	4.5	23.3	--
63		MPKV, Rahuri	26.3	82.0	3.8	27.2	6.2
64		ANGARU, Nandyal	26.7	82.0	3.2	26.1	6.4

Sr. No.	Code No.	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
65	218	NAU, Surat	26.6	84.0	3.8	28.8	--
66		MAU, Nanded	25.9	80.0	3.9	23.2	--
67		MPKV, Rahuri	26.5	81.0	4.0	25.6	5.9
68	219	NAU, Surat	27.3	83.0	5.6	29.7	--
69		MAU, Nanded	28.2	83.0	4.6	23.0	--
70		MPKV, Rahuri	27.7	83.0	5.7	25.1	5.4
71	220	NAU, Surat	27.7	83.0	3.5	28.4	--
72		MAU, Nanded	27.2	82.0	3.0	22.4	--
73		MPKV, Rahuri	26.6	83.0	3.4	26.2	6.9
74	100	NAU, Surat	28.4	83.0	4.1	30.6	--
75		MAU, Nanded	27.2	83.0	3.6	24.8	--
76		MPKV, Rahuri	27.9	82.0	3.1	25.6	6.3
77		ANGARU, Nandyal	30.8	84.0	4.4	28.0	5.9

#### Agron VIII. Evaluation of Desi (arboreum) genotypes for multi location testing

Sr. No.	Code No.	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
1	001	PDKV, Akola	31.8	83	3.7	30.0	4.5
2		MPKV, Rahuri	26.8	81	4.8	26.8	6.6
3		PJTSAU, Mudhol	27.7	83	5.6	30.0	6.3
4		ANGARU, Nandyal	25.1	82	4.5	26.9	5.7
5	002	PDKV, Akola	32.6	84	3.7	31.2	6.4
6		MPKV, Rahuri	27.7	82	5.1	28.6	5.6
7		PJTSAU, Mudhol	27.8	84	5.2	31.2	6.2
8		ANGARU, Nandyal	25.5	82	4.5	27.0	5.7
9	003	PDKV, Akola	32.5	84	3.8	31.5	6.4
10		MPKV, Rahuri	25.3	80	5.3	29.3	5.8
11		PJTSAU, Mudhol	27.3	83	5.8	29.8	6.2
12		ANGARU, Nandyal	24.0	82	4.7	25.0	5.6
13	004	PDKV, Akola	32.3	84	3.5	30.1	6.5
14		MPKV, Rahuri	29.6	83	4.5	26.5	5.8
15		PJTSAU, Mudhol	30.0	83	5.1	30.8	6.2
16		ANGARU, Nandyal	27.4	83	4.8	28.4	5.8
17	005	PDKV, Akola	33.2	84	3.6	32.4	6.5
18		MPKV, Rahuri	27.1	80	5.2	28.1	6.2
19		PJTSAU, Mudhol	26.8	83	5.8	29.3	6.3
20		ANGARU, Nandyal	27.5	83	4.8	28.3	5.8
21	006	PDKV, Akola	32.9	84	3.6	31.7	6.3
22		MPKV, Rahuri	25.3	80	5.8	29.3	6.0
23		PJTSAU, Mudhol	26.2	83	6.2	29.2	6.3
24		ANGARU, Nandyal	28.4	83	4.4	28.6	5.8



Sr. No.	Code No.	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
25	007	PDKV, Akola	33.6	84	3.5	31.7	6.3
26		MPKV, Rahuri	19.7	73	6.0	22.7	6.6
27		PJTSAU, Mudhol	21.9	75	6.7	22.7	7.7
28		ANGARU, Nandyal	27.3	83	4.6	29.4	5.8
29		PDKV, Akola	27.5	81	4.5	26.7	5.6
30	008	MPKV, Rahuri	20.2	75	6.6	21.4	6.2
31		PJTSAU, Mudhol	23.4	74	6.7	22.0	7.0
32		ANGARU, Nandyal	28.0	84	4.6	28.8	5.8
33	009	PDKV, Akola	32.3	84	3.7	29.9	6.2
34		MPKV, Rahuri	20.0	71	7.3	21.1	6.3
35		PJTSAU, Mudhol	19.4	73	6.7	20.1	8.6
36		ANGARU, Nandyal	27.6	82	4.7	27.7	5.7
37	010	PDKV, Akola	33.2	84	3.3	31.9	6.4
38		MPKV, Rahuri	25.1	78	5.2	29.7	6.2
39		PJTSAU, Mudhol	24.6	83	6.0	29.5	6.3
40		ANGARU, Nandyal	24.4	81	3.9	26.8	5.7
41	011	PDKV, Akola	33.0	84	3.5	30.8	6.2
42		MPKV, Rahuri	27.9	83	5.3	29.8	5.3
43		PJTSAU, Mudhol	27.0	83	5.9	30.2	6.3
44		ANGARU, Nandyal	25.0	81	3.6	27.4	5.7
45	012	PDKV, Akola	31.8	83	3.1	31.3	6.1
46		MPKV, Rahuri	26.6	81	5.2	25.7	5.7
47		PJTSAU, Mudhol	28.4	83	5.3	29.7	6.3
48		ANGARU, Nandyal	25.0	82	4.2	25.8	5.7
49	013	PDKV, Akola	33.9	84	3.5	32.2	6.3
50		PJTSAU, Mudhol	28.6	85	4.3	31.1	6.2
51		ANGARU, Nandyal	28.4	82	4.6	28.1	5.8
52	014	PDKV, Akola	33.2	84	4.2	32.6	6.3
53		ANGARU, Nandyal	26.9	83	4.2	28.1	5.7
54	015	PDKV, Akola	32.1	84	3.5	31.2	6.5
55		ANGARU, Nandyal	26.6	81	4.2	26.4	5.7
56	016	PDKV, Akola	33.2	84	3.5	31.2	6.3
57		ANGARU, Nandyal	31.3	85	3.7	28.5	5.7
58	100	MPKV, Rahuri	25.3	82	3.5	26.9	6.1

## Fibre Quality Data National Trials

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

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Tenacity (g/tex)	E%
1	601	PBH 47	Central	Banswara	25.6	82.0	3.0	25.4	5.4
2				Bhavanipatna	27.0	81.0	4.1	30.3	5.5
3				Junagadh	26.6	82.0	4.6	27.9	4.8
4				Rahuri	28.6	83.0	4.2	28.2	5.8
5				Surat	30.5	83.0	4.6	27.0	6.1
6				Talod	28.8	82.0	4.6	28.3	5.5
7			North	Bhatinda	25.1	81.0	4.3	28.8	4.9
8				Faridkot	29.3	84.0	5.1	32.8	4.9
9				Kanpur	27.7	81.0	4.5	29.7	6.1
10				Sriganganagar	26.9	80.0	4.7	28.3	4.8
11			South	B Gudi	27.7	83.0	4.3	30.8	5.2
12				Coimbatore	26.6	81.0	4.9	27.6	5.9
13				Lam	27.7	81.0	4.1	29.0	5.9
14				Raichur	29.1	83.0	4.6	30.8	5.6
15				Srivilliputhur	28.3	85.0	3.6	31.5	5.8
16	602	WGCV 79	Central	Banswara	27.8	86.0	3.2	25.0	5.3
17				Bhavanipatna	28.2	86.0	4.8	29.2	5.5
18				Junagadh	29.9	85.0	4.5	30.0	5.4
19				Rahuri	30.3	85.0	4.0	30.4	6.3
20				Surat	30.1	83.0	5.0	28.3	6.4
21				Talod	27.9	81.0	4.3	29.3	5.6
22			North	Bhatinda	27.4	83.0	4.4	29.0	4.5
23				Faridkot	30.4	83.0	5.0	32.3	5.0
24				Kanpur	29.5	82.0	5.0	29.0	6.2
25				Sriganganagar	27.5	82.0	4.7	29.7	5.4
26			South	B Gudi	29.4	86.0	4.5	30.8	4.9
27				Coimbatore	28.9	82.0	4.6	28.3	5.8
28				Lam	29.2	82.0	3.8	28.8	6.2
29				Raichur	31.5	87.0	4.6	31.2	5.7
30				Srivilliputhur	27.9	85.0	3.3	31.7	6.4
31	603	H 1489	Central	Banswara	25.1	81.0	3.4	25.4	4.8
32				Bhavanipatna	26.9	83.0	4.1	27.9	4.7
33				Junagadh	27.9	85.0	4.7	27.4	4.4
34				Rahuri	27.3	81.0	4.0	27.4	5.2
35				Surat	28.1	82.0	5.1	28.0	5.7
36				Talod	25.6	80.0	4.6	27.2	5.1

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Tenacity (g/tex)	E%		
37			North	Bhatinda	25.8	84.0	4.4	29.0	4.6		
38				Faridkot	27.5	83.0	5.3	28.7	4.5		
39				Kanpur	26.8	80.0	4.6	28.6	6.0		
40				Sriganganagar	25.8	81.0	4.4	25.6	4.3		
41			South	B Gudi	26.4	83.0	4.3	25.6	4.9		
42				Coimbatore	26.1	80.0	4.5	27.6	5.6		
43				Lam	27.1	81.0	3.5	28.7	5.9		
44				Raichur	29.4	85.0	3.8	31.6	5.3		
45				Srivilliputhur	28.8	83.0	3.3	29.8	5.3		
46				604	AR 9108	Central	Banswara	27.2	84.0	3.2	27.2
47	Bhavanipatna	27.6	83.0				4.1	27.1	5.6		
48	Junagadh	27.1	85.0				4.8	28.3	5.1		
49	Rahuri	28.4	84.0				3.8	27.7	6.0		
50	Surat	28.5	82.0				4.3	28.9	5.9		
51	Talod	27.3	81.0				4.1	28.4	5.4		
52	North	Bhatinda	26.4				83.0	4.0	27.9	5.2	
53		Faridkot	28.1			83.0	4.6	31.5	5.6		
54		Kanpur	28.7			81.0	4.1	31.0	6.1		
55		Sriganganagar	26.9			82.0	4.5	26.9	4.9		
56	South	B Gudi	26.6			83.0	3.9	27.3	5.4		
57		Coimbatore	26.3			80.0	4.3	26.8	5.5		
58		Lam	27.1			81.0	3.1	29.2	5.9		
59		Raichur	30.2			86.0	4.2	32.8	6.4		
60		Srivilliputhur	27.0			83.0	3.1	27.5	6.1		
61	605	ZC	Central			Banswara	25.9	82.0	3.2	24.8	4.8
62						Bhavanipatna	28.9	84.0	4.6	28.5	4.7
63						Junagadh	28.2	82.0	4.7	27.7	4.7
64						Rahuri	28.5	84.0	4.5	25.2	4.8
65						Surat	28.4	82.0	5.0	27.5	5.6
66				Talod	27.2	81.0	4.7	28.8	5.4		
67				North	Bhatinda	30.7	84.0	4.3	29.4	5.3	
68			Faridkot		29.8	85.0	5.0	31.1	5.3		
69			Kanpur		30.6	82.0	4.5	28.0	5.9		
70			Sriganganagar		27.7	84.0	5.1	27.5	5.1		
71			South	B Gudi	31.3	88.0	4.5	31.9	5.5		
72				Coimbatore	31.9	83.0	4.1	27.9	5.6		
73				Lam	32.2	83.3	3.7	31.0	6.4		
74				Raichur	32.8	89.0	4.6	32.8	5.9		
75				Srivilliputhur	32.2	88.0	3.4	33.3	5.7		

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Tenacity (g/tex)	E%
76	606	F 2462	Central	Banswara	26.5	79.0	3.6	24.8	4.9
77				Bhavanipatna	27.8	83.0	3.8	29.4	5.2
78				Junagadh	28.1	84.0	5.2	28.1	4.2
79				Rahuri	28.9	82.0	3.9	29.3	6.0
80				Surat	29.6	82.0	4.3	26.4	6.0
81				Talod	27.4	81.0	5.1	28.2	5.6
82			North	Bhatinda	27.3	83.0	4.6	28.0	4.5
83				Faridkot	28.4	83.0	4.9	31.9	4.9
84				Kanpur	30.3	82.0	4.4	28.5	6.1
85				Sriganganagar	26.6	82.0	4.8	28.6	4.7
86			South	B Gudi	28.0	85.0	4.0	28.2	5.5
87				Coimbatore	30.9	83.0	4.5	26.7	5.7
88				Lam	27.8	81.3	3.7	29.9	6.0
89				Raichur	29.4	86.0	4.6	32.3	5.6
90				Srivilliputhur	27.9	85.0	3.6	28.6	5.6
91	607	L 799	Central	Banswara	27.8	82.0	3.4	23.8	4.4
92				Bhavanipatna	29.5	84.0	4.6	27.7	4.7
93				Junagadh	30.5	84.0	4.4	29.0	4.5
94				Rahuri	29.7	84.0	4.2	28.4	4.8
95				Surat	29.3	82.0	4.9	27.1	5.9
96				Talod	26.9	80.0	4.6	27.7	5.1
97			North	Bhatinda	30.9	84.0	4.2	30.1	4.9
98				Faridkot	28.0	79.0	3.8	28.1	4.9
99				Kanpur	27.8	81.0	3.9	29.7	5.9
100				Sriganganagar	26.6	82.0	4.5	27.9	4.5
101			South	B Gudi	26.6	84.0	4.2	28.5	4.5
102				Coimbatore	29.2	82.0	4.2	25.9	5.5
103				Lam	29.0	82.0	3.5	28.3	5.7
104				Raichur	31.2	84.0	4.6	31.2	5.8
105				Srivilliputhur	27.5	82.0	3.3	29.6	5.0
106	608	TSH 327	Central	Banswara	25.6	82.0	3.3	23.0	5.0
107				Bhavanipatna	27.9	85.0	4.6	27.4	4.4
108				Junagadh	27.8	85.0	4.6	28.0	4.7
109				Rahuri	29.7	84.0	4.2	28.4	4.8
110				Surat	27.6	81.0	4.8	28.8	6.0
111				Talod	27.4	81.0	4.8	28.4	5.2
112			North	Bhatinda	26.3	81.0	5.1	26.9	4.4
113				Faridkot	26.4	83.0	4.1	27.4	4.7
114				Kanpur	27.9	81.0	4.1	29.1	5.8
115				Sriganganagar	24.2	82.0	4.9	26.3	4.0

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Tenacity (g/tex)	E%
116			South	B Gudi	26.3	84.0	4.4	26.7	4.5
117		Coimbatore		29.1	82.0	3.5	26.3	5.6	
118		Lam		26.9	81.3	4.1	28.7	5.8	
119		Raichur		28.2	83.0	4.3	30.2	5.4	
120		Srivilliputhur		26.5	82.0	3.9	28.0	4.4	
121	609	BS 1	Central	Banswara	29.9	84.0	3.0	25.1	5.0
122				Bhavanipatna	32.0	88.0	4.0	29.0	5.8
123				Junagadh	32.0	85.0	4.3	28.2	5.0
124				Rahuri	32.4	84.0	3.7	32.8	6.8
125				Surat	34.3	85.0	4.5	31.5	6.2
126				Talod	32.2	83.0	3.9	30.7	5.8
127			North	Bhatinda	33.1	87.0	3.8	32.7	5.6
128				Faridkot	33.6	85.0	3.6	32.6	5.2
129				Kanpur	29.1	82.0	4.1	29.1	6.3
130			Sriganganagar	30.8	84.0	3.8	30.5	5.4	
131			South	B Gudi	31.4	86.0	3.8	27.2	5.9
132				Coimbatore	30.7	83.0	3.5	30.9	5.9
133				Lam	31.5	83.0	3.2	31.6	6.1
134				Raichur	33.8	88.0	3.9	32.4	6.5
135				Srivilliputhur	32.3	85.0	2.8	32.3	6.0
136	610	RAH 1071	Central	Banswara	26.6	82.0	3.2	25.2	4.9
137				Bhavanipatna	28.8	81.0	4.7	28.6	4.9
138				Junagadh	27.6	86.0	5.3	28.8	5.0
139				Rahuri	27.7	81.0	4.6	27.9	5.8
140				Surat	28.2	82.0	5.0	28.3	5.8
141				Talod	25.8	80.0	4.7	27.3	5.5
142			North	Bhatinda	26.8	84.0	5.3	28.8	5.0
143				Faridkot	26.3	82.0	5.7	29.8	4.8
144				Kanpur	27.1	80.0	4.8	28.1	6.1
145				Sriganganagar	23.4	79.0	4.6	26.6	5.0
146			South	B Gudi	27.5	84.0	4.7	29.2	5.3
147				Coimbatore	31.4	83.0	5.0	27.1	5.8
148				Lam	26.9	81.0	4.4	28.0	5.8
149				Raichur	27.4	84.0	5.0	31.5	6.2
150				Srivilliputhur	26.5	84.0	5.5	30.6	5.5
151	611	RHC 1217	Central	Banswara	25.6	81.0	3.0	25.2	5.0
152				Bhavanipatna	29.0	84.0	4.7	29.0	5.3
153				Junagadh	26.4	84.0	5.2	27.4	4.3
154				Rahuri	26.8	81.0	4.8	28.0	6.1
155				Surat	27.3	81.0	5.2	28.3	6.1
156				Talod	26.1	80.0	5.0	27.5	5.3

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Tenacity (g/tex)	E%		
157			North	Bhatinda	27.7	83.0	4.9	29.6	4.7		
158				Faridkot	27.2	83.0	5.2	31.7	4.5		
159				Kanpur	27.4	81.0	4.8	28.9	5.8		
160				Sriganganagar	24.7	82.0	5.6	28.3	4.6		
161			South	B Gudi	26.5	82.0	4.6	29.0	5.0		
162				Coimbatore	25.5	80.0	5.1	26.5	5.6		
163				Lam	26.5	80.7	4.5	28.5	6.0		
164				Raichur	27.4	82.0	4.7	31.4	6.2		
165				Srivilliputhur	27.0	83.0	5.0	31.8	5.4		
166			612	CSH 3269	Central	Banswara	26.6	83.0	3.8	25.1	4.7
167						Bhavanipatna	30.0	82.0	4.7	29.3	5.4
168						Junagadh	28.4	86.0	4.4	28.1	4.5
169						Rahuri	28.4	82.0	3.8	30.0	6.3
170						Surat	28.8	82.0	4.6	28.0	6.0
171						Talod	26.2	80.0	3.9	28.5	5.4
172	North	Bhatinda			28.3	83.0	3.9	28.6	4.6		
173		Faridkot			28.7	84.0	5.0	31.6	4.6		
174		Kanpur			27.4	81.0	4.4	28.7	5.8		
175		Sriganganagar			26.3	82.0	5.2	27.5	4.5		
176	South	B Gudi			28.7	85.0	4.6	28.3	5.0		
177		Coimbatore			27.6	81.0	4.1	27.6	5.4		
178		Lam			26.9	80.7	3.6	29.3	5.9		
179		Raichur			27.7	83.0	4.3	31.1	5.6		
180		Srivilliputhur			26.8	83.0	3.6	28.6	5.6		
181	613	CPD-1602	Central	Banswara	27.6	83.0	3.2	29.7	4.8		
182				Bhavanipatna	28.2	86.0	4.2	29.6	5.1		
183				Junagadh	27.4	85.0	4.0	32.3	4.2		
184				Rahuri	28.2	82.0	3.7	29.0	6.0		
185				Surat	27.8	81.0	4.5	27.8	5.7		
186				Talod	26.3	80.0	4.9	28.3	5.4		
187			North	Bhatinda	29.3	83.0	3.7	30.8	4.7		
188				Faridkot	28.3	83.0	4.7	31.2	4.7		
189				Kanpur	27.2	81.0	4.5	28.7	5.6		
190				Sriganganagar	26.1	82.0	3.8	28.3	4.7		
191			South	B Gudi	27.0	83.0	3.9	28.7	5.1		
192				Coimbatore	26.5	81.0	4.7	26.8	5.8		
193				Lam	27.2	81.3	3.4	28.5	5.7		
194				Raichur	28.8	84.0	3.8	32.7	5.6		
195				Srivilliputhur	26.1	83.0	4.0	31.3	5.2		

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Tenacity (g/tex)	E%
196	614	RB-616	Central	Banswara	26.6	82.0	3.9	26.1	5.1
197				Bhavanipatna	26.8	83.0	4.1	27.5	5.7
198				Junagadh	26.4	84.0	5.1	29.0	4.7
199				Rahuri	27.1	81.0	4.0	27.7	6.1
200				Surat	26.0	80.0	5.3	27.6	6.3
201				Talod	25.6	79.0	5.2	27.6	5.4
202			North	Bhatinda	26.1	82.0	4.8	28.6	4.8
203				Faridkot	27.4	82.0	5.2	26.9	4.9
204				Kanpur	26.1	80.0	5.0	28.7	6.2
205				Sriganganagar	24.2	78.0	4.7	25.9	4.6
206			South	B Gudi	25.6	82.0	4.5	28.7	5.5
207				Coimbatore	27.1	81.0	4.6	26.8	5.6
208				Lam	27.6	81.3	4.1	28.6	5.9
209				Raichur	27.6	84.0	4.6	31.3	6.2
210	Srivilliputhur	24.8		82.0	3.5	27.9	6.0		
211	615	RAH 1070	Central	Banswara	28.1	84.0	3.2	30.1	5.3
212				Bhavanipatna	28.9	86.0	4.9	30.6	4.9
213				Junagadh	30.5	88.0	5.5	31.8	4.4
214				Rahuri	27.7	81.0	4.8	29.1	5.9
215				Surat	28.0	82.0	5.0	27.8	5.9
216				Talod	27.2	81.0	4.3	29.1	5.5
217			North	Bhatinda	29.0	81.0	4.7	30.8	4.6
218				Faridkot	26.9	81.0	5.2	29.2	4.3
219				Kanpur	30.0	82.0	4.4	29.4	6.1
220				Sriganganagar	24.8	83.0	5.0	28.9	5.0
221			South	B Gudi	28.5	83.0	5.1	30.4	5.1
222				Coimbatore	28.7	82.0	4.9	26.4	5.4
223				Lam	25.8	80.3	4.4	28.8	5.9
224				Raichur	29.8	84.0	4.9	32.5	5.6
225				Srivilliputhur	26.6	83.0	3.7	28.5	5.8
226	616	CCH 16-1	Central	Banswara	30.6	84.0	3.0	28.5	5.0
227				Bhavanipatna	32.9	88.0	4.0	34.2	5.5
228				Junagadh	32.3	87.0	4.4	31.2	4.9
229				Rahuri	33.0	84.0	3.9	33.7	6.5
230				Surat	32.5	84.0	4.3	30.0	6.0
231				Talod	27.1	80.0	5.0	27.8	5.0
232			North	Bhatinda	32.3	86.0	4.3	33.2	4.8
233				Faridkot	30.5	83.0	4.0	30.6	4.9
234				Kanpur	33.7	84.0	3.9	34.9	6.4
235				Sriganganagar	26.2	81.0	4.6	28.3	4.4

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Tenacity (g/tex)	E%
236			South	B Gudi	32.5	85.0	4.2	30.4	5.3
237		Coimbatore		32.6	84.0	4.0	29.6	5.7	
238		Lam		30.6	83.0	3.3	30.7	6.0	
239		Raichur		33.8	90.0	4.1	33.9	6.0	
240		Srivilliputhur		30.4	86.0	3.1	32.8	5.7	
241	617	SIMA 5	Central	Banswara	32.3	85.0	2.8	29.4	4.8
242				Bhavanipatna	34.8	88.0	3.6	31.6	5.0
243				Junagadh	30.1	84.0	4.1	30.1	4.5
244				Rahuri	32.5	84.0	3.5	30.1	5.9
245				Surat	32.8	84.0	4.3	30.8	6.5
246				Talod	29.8	82.0	3.8	27.0	5.2
247			North	Bhatinda	31.6	85.0	4.2	30.1	4.6
248				Faridkot	30.3	84.0	4.1	30.9	4.7
249				Kanpur	31.8	83.0	4.1	29.4	5.8
250			Sriganganagar	28.5	82.0	4.0	28.2	4.9	
251			South	B Gudi	32.7	87.0	4.0	30.5	5.0
252				Coimbatore	32.7	84.0	4.1	28.1	5.7
253				Lam	31.9	83.7	3.1	30.3	5.7
254				Raichur	33.4	86.0	3.9	33.6	5.5
255				Srivilliputhur	27.6	87.0	3.0	31.0	5.4
256	618	GJHV 518	Central	Banswara	27.3	83.0	3.1	24.2	5.1
257				Bhavanipatna	30.6	85.0	3.8	28.6	5.1
258				Junagadh	28.6	85.0	4.4	28.6	4.3
259				Rahuri	29.2	82.0	3.5	26.7	5.6
260				Surat	29.2	82.0	4.2	26.9	5.9
261				Talod	25.8	80.0	3.6	27.5	5.2
262			North	Bhatinda	29.0	84.0	4.2	28.3	4.8
263				Faridkot	28.4	84.0	4.2	28.6	4.5
264				Kanpur	30.1	82.0	3.9	29.3	6.1
265				Sriganganagar	26.0	80.0	4.3	26.0	4.5
266			South	B Gudi	27.1	84.0	3.5	27.0	5.3
267				Coimbatore	26.9	81.0	3.9	26.9	5.1
268				Lam	28.0	81.3	3.2	30.2	5.8
269				Raichur	28.7	84.0	4.1	31.5	5.2
270				Srivilliputhur	27.3	83.0	3.0	26.8	5.3
271	619	HS 297	Central	Banswara	26.8	81.0	3.6	25.6	5.2
272				Bhavanipatna	26.0	80.0	4.0	28.7	6.0
273				Junagadh	28.2	84.0	4.9	27.6	4.7
274				Rahuri	28.0	82.0	3.8	28.2	5.9
275				Surat	26.3	80.0	4.9	28.0	6.0
276				Talod	24.7	79.0	4.3	26.9	5.6



Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Tenacity (g/tex)	E%
277			North	Bhatinda	27.8	83.0	4.7	29.1	5.0
278				Faridkot	27.6	84.0	4.9	30.7	4.4
279				Kanpur	26.6	80.0	4.7	28.0	5.8
280				Sriganganagar	24.7	80.0	4.9	26.4	4.9
281			South	B Gudi	27.2	84.0	4.1	27.4	5.6
282				Coimbatore	25.5	80.0	4.4	26.3	5.8
283				Lam	25.6	80.0	4.1	28.2	6.0
284				Raichur	29.0	84.0	4.4	30.3	5.6
285				Srivilliputhur	25.0	81.0	3.6	28.0	5.5
286			620	GISV-310	Central	Banswara	26.4	82.0	2.8
287	Bhavanipatna	27.2				81.0	4.8	29.8	6.1
288	Junagadh	26.5				82.0	4.8	27.6	4.3
289	Rahuri	27.0				81.0	4.6	27.7	5.7
290	Surat	25.4				80.0	4.8	27.2	5.7
291	Talod	24.2				79.0	4.7	27.3	5.2
292	North	Bhatinda			27.3	82.0	4.8	31.4	4.5
293		Faridkot			26.2	83.0	4.8	28.2	4.6
294		Kanpur			27.0	80.0	4.5	30.9	6.1
295		Sriganganagar			25.2	82.0	5.4	27.5	4.5
296	South	B Gudi	27.4	84.0	4.7	29.2	5.2		
297		Coimbatore	26.1	80.0	4.1	27.5	5.8		
298		Lam	26.4	80.7	3.9	28.8	5.9		
299		Raichur	27.3	84.0	4.9	31.3	5.6		
300		Srivilliputhur	26.3	82.0	3.8	31.4	5.7		
301	621	PBH 42	Central	Banswara	28.4	84.0	2.6	25.2	5.4
302				Bhavanipatna	28.2	82.0	3.7	30.7	6.2
303				Junagadh	29.1	84.0	4.4	28.1	5.1
304				Rahuri	29.9	82.0	3.6	27.1	6.3
305				Surat	30.2	83.0	4.5	27.0	6.2
306				Talod	28.8	81.0	3.3	30.4	5.4
307			North	Bhatinda	29.0	83.0	4.1	28.4	5.0
308				Faridkot	28.4	84.0	4.6	29.6	4.9
309				Kanpur	29.1	82.0	3.9	30.1	6.2
310				Sriganganagar	27.4	83.0	4.5	29.0	5.3
311			South	B Gudi	28.6	83.0	3.8	25.4	5.5
312				Coimbatore	28.3	82.0	3.6	26.2	5.9
313				Lam	28.4	82.0	3.5	29.5	6.0
314				Raichur	29.3	86.0	4.0	29.2	6.4
315				Srivilliputhur	30.9	87.0	3.6	30.7	5.7

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Tenacity (g/tex)	E%
316	622	RS 2835	Central	Banswara	28.7	86.0	2.8	32.1	6.2
317				Bhavanipatna	28.8	82.0	4.0	29.0	6.3
318				Junagadh	27.3	84.0	4.6	26.9	4.6
319				Rahuri	28.8	82.0	3.0	27.3	6.1
320				Surat	30.3	83.0	4.8	26.3	6.0
321				Talod	27.6	81.0	4.9	28.2	5.4
322			North	Bhatinda	28.7	84.0	4.4	29.8	5.1
323				Faridkot	28.6	82.0	4.3	29.0	4.3
324				Kanpur	30.2	82.0	3.6	29.2	6.1
325				Sriganganagar	25.8	83.0	4.6	27.5	5.0
326			South	B Gudi	27.8	84.0	4.2	26.4	5.4
327				Coimbatore	28.1	81.0	4.4	28.0	5.7
328				Lam	26.9	80.7	3.6	29.4	5.9
329				Raichur	28.7	85.0	4.6	30.8	6.3
330				Srivilliputhur	28.5	84.0	3.3	28.9	5.6
331	623	CCH 16-2	Central	Banswara	30.2	85.0	3.0	28.6	5.6
332				Bhavanipatna	28.7	82.0	4.6	31.6	6.2
333				Junagadh	29.6	86.0	4.6	31.0	4.6
334				Rahuri	28.7	82.0	4.1	27.1	6.0
335				Surat	29.4	82.0	4.5	27.2	6.0
336				Talod	27.7	81.0	4.6	28.3	5.3
337			North	Bhatinda	30.4	83.0	4.3	31.6	4.5
338				Faridkot	31.3	82.0	4.6	30.7	4.7
339				Kanpur	30.7	82.0	4.1	28.4	6.0
340				Sriganganagar	25.7	83.0	4.3	26.1	4.8
341			South	B Gudi	28.4	85.0	4.3	28.3	5.5
342				Coimbatore	27.3	81.0	4.6	28.4	5.7
343				Lam	28.4	82.0	3.1	30.5	5.9
344				Raichur	29.0	86.0	4.6	30.3	5.6
345				Srivilliputhur	29.1	82.0	3.7	29.0	5.1
346	624	CNH 39	Central	Banswara	24.8	82.0	3.4	28.0	5.4
347				Bhavanipatna	26.2	80.0	5.2	29.4	6.1
348				Junagadh	26.7	83.0	4.8	27.1	4.5
349				Rahuri	25.9	80.0	4.7	26.9	5.8
350				Surat	26.2	80.0	5.2	26.8	5.6
351				Talod	24.8	79.0	5.0	27.5	5.5
352			North	Bhatinda	25.1	83.0	4.8	29.5	4.6
353				Faridkot	29.0	81.0	5.1	28.0	4.6
354				Kanpur	28.9	81.0	4.7	28.3	5.8
355				Sriganganagar	26.6	81.0	5.2	27.7	4.8

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Tenacity (g/tex)	E%
356			South	B Gudi	26.1	84.0	4.7	26.7	5.5
357		Coimbatore		27.1	81.0	4.9	27.4	5.6	
358		Lam		26.3	80.7	3.8	28.2	5.8	
359		Raichur		29.1	85.0	5.0	30.1	5.8	
360		Srivilliputhur		28.5	83.0	3.9	29.1	5.5	
361	625	Quality Check	Central	Banswara	31.2	84.0	3.8	27.7	4.7
362				Bhavanipatna	33.4	84.0	5.0	33.3	6.5
363				Junagadh	31.6	88.0	4.6	30.2	4.9
364				Rahuri	31.3	83.0	4.6	26.7	6.0
365				Surat	31.5	83.0	4.9	27.0	6.0
366				Talod	27.8	81.0	4.9	28.9	5.3
367			North	Bhatinda	27.3	85.0	4.4	27.9	4.6
368				Faridkot	30.0	84.0	4.9	29.3	4.3
369				Kanpur	27.3	81.0	4.5	29.0	5.9
370			Sriganganagar	27.8	83.0	4.3	27.9	4.6	
371			South	B Gudi	32.3	88.0	4.6	29.3	5.1
372				Coimbatore	29.1	82.0	5.0	28.6	5.9
373				Lam	31.4	83.0	3.7	30.0	6.1
374				Raichur	32.2	88.0	4.8	32.5	5.4
375				Srivilliputhur	31.7	85.0	3.3	33.1	5.5
376			626	CSH 2811	Central	Banswara	27.6	81.0	2.9
377	Bhavanipatna	29.3				82.0	3.8	31.2	6.2
378	Junagadh	27.8				83.0	4.7	28.6	4.9
379	Rahuri	28.4				82.0	3.8	28.1	6.1
380	Surat	28.0				81.0	4.3	29.2	5.9
381	Talod	28.2				81.0	4.1	29.2	5.4
382	North	Bhatinda			26.5	83.0	4.1	29.9	5.5
383		Faridkot			28.4	82.0	4.4	30.8	5.0
384		Kanpur			28.7	81.0	4.1	29.8	6.1
385		Sriganganagar			25.8	82.0	4.4	26.4	4.8
386	South	B Gudi			27.1	85.0	4.4	27.7	5.2
387		Coimbatore			29.7	82.0	4.2	26.5	5.9
388		Lam			27.0	81.0	3.5	29.7	6.0
389		Raichur			28.7	84.0	4.9	31.8	5.3
390		Srivilliputhur			28.4	84.0	3.4	28.4	5.8
391	627	GSHV 185			Central	Banswara	27.7	83.0	2.8
392			Bhavanipatna	28.6		82.0	4.4	30.9	5.9
393			Junagadh	26.4		83.0	4.7	27.0	4.3
394			Rahuri	28.9		82.0	4.7	26.3	5.7
395			Surat	28.0		81.0	5.0	28.2	6.2
396			Talod	26.2		80.0	4.7	27.7	5.3

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Tenacity (g/tex)	E%		
397			North	Bhatinda	25.9	82.0	4.6	30.3	4.5		
398				Faridkot	26.0	81.0	5.1	31.1	4.5		
399				Kanpur	28.4	81.0	4.6	30.6	6.0		
400				Sriganganagar	23.7	81.0	5.1	28.2	4.4		
401			South	B Gudi	28.9	83.0	5.0	30.1	4.5		
402				Coimbatore	25.5	80.0	4.7	27.5	5.6		
403				Lam	27.6	81.3	4.1	29.0	5.9		
404				Raichur	28.1	85.0	4.5	34.7	5.6		
405				Srivilliputhur	27.3	85.0	3.7	31.3	5.2		
406				628	BGDS 1072	Central	Banswara	29.1	86.0	3.0	25.9
407	Bhavanipatna	28.8	82.0				4.6	30.4	6.1		
408	Junagadh	28.0	85.0				4.6	27.8	4.6		
409	Rahuri	27.9	81.0				3.9	27.9	6.1		
410	Surat	29.5	83.0				4.7	26.5	6.5		
411	Talod	26.7	80.0				4.9	27.2	5.0		
412	North	Bhatinda	26.9				83.0	4.8	27.0	4.4	
413		Faridkot	27.1			80.0	5.0	29.0	4.2		
414		Kanpur	28.8			81.0	4.1	28.7	5.9		
415		Sriganganagar	25.7			82.0	4.6	29.4	4.4		
416	South	B Gudi	27.7			84.0	4.3	26.9	4.6		
417		Coimbatore	25.9			80.0	4.0	26.5	5.7		
418		Lam	26.6			80.7	3.8	27.7	5.6		
419		Raichur	28.7			85.0	4.0	32.4	5.5		
420		Srivilliputhur	27.0			83.0	3.6	31.5	5.1		
421		629	TSH 324			Central	Banswara	29.6	84.0	3.0	28.6
422	Bhavanipatna						30.9	83.0	4.2	30.5	6.0
423	Junagadh						31.9	86.0	4.8	32.2	4.8
424	Rahuri						30.1	83.0	4.0	29.5	6.1
425	Surat						32.0	84.0	3.8	29.8	5.7
426	Talod			28.6	81.0		3.8	29.8	5.4		
427	North			Bhatinda	30.3		82.0	4.2	31.5	4.4	
428				Faridkot	29.2	85.0	4.2	34.6	4.5		
429				Kanpur	30.1	82.0	4.0	29.1	6.0		
430				Sriganganagar	28.6	85.0	3.5	31.5	4.7		
431	South			B Gudi	29.7	84.0	4.2	28.0	4.5		
432				Coimbatore	28.2	82.0	4.2	26.3	5.6		
433				Lam	29.6	82.3	3.8	28.8	5.9		
434				Raichur	31.1	87.0	4.1	32.8	4.8		
435				Srivilliputhur	31.7	87.0	3.5	32.4	4.9		

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Tenacity (g/tex)	E%
436	630	Sartaj	Central	Banswara	28.6	85.0	2.7	26.1	5.8
437				Bhavanipatna	29.4	82.0	3.5	30.2	6.3
438				Junagadh	26.6	84.0	4.6	26.8	4.8
439				Rahuri	27.7	81.0	3.8	29.2	6.3
440				Surat	30.0	82.0	4.3	25.8	6.2
441				Talod	27.7	81.0	3.7	27.6	5.2
442			North	Bhatinda	26.4	84.0	4.6	30.3	5.0
443				Faridkot	27.7	84.0	4.3	30.8	5.2
444				Kanpur	28.6	81.0	4.0	31.1	6.2
445				Sriganganagar	26.7	83.0	4.4	28.9	4.9
446			South	B Gudi	27.5	82.0	4.1	26.8	5.2
447				Coimbatore	28.4	82.0	3.6	26.9	5.4
448				Lam	27.0	81.3	3.4	29.2	5.9
449				Raichur	29.1	85.0	4.0	29.5	5.9
450				Srivilliputhur	28.8	85.0	3.3	29.0	5.8
451	631	CNH 108	Central	Banswara	25.9	80.0	4.0	24.3	5.0
452				Bhavanipatna	28.4	82.0	4.8	29.6	6.2
453				Junagadh	28.5	86.0	4.7	29.4	4.8
454				Rahuri	28.0	81.0	4.5	28.5	6.1
455				Surat	27.5	81.0	4.8	27.5	5.8
456				Talod	26.9	80.0	4.5	27.8	5.1
457			North	Bhatinda	26.2	81.0	4.2	29.8	4.5
458				Faridkot	25.9	82.0	4.0	29.8	4.6
459				Kanpur	29.8	82.0	4.5	27.6	5.8
460				Sriganganagar	26.5	82.0	4.6	26.7	4.1
461			South	B Gudi	27.7	83.0	4.2	27.2	4.5
462				Coimbatore	27.4	81.0	3.8	26.6	5.5
463				Lam	27.4	81.3	4.1	27.8	5.7
464				Raichur	28.0	84.0	4.2	30.7	5.0
465				Srivilliputhur	29.8	84.0	3.3	29.4	5.2
466	632	RHC 1202	Central	Banswara	28.1	83.0	3.2	24.7	5.1
467				Bhavanipatna	30.1	83.0	4.5	29.4	6.3
468				Junagadh	27.8	85.0	4.7	28.2	4.3
469				Rahuri	29.1	82.0	4.2	27.3	6.0
470				Surat	30.0	82.0	4.7	25.4	5.8
471				Talod	26.6	80.0	4.5	26.9	5.5
472			North	Bhatinda	27.3	82.0	4.7	29.8	4.6
473				Faridkot	27.8	83.0	4.6	29.6	4.9
474				Kanpur	30.5	82.0	4.0	30.6	6.4
475				Sriganganagar	28.4	82.0	4.0	28.5	4.7

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Tenacity (g/tex)	E%		
476			South	B Gudi	29.0	82.0	4.4	26.9	5.1		
477		Coimbatore		27.6	81.0	4.0	27.7	5.4			
478		Lam		28.6	82.0	4.2	27.6	5.7			
479		Raichur		32.8	85.0	3.8	29.9	5.4			
480		Srivilliputhur		31.4	85.0	3.5	31.4	5.6			
481	633	ARBH 1601	Central	Banswara	27.9	82.0	3.1	27.9	5.2		
482				Bhavanipatna	29.6	82.0	4.6	29.4	5.9		
483				Junagadh	28.4	84.0	4.0	27.0	4.9		
484				Rahuri	25.5	80.0	4.2	26.8	5.8		
485				Surat	28.0	82.0	4.6	28.6	6.0		
486				Talod	28.3	81.0	3.6	29.1	5.4		
487			North	Bhatinda	25.3	80.0	4.8	29.7	4.6		
488				Faridkot	26.8	81.0	4.6	30.9	4.7		
489				Kanpur	27.3	81.0	4.7	28.4	5.6		
490			Sriganganagar	27.2	80.0	4.6	28.6	4.3			
491			South	B Gudi	29.7	84.0	4.3	28.8	5.0		
492				Coimbatore	26.3	80.0	4.6	27.3	5.7		
493				Lam	28.1	81.3	3.9	28.8	5.9		
494				Raichur	30.0	85.0	4.4	30.7	5.1		
495				Srivilliputhur	27.8	83.0	3.2	29.8	5.4		
496			634	TCH 1199	Central	Banswara	27.8	84.0	3.6	25.4	4.9
497						Bhavanipatna	28.8	82.0	5.0	30.4	6.0
498						Junagadh	28.7	86.0	4.5	30.0	4.4
499						Rahuri	27.2	81.0	4.6	27.9	5.9
500	Surat	26.9				80.0	5.2	27.0	5.4		
501	Talod	28.8				81.0	5.0	27.6	5.1		
502	North	Bhatinda			26.1	83.0	4.6	29.5	4.9		
503		Faridkot			25.2	80.0	4.5	27.2	4.7		
504		Kanpur			27.4	81.0	5.0	28.2	5.6		
505		Sriganganagar			26.4	83.0	4.8	27.3	4.3		
506	South	B Gudi			28.9	82.0	4.2	27.9	4.6		
507		Coimbatore			26.4	81.0	4.8	27.0	5.3		
508		Lam			27.4	82.7	4.2	27.4	5.6		
509		Raichur			29.7	84.0	4.5	30.4	5.1		
510		Srivilliputhur	26.8	84.0	3.3	27.4	5.1				
511	635	Local Check	Central	Banswara	25.6	81.0	3.0	23.3	5.2		
512				Bhavanipatna	35.2	85.0	4.2	34.7	6.6		
513				Junagadh	29.5	86.0	5.2	33.0	4.1		
514				Rahuri	28.0	81.0	4.4	28.3	6.0		
515				Surat	25.7	80.0	4.8	27.4	5.9		
516				Talod	27.3	81.0	4.8	28.2	5.5		

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Tenacity (g/tex)	E%		
517			North	Bhatinda	28.1	85.0	5.0	28.2	4.8		
518				Faridkot	28.5	84.0	4.7	30.7	4.9		
519				Kanpur	26.6	80.0	4.4	29.0	6.1		
520				Sriganganagar	26.8	82.0	4.5	25.3	4.4		
521			South	B Gudi	30.5	84.0	4.1	28.7	4.9		
522				Coimbatore	30.1	83.0	4.6	26.0	5.9		
523				Lam	27.4	82.0	3.2	29.0	5.7		
524				Raichur	31.4	86.0	4.1	31.5	5.1		
525				Srivilliputhur	28.2	84.0	4.7	26.7	4.1		
526			636	L 1384	Central	Banswara	28.8	84.0	2.9	24.8	4.9
527						Bhavanipatna	32.9	84.0	4.7	33.8	6.4
528	Junagadh	29.3				84.0	5.0	28.6	4.6		
529	Rahuri	32.0				83.0	4.0	28.3	6.1		
530	Surat	32.2				84.0	4.0	27.6	6.0		
531	Talod	28.8				81.0	4.5	28.2	5.5		
532	North	Bhatinda				29.2	85.0	5.0	29.4	4.7	
533		Faridkot			28.8	82.0	4.7	28.8	4.8		
534		Kanpur			28.4	81.0	4.1	30.1	5.8		
535		Sriganganagar			27.9	82.0	4.4	26.4	4.3		
536	South	B Gudi			29.7	84.0	4.1	28.1	4.8		
537		Coimbatore			29.5	82.0	4.4	24.4	5.5		
538		Lam			29.4	83.0	3.8	28.9	5.7		
539		Raichur			28.7	84.0	4.4	31.6	5.3		
540		Srivilliputhur			30.7	86.0	3.3	31.8	5.4		
541	637	GJHV 477			Central	Banswara	30.3	84.0	2.7	24.3	4.9
542						Bhavanipatna	27.6	81.0	5.0	30.8	6.2
543						Junagadh	28.6	84.0	5.0	27.8	4.6
544						Rahuri	29.0	82.0	4.2	27.9	6.2
545			Surat	26.3		80.0	4.6	29.0	6.1		
546			Talod	27.7		81.0	4.5	28.7	5.6		
547			North	Bhatinda		24.7	81.0	4.8	26.4	4.6	
548				Faridkot	24.5	80.0	3.8	25.9	5.3		
549				Kanpur	29.9	82.0	4.0	27.9	6.1		
550				Sriganganagar	28.8	80.0	4.7	28.5	4.6		
551			South	B Gudi	29.4	82.0	4.4	26.8	5.1		
552				Coimbatore	30.5	83.0	4.9	25.6	5.6		
553				Lam	27.6	82.3	4.0	27.8	5.7		
554				Raichur	29.3	85.0	4.5	31.4	5.7		
555				Srivilliputhur	26.2	82.0	3.3	27.6	5.7		

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Tenacity (g/tex)	E%
556	638	BS 2	Central	Banswara	27.9	83.0	3.7	26.5	4.7
557				Bhavanipatna	31.6	83.0	4.3	30.2	5.9
558				Junagadh	29.8	84.0	4.6	31.3	4.7
559				Rahuri	32.9	83.0	3.9	30.9	6.2
560				Surat	26.4	81.0	4.5	27.5	5.9
561				Talod	27.7	81.0	4.7	28.4	5.2
562			North	Bhatinda	30.1	85.0	4.1	30.8	4.5
563				Faridkot	24.6	83.0	3.4	30.6	4.8
564				Kanpur	31.5	83.0	4.6	27.8	5.8
565				Sriganganagar	28.6	85.0	4.8	28.0	4.5
566			South	B Gudi	31.6	85.0	4.3	29.6	4.7
567				Coimbatore	29.1	82.0	4.7	25.4	5.5
568				Lam	30.4	83.7	3.6	31.5	5.6
569				Raichur	31.4	87.0	4.6	34.1	5.3
570				Srivilliputhur	28.0	84.0	3.1	30.6	5.3
571			639	RB 617	Central	Banswara	28.0	81.0	2.9
572	Bhavanipatna	28.8				84.0	5.0	28.8	4.6
573	Junagadh	28.4				84.0	5.0	28.1	4.6
574	Rahuri	28.2				82.0	4.5	28.5	6.0
575	Surat	27.9				81.0	5.2	28.0	5.8
576	Talod	27.5				81.0	5.1	28.0	5.2
577	North	Bhatinda			27.3	83.0	4.3	27.6	4.6
578		Faridkot			26.3	82.0	4.8	28.4	4.5
579		Kanpur			27.7	81.0	4.7	27.3	6.0
580		Sriganganagar			27.8	84.0	5.1	28.1	4.3
581	South	B Gudi			27.6	83.0	4.4	27.2	4.3
582		Coimbatore			28.0	82.0	4.7	26.5	5.7
583		Lam			27.4	82.7	4.2	28.8	5.7
584		Raichur			29.0	85.0	4.7	32.0	5.6
585		Srivilliputhur			28.0	84.0	2.8	31.1	5.5
586	640	F 2453	Central	Banswara	26.7	82.0	3.7	25.5	5.5
587				Bhavanipatna	30.3	83.0	4.4	28.2	4.8
588				Junagadh	29.9	84.0	4.8	27.2	4.5
589				Rahuri	29.5	82.0	4.1	25.6	5.9
590				Surat	29.6	82.0	5.0	25.6	5.9
591				Talod	26.7	80.0	5.0	28.0	5.5
592			North	Bhatinda	27.0	82.0	4.8	28.1	4.7
593				Faridkot	28.1	83.0	5.0	29.4	4.7
594				Kanpur	28.8	81.0	4.8	28.1	5.7
595				Sriganganagar	29.9	81.0	4.9	28.0	4.6



Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Tenacity (g/tex)	E%
596			South	B Gudi	28.8	84.0	4.4	28.2	4.8
597		Coimbatore		28.6	82.0	4.5	26.6	5.4	
598		Lam		28.8	83.0	4.2	28.7	5.7	
599		Raichur		31.8	86.0	4.6	30.3	5.4	
600		Srivilliputhur		27.7	85.0	3.8	29.2	4.9	
601	641	HS 298	Central	Banswara	25.0	81.0	3.4	24.8	5.2
602				Bhavanipatna	28.8	82.0	4.3	25.8	5.1
603				Junagadh	27.1	81.0	4.9	25.1	4.6
604				Rahuri	27.4	81.0	4.2	28.0	5.9
605				Surat	27.3	81.0	5.0	26.3	5.9
606				Talod	24.3	79.0	4.6	26.2	4.9
607			North	Bhatinda	29.7	84.0	4.5	31.8	4.8
608				Faridkot	27.6	84.0	5.6	29.4	4.5
609				Kanpur	26.7	80.0	4.7	27.6	5.7
610				Sriganganagar	27.6	82.0	5.3	25.6	4.3
611			South	B Gudi	27.7	82.0	4.6	25.6	4.8
612				Coimbatore	29.2	82.0	3.5	26.1	5.4
613				Lam	26.3	82.0	4.1	27.4	5.7
614				Raichur	28.4	84.0	4.5	31.2	5.2
615				Srivilliputhur	26.0	82.0	3.8	27.4	5.4
616	642	CPD 1601	Central	Banswara	25.0	82.0	3.8	24.6	5.4
617				Bhavanipatna	29.2	85.0	4.7	28.6	4.8
618				Junagadh	25.2	81.0	5.5	23.9	4.6
619				Rahuri	24.7	80.0	3.9	27.3	5.9
620				Surat	30.9	83.0	3.3	28.3	5.5
621				Talod	Sample not received				
622			North	Bhatinda	26.2	82.0	4.7	26.0	4.8
623				Faridkot	24.4	82.0	5.1	29.7	4.7
624				Kanpur	28.1	81.0	4.4	28.1	5.6
625				Sriganganagar	24.9	81.0	4.7	26.4	4.8
626			South	B Gudi	26.3	78.0	4.1	25.3	5.4
627				Coimbatore	28.2	82.0	4.0	27.3	5.8
628				Lam	25.2	81.3	5.0	26.4	5.6
629				Raichur	28.0	84.0	5.1	27.5	5.3
630	Srivilliputhur	24.9		82.0	4.0	27.7	5.4		

**Bro2b –IET – G.hirsutum (Rainfed)**

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
1	651	WGCV 48	Central	Akola	28.0	85	4.4	28.6	5.0
2				Banswara	28.7	84	4.2	29.1	4.4
3				Bharuch	29.8	88	4.3	30.7	4.8
4				Nagpur	28.1	81	3.9	28.2	5.6
5				Nanded	26.8	81	3.6	29.0	5.9
6			South	Nandyal	29.7	86	4.2	33.1	
7				Perambalur	29.0	86	5.0	32.0	
8	652	NDLH 2027	Central	Akola	30.3	83	4.0	27.7	5.4
9				Banswara	29.9	83	3.4	25.2	4.7
10				Bharuch	30.3	84	4.1	28.5	5.3
11				Nagpur	27.8	81	4.0	28.2	5.8
12				Nanded	26.6	81	4.0	24.5	5.6
13			South	Nandyal	28.3	83	4.3	30.4	
14				Perambalur	30.4	85	3.9	33.7	
15	653	BS 26	Central	Akola	31.9	86	4.0	28.7	5.0
16				Banswara	28.5	82	3.4	27.4	4.5
17				Bharuch	32.9	87	3.8	29.9	5.1
18				Nagpur	28.6	81	4.0	27.2	5.5
19				Nanded	28.9	82	3.9	28.4	5.8
20			South	Nandyal	30.8	84	3.6	34.0	
21				Perambalur	31.7	85	4.0	34.2	
22	654	IH 11-2	Central	Akola	29.3	83	3.4	30.5	6.1
23				Banswara	33.9	72	4.0	29.3	5.2
24				Bharuch	29.2	86	4.1	29.2	5.3
25				Nagpur	26.4	80	3.8	27.1	6.0
26				Nanded	28.1	82	3.7	28.8	6.0
27			South	Nandyal	28.7	84	3.9	31.5	
28				Perambalur	27.8	85	4.8	30.3	
29	655	RB 611	Central	Akola	27.0	83	3.7	26.6	5.3
30				Banswara	25.1	82	3.9	25.7	4.6
31				Bharuch	27.8	83	4.1	27.2	5.4
32				Nagpur	28.5	81	3.7	27.8	5.7
33				Nanded	26.8	81	3.6	28.8	6.0
34			South	Nandyal	28.6	85	3.7	31.0	
35				Perambalur	27.2	84	4.4	29.2	
36	656	ZC	Central	Akola	28.7	84	3.4	27.8	5.9
37				Banswara	28.9	84	4.2	28.4	5.0
38				Bharuch	30.4	85	4.3	28.0	5.7
39				Nagpur	28.9	82	3.6	27.0	5.7
40				Nanded	27.1	81	4.1	28.2	5.8

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
41			South	Nandyal	28.3	86	4.2	31.2	
42				Perambalur	30.0	86	3.8	<b>32.5</b>	
43	657	RAH 1070	Central	Akola	28.3	84	4.3	29.7	5.9
44				Banswara	26.7	83	4.7	28.3	4.9
45				Bharuch	28.1	84	5.1	29.1	5.3
46				Nagpur	27.4	81	4.5	27.0	5.7
47				Nanded	27.3	82	4.1	28.2	6.1
48			South	Nandyal	27.7	83	4.2	30.1	
49				Perambalur	29.0	87	4.9	32.1	
50			658	TKH 1185/1/3	Central	Akola	32.1	87	3.3
51	Banswara	32.8				86	3.4	29.0	5.0
52	Bharuch	34.7				86	4.1	29.4	6.0
53	Nagpur	30.4				82	3.5	26.3	6.0
54	Nanded	29.5				82	3.4	30.0	6.0
55	South	Nandyal			31.9	86	3.8	33.8	
56		Perambalur			30.4	86	3.7	33.4	
57	659	PH 1071	Central	Akola	28.5	84	4.0	25.9	5.3
58				Banswara	29.2	84	4.5	28.1	4.6
59				Bharuch	30.9	85	4.5	29.0	5.6
60				Nagpur	27.7	81	4.1	27.5	5.8
61				Nanded	28.6	82	3.7	28.6	5.8
62			South	Nandyal	28.4	82	3.9	30.7	
63				Perambalur	28.4	83	4.6	31.2	
64	660	CPD 1651	Central	Akola	27.9	83	3.7	27.8	5.4
65				Banswara	27.4	82	3.9	26.3	4.6
66				Bharuch	27.8	84	4.3	26.5	6.0
67				Nagpur	28.2	81	4.2	27.7	5.8
68				Nanded	26.7	81	4.1	27.4	5.7
69			South	Nandyal	27.1	83	3.5	28.8	
70				Perambalur	26.3	84	4.5	28.5	
71	661	QC	Central	Akola	32.9	87	4.2	30.5	5.2
72				Banswara	31.1	85	3.4	28.7	4.8
73				Bharuch	33.3	86	4.4	33.9	5.6
74				Nagpur	32.5	83	3.5	31.2	6.0
75				Nanded	29.3	82	3.7	27.0	6.1
76			South	Nandyal	32.4	84	3.4	34.4	
77				Perambalur	32.2	86	4.0	34.8	
78	662	GBHV 184	Central	Akola	26.8	83	4.0	26.7	5.3
79				Banswara	28.2	82	4.7	28.8	4.5
80				Bharuch	27.9	84	4.7	29.7	5.4
81				Nagpur	28.2	81	4.3	27.0	5.9
82				Nanded	26.6	81	3.6	27.8	5.8

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
83			South	Nandyal	27.9	85	3.9	30.1	
84				Perambalur	28.4	84	4.6	30.9	
85	663	L 106	Central	Akola	29.0	85	4.2	28.2	5.2
86				Banswara	30.3	84	3.8	29.3	4.5
87				Bharuch	30.2	86	4.1	28.4	5.4
88				Nagpur	28.6	81	4.1	28.7	5.6
89				Nanded	27.3	81	3.8	28.2	5.8
90				Nandyal	29.5	83	4.0	32.3	
91			Perambalur	29.7	86	4.7	32.6		
92			664	CNH 1125	Central	Akola	33.1	87	4.0
93	Banswara	32.0				86	3.6	32.1	5.0
94	Bharuch	31.3				84	4.7	27.5	5.9
95	Nagpur	30.8				82	3.9	26.4	5.9
96	Nanded	28.4				82	3.9	28.3	6.0
97	Nandyal	28.8				83	4.3	31.5	
98	Perambalur	31.0			86	4.4	34.1		
99	665	CNH 09-77			Central	Akola	29.3	83	4.3
100			Banswara	30.3		85	3.5	27.6	4.8
101			Bharuch	27.9		83	4.4	26.9	5.8
102			Nagpur	27.8		81	3.8	27.8	5.8
103			Nanded	28.9		80	3.5	27.0	5.5
104			Nandyal	27.6		83	3.4	30.4	
105			Perambalur	27.5	83	4.5	29.9		
106			666	AKH 1301	Central	Akola	29.5	86	4.1
107	Banswara	29.2				84	4.4	26.1	4.6
108	Bharuch	30.6				85	4.8	27.8	5.8
109	Nagpur	28.4				81	4.7	27.6	5.7
110	Nanded	27.8				81	3.9	28.5	5.7
111	Nandyal	28.7				82	4.1	30.9	
112	Perambalur	-			-	-	-	-	
113	667	H 1489			Central	Akola	28.3	82	3.8
114			Banswara	29.4		82	3.8	26.3	4.3
115			Bharuch	28.7		86	4.4	27.6	5.3
116			Nagpur	26.4		80	4.3	26.7	5.4
117			Nanded	26.9		81	3.4	28.4	5.8
118			Nandyal	27.1		82	4.2	29.3	
119			Perambalur	-	-	-	-	-	
120			668	RAH 1071	Central	Akola	29.2	86	4.2
121	Banswara	28.9				84	4.6	28.5	4.9
122	Bharuch	27.7				83	5.1	26.7	5.3
123	Nagpur	27.2				80	4.6	27.2	5.9
124	Nanded	26.0				80	4.0	27.6	5.8

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%		
125			South	Nandyal	28.8	81	4.3	31.8			
126				Perambalur	-	-	-	-	-		
127	669	CNH 7012	Central	Akola	31.2	86	4.0	27.5	4.0		
128						Banswara	30.6	87	4.1	28.5	4.8
129						Bharuch	30.7	85	4.8	28.0	5.8
130						Nagpur	29.4	82	4.1	26.4	5.8
131						Nanded	26.0	80	4.4	27.3	5.7
132					South	Nandyal	28.3	84	4.5	30.7	
133						Perambalur	-	-	-	-	-
134	670	CPD 1652	Central	Akola	29.0	83	4.5	25.0	4.5		
135						Banswara	28.4	84	4.4	26.5	4.3
136						Bharuch	26.8	83	5.4	26.6	4.6
137						Nagpur	25.7	80	4.9	26.4	5.7
138						Nanded	31.5	83	3.4	31.4	6.0
139					South	Nandyal	27.1	83	4.6	29.8	
140						Perambalur	-	-	-	-	-
141	671	BS-1	Central	Akola	34.0	86	3.4	26.9	3.4		
142						Banswara	32.1	85	3.7	28.1	4.9
143						Bharuch	32.5	87	3.8	28.3	6.0
144						Nagpur	30.8	82	3.5	26.3	5.8
145						Nanded	26.1	80	4.2	26.9	5.4
146					South	Nandyal	32.7	85	3.6	33.8	
147						Perambalur	-	-	-	-	-
148	672	BGDS 1072	Central	Akola	30.3	85	3.9	25.3	5.0		
149						Banswara	28.9	83	4.4	26.7	4.8
150						Bharuch	29.3	82	4.2	29.0	6.3
151						Nagpur	29.7	82	4.1	25.1	5.9
152						Nanded	26.9	81	4.0	27.7	5.9
153					South	Nandyal	28.5	83	4.0	30.5	
154						Perambalur	Sample not received				
155	673	TKH 0250/2	Central	Akola	33.2	86	3.2	25.9	5.4		
156						Banswara	32.7	85	3.3	26.3	5.4
157						Bharuch	32.8	84	3.6	32.0	6.5
158						Nagpur	33.6	84	3.7	29.4	6.0
159						Nanded	31.0	83	3.5	30.3	6.1
160					South	Nandyal	30.3	77	3.6	28.0	
161						Perambalur	-	-	-	-	-
162	674	GBHV 185	Central	Akola	30.4	86	4.2	24.6	5.4		
163						Banswara	30.0	84	4.4	28.9	4.9
164						Bharuch	28.7	82	4.0	30.6	6.1
165						Nagpur	29.1	82	3.7	26.1	6.0
166						Nanded	28.0	82	3.9	28.6	6.0

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
167			South	Nandyal	30.4	81	4.1	30.5	
168				Perambalur	-	-	-	-	-
169	675	LC	Central	Akola	28.7	83	3.9	25.6	5.5
170				Banswara	27.0	82	4.3	25.6	4.5
171				Bharuch	28.1	81	4.3	29.1	5.9
172				Nagpur	28.7	81	4.1	28.3	5.8
173				Nanded	26.1	80	4.2	27.3	6.0
174			South	Nandyal	29.4	84	4.0	31.9	
175				Perambalur	-	-	-	-	-
176			676	CCH 16-3	Central	Akola	30.7	83	4.3
177	Banswara	28.4				83	4.2	30.2	4.7
178	Bharuch	28.9				82	4.6	28.7	5.7
179	Nagpur	30.0				82	3.8	26.1	5.8
180	Nanded	26.1				80	4.2	27.3	6.0
181	South	Nandyal			30.4	82	4.0	33.4	
182		Perambalur			-	-	-	-	-
183	677	IH 11-12			Central	Akola	31.1	84	3.3
184			Banswara	28.4		82	3.6	25.8	4.7
185			Bharuch	28.9		82	4.4	28.6	6.0
186			Nagpur	28.7		81	3.7	27.0	5.6
187			Nanded	26.6		81	3.8	27.7	5.6
188			South	Nandyal	28.2	83	3.9	30.9	
189				Perambalur	-	-	-	-	-
190			678	RB 610	Central	Akola	28.3	83	3.8
191	Banswara	25.4				82	4.0	27.2	4.7
192	Bharuch	27.2				81	4.6	28.8	5.5
193	Nagpur	26.3				80	4.2	26.6	5.3
194	Nanded	23.6				79	4.1	26.3	6.0
195	South	Nandyal			27.0	83	4.3	28.7	
196		Perambalur			-	-	-	-	-
197	679	NDLH 2030-2			Central	Akola	31.3	83	4.2
198			Banswara	29.7		82	3.2	24.5	4.6
199			Bharuch	32.9		84	3.5	31.6	5.8
200			Nagpur	30.1		82	2.9	28.4	5.4
201			Nanded	28.2		82	3.0	27.8	5.6
202			South	Nandyal	29.7	82	3.3	32.6	
203				Perambalur	-	-	-	-	-
204			680	ARBH 1651	Central	Akola	31.1	84	3.9
205	Banswara	27.6				81	4.2	25.7	4.5
206	Bharuch	29.1				82	4.1	26.5	5.6
207	Nagpur	27.8				81	3.8	27.2	6.0
208	Nanded	27.5				81	4.0	27.2	5.6

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
209			South	Nandyal	28.2	81	3.3	30.8	
210				Perambalur	-	-	-	-	-

**Br.06a - IET of compact genotypes under irrigated condition**

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
1	701	RS 2827	North	Faridkot	27.0	84	4.5	28.0	5.1
2				Sriganganagar	28.3	83	4.0	27.0	5.0
3			Central	Bhawanipatna	28.1	84	3.6	28.7	5.5
4				Rahuri	27.8	82	3.9	29.8	6.1
5				Talod	27.5	81	5.0	29.5	5.6
6			South	Coimbatore	26.9	81	3.9	27.2	5.5
7				Lam	27.5	81	3.2	30.7	5.8
8				Raichur	28.4	85	4.2	29.4	5.1
9	702	RHC 1312	North	Faridkot	28.6	82	5.1	31.0	4.6
10				Sriganganagar	26.8	82	4.6	27.3	4.8
11			Central	Bhawanipatna	26.0	83	4.2	28.8	5.8
12				Rahuri	28.2	82	4.5	27.5	5.7
13				Talod	25.4	79	4.3	28.0	5.7
14			South	Coimbatore	26.9	81	5.1	27.0	5.7
15				Lam	27.3	81	3.4	28.6	5.8
16				Raichur	27.0	84	5.1	29.7	5.3
17	703	DSC 1601	North	Faridkot	25.7	80	5.2	30.0	4.5
18				Sriganganagar	27.9	83	4.4	27.5	4.7
19			Central	Bhawanipatna	27.8	83	4.1	29.2	5.1
20				Rahuri	28.4	82	4.4	29.6	6.2
21				Talod	26.6	80	4.3	27.8	5.6
22			South	Coimbatore	27.4	81	4.2	27.6	5.9
23				Lam	26.5	81	2.2	30.8	5.8
24				Raichur	27.3	84	4.4	32.5	5.0
25	704	RAHC 1021	North	Faridkot	28.1	82	5.3	29.4	4.6
26				Sriganganagar	28.4	83	4.2	29.5	5.3
27			Central	Bhawanipatna	28.8	84	4.1	29.6	5.7
28				Rahuri	28.2	82	4.4	28.5	6.1
29				Talod	30.3	82	4.6	26.8	5.4
30			South	Coimbatore	28.1	81	4.7	27.2	5.9
31				Lam	28.5	82	3.9	29.8	5.7
32				Raichur	27.3	83	4.8	28.5	4.8
33	705	GJHV 522	North	Faridkot	25.3	80	4.4	24.4	4.6
34				Sriganganagar	24.1	79	3.8	29.8	5.1

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
35			Central	Bhawanipatna	28.5	83	4.8	29.1	4.9
36				Rahuri	28.5	82	4.8	27.3	6.1
37				Talod	26.7	80	5.4	27.6	5.3
38			South	Coimbatore	26.7	81	4.5	27.5	5.6
39				Lam	27.4	81	4.0	28.1	5.6
40				Raichur	29.3	84	5.4	29.2	4.6
41	706	GISV 298	North	Faridkot	25.8	80	5.4	29.0	4.5
42				Sriganganagar	26.1	82	4.5	28.6	4.7
43			Central	Bhawanipatna	27.9	82	4.6	28.6	5.2
44				Rahuri	27.1	81	4.2	27.8	6.0
45				Talod	26.5	80	4.8	29.5	5.7
46			South	Coimbatore	28.1	81	5.0	26.8	5.9
47				Lam	27.0	81	3.8	28.9	6.1
48				Raichur	30.4	82	4.9	30.8	4.9
49	707	F 2639	North	Faridkot	29.4	83	5.0	30.9	4.5
50				Sriganganagar	27.3	82	4.3	29.6	5.2
51			Central	Bhawanipatna	28.5	81	4.4	32.3	6.1
52				Rahuri	29.0	82	4.0	28.0	6.0
53				Talod	28.0	81	4.5	30.0	5.8
54			South	Coimbatore	27.5	81	4.5	28.3	6.0
55				Lam	28.1	82	3.3	29.5	5.5
56				Raichur	30.7	84	4.0	30.3	5.5
57	708	BS 30	North	Faridkot	29.8	86	4.5	32.5	4.9
58				Sriganganagar	27.0	82	4.3	29.9	5.4
59			Central	Bhawanipatna	30.6	82	4.7	30.7	6.4
60				Rahuri	31.7	83	4.0	27.3	6.2
61				Talod	29.8	82	3.7	28.4	5.9
62			South	Coimbatore	30.5	82	4.7	29.0	5.2
63				Lam	28.3	82	3.3	29.4	5.7
64				Raichur	31.0	85	4.7	31.1	5.1
65	709	LC	North	Faridkot	28.2	83	5.0	28.1	4.3
66				Sriganganagar	25.2	81	4.8	26.3	4.8
67			Central	Bhawanipatna	33.8	84	4.5	34.5	6.5
68				Rahuri	28.4	82	4.6	28.4	6.4
69				Talod	27.0	80	5.0	27.9	5.4
70			South	Coimbatore	31.1	87	5.0	33.7	5.4
71				Lam	27.2	81	2.9	29.2	5.8
72				Raichur	30.9	84	4.6	30.8	5.2



Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
73	710	CSH 5640	North	Faridkot	30.5	84	4.6	28.5	4.5
74				Sriganganagar	27.9	82	4.6	28.1	5.1
75			Central	Bhawanipatna	28.8	81	3.9	32.3	6.4
76				Rahuri	29.4	82	4.2	26.3	5.9
77				Talod	28.1	84	4.1	26.6	4.9
78			South	Coimbatore	28.6	86	4.0	30.7	5.9
79				Lam	27.0	81	3.0	29.5	5.8
80				Raichur	27.9	84	4.3	29.9	5.5
81	711	TCH 1819	North	Faridkot	28.6	84	5.2	29.2	5.4
82				Sriganganagar	26.6	82	4.7	26.5	5.4
83			Central	Bhawanipatna	29.7	82	4.6	31.2	6.6
84				Rahuri	29.0	82	4.5	27.6	6.5
85				Talod	29.1	85	4.1	28.6	5.9
86			South	Coimbatore	29.4	85	4.7	31.3	6.7
87				Lam	28.0	82	4.1	28.9	5.9
88				Raichur	28.6	86	4.8	29.0	6.2
89	712	CCH 16-5	North	Faridkot	27.6	83	5.3	30.9	4.6
90				Sriganganagar	26.7	83	4.8	28.5	4.8
91			Central	Bhawanipatna	30.7	82	4.5	31.5	6.7
92				Rahuri	30.7	83	4.6	26.5	6.1
93				Talod	30.9	84	4.2	30.3	5.0
94			South	Coimbatore	28.1	83	5.1	31.8	5.2
95				Lam	27.4	81	3.6	29.8	6.2
96				Raichur	29.8	85	4.7	31.8	5.2
97	713	TCH 1873	North	Faridkot	28.8	85	5.2	31.2	5.5
98				Sriganganagar	25.0	82	4.5	26.3	6.0
99			Central	Bhawanipatna	29.5	82	4.5	31.3	6.8
100				Rahuri	28.7	82	3.9	30.0	6.4
101				Talod	28.0	85	4.1	29.8	6.2
102			South	Coimbatore	29.1	85	3.5	29.6	6.9
103				Lam	25.8	80	3.4	28.3	5.8
104				Raichur	27.4	85	4.6	30.9	5.8
105	714	RS 2818	North	Faridkot	27.0	82	4.9	29.6	5.6
106				Sriganganagar	27.8	82	4.5	28.6	5.9
107			Central	Bhawanipatna	27.3	81	3.6	30.7	6.4
108				Rahuri	27.8	82	4.5	27.3	6.1
109				Talod	27.7	84	4.5	26.8	5.2
110			South	Coimbatore	27.9	83	4.3	30.1	6.2
111				Lam	27.1	81	3.3	31.1	6.2
112				Raichur	27.6	82	4.5	29.3	5.9

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
113	715	ARBC 1601	North	Faridkot	26.2	80	5.2	28.6	4.8
114				Sriganganagar	25.6	80	5.3	25.9	4.7
115			Central	Bhawanipatna	26.7	80	5.0	28.9	5.8
116				Rahuri	27.7	81	5.3	27.0	6.1
117				Talod	28.9	82	3.8	27.8	5.5
118			South	Coimbatore	26.4	82	4.5	28.1	5.4
119				Lam	25.9	80	5.6	29.4	6.2
120				Raichur	26.2	82	4.9	27.2	5.0
121	716	RHC 1333	North	Faridkot	27.8	82	4.3	26.9	4.5
122				Sriganganagar	26.1	81	3.7	24.9	4.8
123			Central	Bhawanipatna	29.5	82	3.7	29.2	5.9
124				Rahuri	27.7	81	5.3	27.0	6.1
125				Talod	30.4	84	3.2	26.2	5.3
126			South	Coimbatore	29.4	86	3.5	29.3	5.4
127				Lam	27.6	81	3.1	28.9	5.5
128				Raichur	28.1	83	4.1	27.4	5.1
129	717	RHHC 1020	North	Faridkot	26.9	84	4.9	27.1	5.0
130				Sriganganagar	27.7	85	4.2	30.0	5.0
131			Central	Bhawanipatna	29.3	83	4.3	29.3	5.5
132				Rahuri	30.9	83	4.5	26.8	6.5
133				Talod	33.5	73	4.6	28.3	5.1
134			South	Coimbatore	29.7	87	4.3	29.5	6.0
135				Lam	30.3	83	3.1	32.9	6.3
136				Raichur	29.3	85	4.8	30.7	5.6
137	718	H 1506	North	Faridkot	26.7	84	5.0	29.2	5.1
138				Sriganganagar	29.0	82	4.1	29.0	5.2
139			Central	Bhawanipatna	26.5	82	3.7	26.1	6.0
140				Rahuri	28.3	82	4.6	28.0	6.1
141				Talod	28.9	85	5.0	24.9	4.9
142			South	Coimbatore	27.3	83	4.6	29.7	5.5
143				Lam	26.7	81	3.4	29.8	6.0
144				Raichur	26.7	85	5.0	30.0	5.3
145	719	CSH 31292	North	Faridkot	26.9	83	5.0	28.6	5.0
146				Sriganganagar	27.8	84	4.4	28.8	5.3
147			Central	Bhawanipatna	28.0	83	3.6	27.7	6.1
148				Rahuri	28.3	82	4.7	27.5	6.1
149				Talod	29.7	85	4.6	28.6	5.4
150			South	Coimbatore	29.1	86	4.5	29.8	5.5
151				Lam	28.5	82	3.0	32.1	6.2
152				Raichur	27.2	83	4.4	30.4	5.9

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
153	720	CCH 16-6	North	Faridkot	27.5	84	5.0	30.1	4.5
154				Sriganganagar	26.2	82	5.1	26.6	4.7
155			Central	Bhawanipatna	33.3	88	4.4	33.5	5.3
156				Rahuri	27.5	82	4.2	28.0	6.1
157				Talod	Sample not received				
158			South	Coimbatore	32.2	87	4.7	33.7	5.5
159				Lam	28.8	82	2.6	32.2	6.1
160				Raichur	Sample not received				

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

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
1	751	CNH 1560	Central	Akola	30.6	83	3.6	29.1	5.3
2				Nanded	28.2	82	4.1	27.5	5.8
3				Surat	30.9	83	3.3	28.4	5.5
4			South	Nandyal	30.2	83	3.8	32.7	
5	752	DSC 1651	Central	Akola	30.2	81	4.7	29.2	5.3
6				Nanded	27.8	81	4.4	27.2	5.5
7				Surat	28.7	82	4.6	27.6	5.9
8			South	Nandyal	30.6	85	3.6	33.7	
9	753	LHDP 2	Central	Akola	30.5	80	4.1	25.2	4.8
10				Nanded	28.3	80	4.3	24.6	5.3
11				Surat	27.2	81	3.9	27.5	5.8
12			South	Nandyal	30.1	86	4.3	32.8	
13	754	ARBC 1651	Central	Akola	28.5	81	4.0	27.5	5.3
14				Nanded	28.4	81	4.2	25.6	5.7
15				Surat	27.5	81	4.6	27.4	5.9
16			South	Nandyal	27.0	81	3.8	29.5	
17	755	RAHC 1020	Central	Akola	32.5	85	4.3	27.7	5.0
18				Nanded	32.3	83	3.8	28.6	5.3
19				Surat	33.9	84	3.5	30.1	5.9
20			South	Nandyal	33.7	84	3.6	34.9	
21	756	Local Check	Central	Akola	27.5	81	4.6	25.3	5.6
22				Nanded	28.1	80	4.1	26.3	5.8
23				Surat	27.2	81	4.7	27.5	5.9
24			South	Nandyal	29.8	83	4.2	32.0	
25	757	CNH09-4	Central	Akola	29.5	85	3.8	28.5	5.1
26				Nanded	29.7	84	3.7	29.8	5.6
27				Surat	28.5	82	3.6	28.6	6.2
28			South	Nandyal	30.7	86	4.5	33.7	

<b>Sr. No.</b>	<b>Code No.</b>	<b>Entry Name</b>	<b>Zone</b>	<b>Location</b>	<b>UHML (mm)</b>	<b>UI</b>	<b>Mic</b>	<b>Str (g/tex)</b>	<b>E%</b>
29	758	AKH 13-55	Central	Akola	28.1	80	5.1	24.6	4.9
30				Nanded	27.3	80	4.3	26.8	5.4
31				Surat	25.3	80	5.0	26.4	5.8
32			South	Nandyal	25.7	80	4.0	27.7	
33	759	CCH 16-7	Central	Akola	31.5	84	4.8	29.2	5.0
34				Nanded	28.5	83	4.1	27.9	6.0
35				Surat	30.9	83	4.5	26.0	6.0
36			South	Nandyal	31.8	86	3.9	32.9	
37	760	CNH 1123	Central	Akola	28.3	83	3.8	25.3	5.4
38				Nanded	27.9	82	3.9	26.5	5.8
39				Surat	29.5	83	3.9	26.7	5.9
40			South	Nandyal	29.7	83	3.4	31.1	
41	761	CNH 75	Central	Akola	29.3	83	4.4	26.8	5.1
42				Nanded	26.8	82	4.0	25.3	5.3
43				Surat	27.8	84	4.6	27.5	5.8
44			South	Nandyal	28.1	83	4.4	30.6	
45	762	CCH 16-8	Central	Akola	31.2	86	3.6	28.0	5.3
46				Nanded	30.2	82	3.6	27.4	5.5
47				Surat	31.0	83	3.7	25.8	6.0
48			South	Nandyal	32.2	82	4.2	33.2	
49	763	BS 30	Central	Akola	30.8	83	3.7	25.8	5.5
50				Nanded	27.9	81	4.6	27.2	5.9
51				Surat	30.0	83	3.6	24.6	5.9
52			South	Nandyal	27.7	81	4.1	29.1	
53	764	CNH 09-62	Central	Akola	29.9	85	4.5	28.2	4.9
54				Nanded	30.4	81	4.0	27.6	5.6
55				Surat	30.0	82	4.6	24.5	5.6
56			South	Nandyal	30.5	85	3.9	33.0	
57	765	RAHC 1021	Central	Akola	28.6	81	4.0	25.6	5.2
58				Nanded	28.9	81	3.7	25.2	6.1
59				Surat	31.8	84	3.9	26.7	6.1
60			South	Nandyal	30.0	82	3.1	31.0	
61	766	CNH 1122	Central	Akola	30.1	84	4.0	27.8	6.4
62				Nanded	30.9	83	3.3	28.4	5.5
63				Surat	27.2	81	3.8	28.7	6.3
64			South	Nandyal	29.6	86	4.1	32.6	

**Br 12 a. IET of G. barbadense**

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
1	801	DB-1601	Central	Rahuri	34.1	84	3.6	35.8	7.4
2				Surat	34.7	88	4	35.5	6.9
3			South	Coimbatore	31.7	85	3.4	31.3	7.1
4				Lam	35.9	85	3.6	36.4	7.3
5	802	CCB 51	Central	Rahuri	39.2	86	3.6	35.2	6.6
6				Surat	37.7	92	3.6	38.6	5.4
7			South	Coimbatore	31.7	83	2.6	33.0	6.3
8				Lam	39.0	86	2.9	39.0	6.4
9	803	RHCb 1014	Central	Rahuri	28.0	82	4.6	29.7	7.0
10				Surat	31.3	86	4.5	33.0	7.1
11			South	Coimbatore	31.9	83	3.8	29.0	6.2
12				Lam	30.3	83	3.9	30.83	6.9
13	804	Suvin (CC)	Central	Rahuri	39.0	86	3.5	38.1	6.9
14				Surat	37.0	89	3.6	38.9	5.4
15			South	Coimbatore	31.3	83	2.2	33.1	6.0
16				Lam	38.0	86	3.0	37.7	6.5
17	805	SB SG 1-5	Central	Rahuri	40.7	86	3.3	41.3	7.8
18				Surat	36.7	89	3.6	39.1	5.6
19			South	Coimbatore	31.2	83	3.0	31.7	6.3
20				Lam	38.9	86	3.1	38.5	6.6
21	806	CCB 143	Central	Rahuri	39.0	86	3.5	39.0	7.4
22				Surat	36.5	90	3.7	34.6	6.8
23			South	Coimbatore	32.3	83	3.4	32.9	6.3
24				Lam					
25	807	DB 1602	Central	Rahuri	34.6	86	4.6	33.5	7.1
26				Surat	35.4	88	4.3	34.2	6.7
27			South	Coimbatore	33.9	84	3.8	34	7.1
28				Lam	35.2	85	3.6	37	6.9

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

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
1	811	DHB 1601	Central	Anand	34.7	84	3.7	32.4	4.9
2				Banswara	35.9	87	3.2	32.0	5.4
3				Rahuri	41.5	87	3.3	36.7	6.7
4			South	Coimbatore	35.8	89	2.7	31.4	6.2
5				Dharwad (KSSC)	36.0	83	2.9	35.7	
6				Lam	37.5	86	2.8	35.4	6.2

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
7	812	CCHB 20	Central	Anand	34.7	86	3.4	33.6	5.2
8				Banswara	37.1	89	2.8	34.4	5.2
9				Rahuri	38.9	86	3.0	36.0	6.6
10			South	Coimbatore	35.3	87	2.5	31.2	5.8
11				Dharwad (KSSC)	37.6	84	2.7	36.8	
12				Lam	38.8	86	2.6	37.7	6.2
13	813	DCH 32(CC)	Central	Anand	33.4	86	3.7	32.8	5.2
14				Banswara	36.2	87	3.0	32.0	5.6
15				Rahuri	38.1	86	3.6	35.5	6.9
16			South	Coimbatore	32.6	83	3.1	32.2	6.7
17				Dharwad (KSSC)	36.1	85	3.2	33.9	
18				Lam	35.7	85	3.0	32.2	6.2
19	814	Local Check	Central	Anand	32.7	83	3.7	32.4	5.1
20				Banswara	36.5	88	3.2	36.2	5.9
21				Rahuri	36.0	85	3.7	39.0	7.9
22			South	Coimbatore	32.2	83	3.0	32.5	6.6
23				Dharwad (KSSC)	33.4	85	3.1	33.7	
24				Lam	34.3	84	2.9	32.8	6.4
25	815	ARBHB-1601	Central	Anand	32.1	83	3.5	33.8	5.4
26				Banswara	34.3	86	2.9	31.8	5.7
27				Rahuri	34.2	84	4.1	33.6	6.9
28			South	Coimbatore	30.8	82	3.5	32.4	6.7
29				Dharwad (KSSC)	32.7	85	3.0	33.8	
30				Lam	34.1	85	3.2	34.1	6.5
31	816	LAHB-1	Central	Anand	36.0	88	3.2	36.6	5.4
32				Banswara	36.7	88	2.8	34.4	5.6
33				Rahuri	40.1	86	3.6	38.8	7.3
34			South	Coimbatore	32.5	83	3.0	34.9	7.1
35				Dharwad (KSSC)	36.3	85	2.7	36.2	
36				Lam	38.8	86	2.8	37.6	6.3
37	817	DHB 1602	Central	Anand	33.2	87	3.3	33.3	5.4
38				Banswara	35.4	88	3.0	30.5	5.8
39				Rahuri	36.1	85	3.5	36.9	7.1
40			South	Coimbatore	32.8	83	3.0	35.2	7.3
41				Dharwad (KSSC)	32.5	85	2.9	31.2	
42				Lam	35.2	85	3.0	33.2	6.2
43	818	ARBHB -1602	Central	Anand	31.9	85	3.8	33.5	5.4
44				Banswara	34.0	87	3.2	30.5	5.6
45				Rahuri	33.3	84	3.0	33.5	6.8
46			South	Coimbatore	31.4	83	3.0	35.3	7.1
47				Dharwad (KSSC)	32.9	84	2.7	33.2	
48				Lam	33.0	84	3.1	31.9	6.1

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

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
1	851	DWDa 1602	Central	Akola	29.4	83	4.7	26.1	5.0
2				Amreli	28.4	82	5.0	26.7	5.7
3				Bharuch	27.6	81	3.4	27.7	5.7
4				Jalgaon	28.2	82	4.4	25.0	5.4
5				Nagpur	28.1	81	4.6	26.0	5.9
6				Parbhani	26.7	80	5.2	26.3	5.8
7			North	Bhatinda	30.8	84	5.2	30.6	4.5
8				Faridkot	31.0	84	4.9	28.0	4.3
9				Kanpur	25.3	79	5.5	25.6	5.5
10				SGNR	28.2	81	5.3	26.6	4.4
11				Sirsa	26.8	81	4.8	25.0	4.9
12			South	Nandyal	29.2	83	5.0	30.0	
13	852	JLA 1110	Central	Akola	28.1	82	5.5	27.1	4.9
14				Amreli	23.6	79	5.4	25.3	5.7
15				Bharuch	24.5	80	5.0	26.3	5.7
16				Jalgaon	28.1	81	5.1	26.2	5.3
17				Nagpur	26.0	80	5.0	26.8	5.8
18				Parbhani	25.2	79	5.5	25.1	5.7
19			North	Bhatinda	28.5	82	5.7	31.2	4.6
20				Faridkot	28.2	82	5.9	30.6	4.9
21				Kanpur	25.3	79	5.4	25.1	5.7
22				SGNR	27.1	82	5.5	27.0	4.5
23				Sirsa	28.1	83	4.9	29.9	4.6
24	South	Nandyal	26.9	80	5.5	27.3			
25	853	PBD 10	Central	Akola	23.3	75	6.7	24.4	6.6
26				Amreli	24.3	79	4.9	25.4	5.6
27				Bharuch	21.7	77	4.7	25.5	6.1
28				Jalgaon	23.2	74	7.0		
29				Nagpur	24.7	79	5.4	26.1	5.7
30				Parbhani	22.3	77	6.9	24.7	6.1
31			North	Bhatinda	24.2	79	6.8	25.6	5.5
32				Faridkot	22.7	76	6.7	25.8	5.5
33				Kanpur	23.1	78	7.2	24.9	5.6
34				SGNR	27.0	83	5.6	28.3	4.8
35				Sirsa	21.4	74	4.6	22.6	5.5
36	South	Nandyal	23.9	81	5.3	25.6			

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
37	854	CNA-1032	Central	Akola	28.8	84	5.6	30.1	5.2
38				Amreli	23.0	78	5.4	25.2	6.1
39				Bharuch	24.9	79	4.3	27.4	6.0
40				Jalgaon	27.0	80	5.9	28.1	5.6
41				Nagpur	25.5	79	5.2	26.5	6.0
42				Parbhani	24.1	78	5.3	26.0	6.0
43			North	Bhatinda	26.7	81	5.2	30.5	4.9
44				Faridkot	27.4	83	5.6	33.2	4.5
45				Kanpur	25.8	80	5.4	26.3	5.6
46				SGNR	27.8	80	5.6	28.1	4.8
47				Sirsa	25.4	81	5.5	26.9	4.9
48				South	Nandyal	25.3	83	5.5	27.2
49	855	FDK 272	Central	Akola	22.9	75	7.0		
50				Amreli	22.0	79	7.0		
51				Bharuch	23.9	75	5.4	26.9	6.1
52				Jalgaon	27.4	81	5.6	28.2	5.9
53				Nagpur	25.1	79	6.9	26.1	6.0
54				Parbhani	26.7	80	5.4	26.5	6.2
55			North	Bhatinda	23.2	77	Above 7.0		
56				Faridkot	23.1	77	6.8	28.0	4.7
57				Kanpur	23.2	78	6.8	25.2	5.3
58				SGNR	22.2	76	6.4	27.9	4.9
59				Sirsa	20.9	74	Above 7.0		
60				South	Nandyal	21.0	80	5.0	22.0
61	856	GAM 236	Central	Akola	28.9	81	5.6	27.9	5.3
62				Amreli	25.9	80	5.5	26.2	5.9
63				Bharuch	26.2	80	4.9	28.0	6.0
64				Jalgaon	27.9	81	5.4	28.1	5.8
65				Nagpur	27.4	81	4.9	26.3	5.8
66				Parbhani	28.7	81	5.5	27.2	6.0
67			North	Bhatinda	29.1	82	5.3	32.2	4.5
68				Faridkot	29.2	84	5.4	31.5	4.7
69				Kanpur	26.7	80	5.4	25.9	5.2
70				SGNR	27.4	82	5.7	26.4	4.5
71				Sirsa	24.5	80	5.5	23.9	4.9
72				South	Nandyal	27.2	82	5.4	29.1
73	857	LC	Central	Akola	27.3	82	5.5	29.0	5.6
74				Amreli	25.1	80	5.4	25.8	5.8
75				Bharuch	25.5	80	4.7	28.1	5.9
76				Jalgaon	25.0	79	5.0	26.7	5.9
77				Nagpur	25.2	79	5.0	26.5	5.9
78				Parbhani	24.6	79	5.4	26.1	6.1



Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%		
79			North	Bhatinda	20.5	76	Above 7.0				
80				Faridkot	22.1	74	6.5	24.5	6.0		
81				Kanpur	24.7	79	5.5	25.4	5.5		
82				SGNR	23.3	76	Above 7.0				
83				Sirsa	19.7	74	Above 7.0				
84			South	Nandyal	23.9	82	6.1	25.3			
85	858	JLA 1122	Central	Akola	28.5	82	5.4	29.5	5.1		
86				Amreli	26.3	82	5.8	30.5	4.8		
87				Bharuch	25.2	80	4.9	27.0	6.1		
88				Jalgaon	25.7	80	5.1	27.3	6.1		
89				Nagpur	27.0	82	5.4	29.5	5.7		
90				Parbhani	24.4	79	5.4	26.0	5.8		
91			North	Bhatinda	27.1	83	5.6	32.1	5.0		
92				Faridkot	27.6	82	5.5	29.3	4.5		
93				Kanpur	20.4	75	7.2	24.5	5.8		
94				SGNR	23.4	78	6.7	24.0	5.0		
95				Sirsa	25.1	82	5.4	25.6	5.3		
96			South	Nandyal	25.6	80	5.8	27.8			
97			859	CISA 333	Central	Akola	25.9	79	6.2	27.6	5.4
98						Amreli	22.3	77	7.2	25.2	5.9
99	Bharuch	23.8				78	5.5	26.6	6.1		
100	Jalgaon	23.4				78	5.3	25.7	6.2		
101	Nagpur	23.8				78	5.6	25.7	6.1		
102	Parbhani	26.7				80	5.4	25.9	6.1		
103	North	Bhatinda			25.5	78	6.4	27.5	5.1		
104		Faridkot			26.0	80	6.2	28.6	5.3		
105		Kanpur			22.2	77	7.3	25.1	5.8		
106		SGNR			25.3	80	6.1	27.7	5.0		
107		Sirsa			23.1	79	5.3	23.3	6.8		
108	South	Nandyal	25.6	83	5.6	27.4					
109	860	PA 828	Central	Akola	29.0	82	5.1	28.7	5.7		
110				Amreli	27.2	81	5.2	26.6	5.7		
111				Bharuch	26.2	80	4.7	28.1	6.3		
112				Jalgaon	26.7	80	Above 7.0				
113				Nagpur	28.1	82	4.6	31.3	6.4		
114				Parbhani	25.1	79	5.3	25.8	6.2		
115			North	Bhatinda	29.1	83	5.8	31.7	5.1		
116				Faridkot	27.0	84	6.0	31.2	4.9		
117				Kanpur	27.0	80	5.4	26.7	5.6		
118				SGNR	26.3	80	5.7	28.2	4.7		
119				Sirsa	27.8	82	5.6	25.9	5.1		
120				South	Nandyal	27.4	84	5.8	28.0		

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
121	861	RG 804	Central	Akola	19.4	70	Above 7.0		
122				Amreli	18.7	75	Above 7.0		
123				Bharuch	25.3	80	5.7	26.2	5.9
124				Jalgaon	26.2	80	Above 7.0		
125				Nagpur	21.0	74	6.8	22.0	5.0
126				Parbhani	21.4	73	Above 7.0		
127			North	Bhatinda	19.2	73	Above 7.0		
128				Faridkot	20.8	72	Above 7.0		
129				Kanpur	24.6	79	5.5	25.7	5.8
130				SGNR	20.5	73	Above 7.0		
131				Sirsa	17.8	70	Above 7.0		
132			South	Nandyal	18.0	82	6.7	18.7	
133			862	ZC	Central	Akola	27.4	83	5.0
134	Amreli	25.2				80	5.4	26.0	5.5
135	Bharuch	26.3				80	4.2	28.0	6.1
136	Jalgaon	25.9				80	5.3	26.9	6.2
137	Nagpur	26.6				82	5.0	27.9	5.8
138	Parbhani	24.6				79	5.2	25.6	5.7
139	North	Bhatinda			22.1	76	Above 7.0		
140		Faridkot			21.6	76	Above 7.0		
141		Kanpur			25.6	79	5.7	25.3	5.3
142		SGNR			23.7	75	Above 7.0		
143		Sirsa			20.1	75	Above 7.0		
144	South	Nandyal	28.8	84	5.4	30.1			
145	863	HD 521	Central	Akola	26.6	80	5.5	26.0	5.7
146				Amreli	25.0	79	5.5	25.6	5.6
147				Bharuch	23.5	78	5.1	25.7	6.1
148				Jalgaon	23.5	78	5.3	25.9	6.1
149				Nagpur	24.1	78	5.0	24.7	6.5
150				Parbhani	24.8	79	5.4	25.0	5.6
151			North	Bhatinda	25.2	81	6.8	23.9	5.3
152				Faridkot	26.4	81	6.3	25.0	5.0
153				Kanpur	22.3	77	7.2	24.8	5.6
154				SGNR	24.2	79	6.7	22.0	5.3
155				Sirsa	23.5	79	6.7	21.1	5.8
156	South	Nandyal	24.1	82	5.8	24.8			
157	864	RAAS 602	Central	Akola	30.4	84	4.5	33.1	5.1
158				Amreli	24.8	79	5.2	25.2	5.6
159				Bharuch	25.3	80	4.8	26.8	5.9
160				Jalgaon	25.9	80	4.8	27.2	6.0
161				Nagpur	27.5	83	4.1	31.6	5.6
162				Parbhani	25.0	79	5.5	25.2	6.1

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%		
163			North	Bhatinda	30.0	84	5.0	30.4	4.8		
164				Faridkot	27.0	82	5.2	30.5	5.0		
165				Kanpur	24.8	79	5.5	25.2	5.2		
166				SGNR	29.3	82	4.7	27.2	4.8		
167				Sirsa	24.7	77	6.2	24.6	5.0		
168			South	Nandyal	26.3	83	5.3	28.2			
169	865	RG 801	Central	Akola	19.6	71	Above 7.0				
170				Amreli	20.2	74	Above 7.0				
171				Bharuch	25.4	80	5.7	26.2	6.5		
172				Jalgaon	18.5	73	7.4	24.4	6.1		
173				Nagpur	21.2	75	Above 7.0				
174				Parbhani	22.6	76	Above 7.0				
175			North	Bhatinda	20.2	72	Above 7.0				
176				Faridkot	21.4	75	6.5	23.2	6.3		
177				Kanpur	21.6	76	6.8	24.7	5.7		
178				SGNR	20.5	73	Above 7.0				
179				Sirsa	21.6	76	Above 7.0				
180			South	Nandyal	18.8	80	7.1	19.3			
181			866	PBD 20	Central	Akola	25.5	80	6.6	26.4	4.8
182						Amreli	23.3	78	5.5	25.6	6.0
183	Bharuch	24.3				79	5.4	26.3	5.5		
184	Jalgaon	22.2				77	5.2	25.4	5.8		
185	Nagpur	24.1				77	5.7	24.8	5.8		
186	Parbhani	24.0				78	5.4	25.7	6.1		
187	North	Bhatinda			27.5	80	6.9	28.8	5.5		
188		Faridkot			25.8	78	6.6	25.3	4.8		
189		Kanpur			24.6	79	5.5	25.4	5.0		
190		SGNR			27.7	81	6.8	24.2	4.5		
191		Sirsa			23.4	78	6.9	22.6	5.2		
192	South	Nandyal	25.9	81	6.4	27.7					
193	867	CAN 1031	Central	Akola	28.4	83	5.7	30.5	5.6		
194				Amreli	24.1	79	5.4	25.6	6.0		
195				Bharuch	24.8	80	4.7	27.4	6.1		
196				Jalgaon	24.4	79	4.9	26.9	6.1		
197				Nagpur	26.8	82	5.6	28.4	6.3		
198				Parbhani	24.8	79	5.4	25.4	5.8		
199			North	Bhatinda	29.1	81	5.5	29.1	4.4		
200				Faridkot	29.3	82	5.7	32.0	4.8		
201				Kanpur	24.5	79	5.4	26.1	5.6		
202				SGNR	29.0	82	6.1	30.8	4.7		
203				Sirsa	25.7	82	6.1	22.6	5.2		
204				South	Nandyal	25.4	82	5.8	27.1		

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%		
205	868	AKA 2013-21	Central	Akola	29.0	82	5.2	31.1	5.4		
206				Amreli	24.9	79	5.4	26.7	6.1		
207				Bharuch	26.5	80	4.2	27.6	6.0		
208				Jalgaon	25.9	80	5.0	26.9	5.9		
209				Nagpur	26.7	83	5.2	29.7	5.4		
210				Parbhani	25.2	79	5.0	25.7	6.2		
211			North	Bhatinda	29.4	82	6.3	29.3	5.1		
212				Faridkot	27.8	82	5.6	30.6	4.8		
213				Kanpur	24.5	79	5.4	25.4	5.4		
214				SGNR	29.0	82	5.7	29.4	4.5		
215				Sirsa	26.9	81	5.8	25.4	5.2		
216			South	Nandyal	26.2	80	6.0	28.5			
217			869	FDK 265	Central	Akola	22.2	75	6.8	25.5	5.6
218						Amreli	19.6	78	Above 7.0		
219						Bharuch	25.3	80	5.5	26.3	5.6
220	Jalgaon	19.8				75	Above 7.0				
221	Nagpur	19.9				76	6.3	23.1	6.0		
222	Parbhani	23.3				74	6.8	22.1	5.3		
223	North	Bhatinda			23.0	75	Above 7.0				
224		Faridkot			21.3	75	Above 7.0				
225		Kanpur			25.3	79	5.7	25.3	5.8		
226		SGNR			23.7	76	Above 7.0				
227		Sirsa			19.2	73	Above 7.0				
228	South	Nandyal			18.2	80	6.5	19.0			
229	870	RAAS 601			Central	Akola	30.1	82	4.5	31.5	5.5
230			Amreli	27.2		81	5.0	26.5	6.0		
231			Bharuch	25.6		80	4.9	26.7	5.5		
232			Jalgaon	25.7		80	5.5	27.1	6.1		
233			Nagpur	28.6		81	4.9	29.8	5.4		
234			Parbhani	25.6		79	5.6	27.3	6.0		
235			North	Bhatinda	27.8	81	6.1	29.8	4.5		
236				Faridkot	25.6	80	6.4	28.3	4.2		
237				Kanpur	24.0	78	5.4	25.2	5.4		
238				SGNR	28.4	81	5.9	27.4	4.4		
239				Sirsa	25.9	80	5.6	25.4	4.9		
240	South	Nandyal	28.2	84	5.6	30.8					
241	871	CAN 2030	Central	Akola	31.6	81	5.1	28.9	5.5		
242				Amreli	26.2	80	5.4	26.3	5.9		
243				Bharuch	26.4	80	4.6	27.9	6.0		
244				Jalgaon	Sample not received						
245				Nagpur	27.1	81	5.0	26.2	6.1		
246				Parbhani	26.2	80	4.7	25.7	5.8		

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%		
247			North	Bhatinda	32.2	81	5.6	30.8	5.2		
248				Faridkot	30.2	83	4.8	29.0	4.6		
249				Kanpur	26.1	80	5.4	25.9	5.4		
250				SGNR	30.4	82	5.5	29.4	5.5		
251				Sirsa	27.1	81	5.3	24.3	5.2		
252			South	Nandyal	26.1	81	5.7	27.4			
253	872	GAM 223	Central	Akola	30.5	83	4.6	30.0	5.3		
254				Amreli	26.2	80	5.4	26.7	6.1		
255				Bharuch	27.6	81	4.7	29.1	6.0		
256				Jalgaon	Sample not received						
257				Nagpur	28.6	82	4.5	30.4	5.6		
258			Parbhani	24.8	79	4.9	25.2	5.8			
259			North	Bhatinda	30.7	83	5.8	30.0	4.7		
260				Faridkot	29.7	83	5.2	31.2	4.5		
261				Kanpur	26.4	80	5.1	26.4	5.6		
262				SGNR	30.4	82	5.2	28.7	4.7		
263				Sirsa	27.1	80	5.2	26.6	5.0		
264			South	Nandyal	28.3	83	5.2	31.3			
265			873	MBDCV 1604	Central	Akola	26.3	83	6.1	26.2	5.3
266						Amreli	25.7	82	6.7	25.7	4.8
267	Bharuch	26.4				80	5.3	25.9	5.4		
268	Jalgaon	Sample not received									
269	Nagpur	25.2				80	5.3	24.7	5.4		
270	Parbhani	28.8			81	5.5	26.3	5.8			
271	North	Bhatinda			28.0	82	6.6	31.1	4.6		
272		Faridkot			27.6	83	6.2	28.3	4.2		
273		Kanpur			25.1	80	5.6	26.5	5.7		
274		SGNR			26.4	81	6.6	25.6	4.3		
275		Sirsa			22.1	76	6.1	22.9	4.7		
276	South	Nandyal	25.1	82	6.3	27.3					
277	874	CISA 1793	Central	Akola	24.5	77	6.7	23.9	5.6		
278				Amreli	24.7	82	6.7	25.2	4.8		
279				Bharuch	25.7	80	5.4	26.4	5.9		
280				Jalgaon	20.7	75	5.6	24.8	6.4		
281				Nagpur	23.6	77	5.6	28.9	6.2		
282				Parbhani	24.3	76	6.6	24.1	6.4		
283			North	Bhatinda	23.4	78	Above 7.0				
284				Faridkot	25.3	76	6.9	23.6	6.0		
285				Kanpur	25.0	79	5.4	25.5	5.4		
286				SGNR	23.0	78	6.3	24.3	5.0		
287				Sirsa	20.9	76	6.8	21.8	5.4		
288	South	Nandyal	21.4	80	5.9	22.3					

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
289	875	DWDa 1601	Central	Akola	31.5	85	4.4	28.3	5.0
290				Amreli	29.2	83	4.5	27.1	5.1
291				Bharuch	29.3	82	3.6	27.4	5.8
292				Jalgaon	26.9	80	3.7	27.0	5.6
293				Nagpur	28.5	83	4.0	26.4	4.9
294				Parbhani	27.1	80	4.1	26.2	5.6
295			North	Bhatinda	28.4	84	5.7	28.1	4.5
296				Faridkot	31.1	85	4.4	29.2	4.3
297				Kanpur	27.7	81	5.0	26.8	5.7
298				SGNR	27.3	79	4.5	27.0	4.7
299			Sirsa	28.8	83	4.6	24.9	5.0	
300			South	Nandyal	29.1	83	4.9	30.2	
301	876	PA 810	Central	Akola	34.4	86	4.4	31.7	5.0
302				Amreli	31.0	83	5.0	26.1	6.2
303				Bharuch	30.5	83	4.0	27.4	6.0
304				Jalgaon	30.0	82	4.7	25.7	5.9
305				Nagpur	33.1	85	3.7	33.5	5.7
306				Parbhani	30.1	82	4.6	24.8	6.1
307			North	Bhatinda	30.4	85	5.1	33.8	4.6
308				Faridkot	32.6	84	4.7	31.8	4.5
309				Kanpur	30.9	82	5.2	28.7	5.8
310				SGNR	30.4	84	5.1	30.4	4.5
311			Sirsa	28.9	84	4.6	29.1	4.9	
312			South	Nandyal	31.3	83	4.8	33.0	

**Br. 22 a/b IET of G. arboreum Long Linted**

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
1	881	PA 793	Central	Amreli	29.6	82	5.0	27.5	6.0
2				Parbhani	31.4	83	3.4	30.4	5.6
3			North	Sirsa	30.0	83	5.1	32.0	4.7
4			South	Nandyal	29.7	81	5.1	32.2	
5	882	ZC	Central	Amreli	26.2	80	5.4	26.0	5.8
6				Parbhani	26.0	80	4.8	27.5	5.7
7			North	Sirsa	29.2	84	5.1	31.4	4.7
8			South	Nandyal	26.5	82	5.4	28.6	
9	883	PAIG 77	Central	Amreli	28.3	82	5.0	25.7	6.6
10				Parbhani	29.0	82	4.2	26.1	5.6
11			North	Sirsa	28.2	82	5.4	30.5	4.6
12			South	Nandyal	29.5	82	5.1	30.7	

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
13	884	PA 781	Central	Amreli	28.9	82	5.0	27.2	6.0
14				Parbhani	32.4	84	3.8	30.4	5.7
15			North	Sirsa	29.5	84	5.0	30.6	4.7
16			South	Nandyal	29.6	84	5.0	32.3	
17	885	PAIG 326	Central	Amreli	28.3	82	5.5	26.8	6.0
18				Parbhani	25.7	80	5.1	26.7	5.4
19			North	Sirsa	27.5	81	5.5	30.4	4.8
20			South	Nandyal	27.3	83	5.8	29.3	
21	886	PA 827	Central	Amreli	26.9	81	5.9	26.4	5.9
22				Parbhani	30.3	83	3.8	25.5	5.5
23			North	Sirsa	26.2	81	5.7	28.1	5.0
24			South	Nandyal	27.5	82	5.1	29.9	
25	887	PAIG 373	Central	Amreli	31.2	83	5.2	27.3	5.7
26				Parbhani	27.1	81	5.4	26.7	5.8
27			North	Sirsa	21.8	78	above 7.0		
28			South	Nandyal	29.5	83	4.9	31.2	
29	888	PAIG 368	Central	Amreli	28.4	82	4.9	26.5	5.8
30				Parbhani	31.0	83	5.0	24.6	5.5
31			North	Sirsa	22.7	76	above 7.0		
32			South	Nandyal	26.9	83	5.1	29.2	
33	889	PA255	Central	Amreli	28.2	82	5.2	26.6	5.8
34				Parbhani	31.6	83	4.2	26.0	4.9
35			North	Sirsa	20.2	74	above 7.0		
36			South	Nandyal	28.4	84	5.0	30.7	
37	890	PA778	Central	Amreli	27.7	81	5.2	26.0	5.5
38				Parbhani	28.0	81	4.8	26.0	4.9
39			North	Sirsa	26.5	82	5.8	30.9	4.7
40			South	Nandyal	26.7	82	5.4	29.0	
41	891	PA363	Central	Amreli	28.0	82	5.4	26.1	6.0
42				Parbhani	31.0	83	4.4	26.6	5.6
43			North	Sirsa	30.3	84	5.5	31.4	4.3
44			South	Nandyal	27.7	83	5.2	29.9	
45	892	PA 760	Central	Amreli	30.4	82	5.0	26.4	5.8
46				Parbhani	26.4	80	5.0	27.2	5.8
47			North	Sirsa	28.6	82	5.4	28.7	4.5
48			South	Nandyal	28.2	83	4.9	31.0	
49	893	PA 788	Central	Amreli	29.0	82	5.4	26.9	6.2
50				Parbhani	27.5	81	5.0	27.2	5.9
51			North	Sirsa	24.8	80	6.6	27.0	4.8
52			South	Nandyal	28.5	83	4.9	30.8	

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%	
53	894	PA 08	Central	Amreli	26.4	81	5.2	25.8	6.0	
54				Parbhani	27.8	81	4.6	27.3	5.3	
55			North	Sirsa	25.1	80	6.4	24.7	5.9	
56			South	Nandyal	27.7	81	5.3	30.3		
57	895	LC	Central	Amreli	25.4	80	5.4	25.5	6.5	
58				Parbhani	26.4	81	4.9	28.3	5.6	
59			North	Sirsa	Sample not received					
60			South	Nandyal	27.2	80	5.3	29.1		
61	896	PA 796	Central	Amreli	28.3	82	5.0	24.7	5.4	
62				Parbhani	29.7	82	4.3	24.6	5.5	
63			North	Sirsa	Sample not received					
64			South	Nandyal	28.7	83	5.1	29.9		
65	897	PA 808	Central	Amreli	29.9	83	5.2	26.8	5.9	
66				Parbhani	31.3	83	4.6	28.3	5.8	
67			North	Sirsa	Sample not received					
68			South	Nandyal	30.3	84	5.0	34.0		
69	898	PA 741	Central	Amreli	30.0	83	5.2	26.0	5.6	
70				Parbhani	31.5	83	4.7	27.7	5.6	
71			North	Sirsa	Sample not received					
72			South	Nandyal	29.5	83	5.1	32.0		

### Br-25a/b PHT of Desi Hybrid

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
1	901	KR 111	Central	Akola	22.3	77	6.8	27.4	5.8
2				Amreli	20.5	77	above 7.0		
3				Bharuch	20.2	75	7.1	25.8	6.4
4				Bilda	20.4	78	6.3	23.2	5.9
5				Parbhani	23.3	75	6.0	24.0	5.9
6				Pachora	20.0	75	6.8	25.0	5.3
7				Surat	21.4	76	6.9	25.2	5.1
8			North	Arya Nagar	20.0	75	6.8	25.0	5.3
9				Bhatinda	23.6	77	above 7.0		
10				Faridkot	22.7	75	above 7.0		
11				Hissar	19.9	75	6.6	24.8	5.4
12				SGNR	23.2	77	6.7	25.5	4.6
13				Sirsa	18.2	72	6.0	22.5	5.7



Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
14	902	GSGDH-528	Central	Akola	28.9	84	4.2	28.3	4.8
15				Amreli	26.2	81	6.0	24.9	4.8
16				Bharuch	26.8	81	5.0	29.1	6.0
17				Bilda	24.7	81	3.9	24.5	5.7
18				Parbhani	24.5	79	5.0	24.7	5.5
19				Pachora	25.7	79	5.7	29.5	4.8
20				Surat	26.8	80	4.6	23.7	4.5
21			North	Arya Nagar	25.7	79	5.7	29.5	4.8
22				Bhatinda	26.4	82	5.8	27.7	4.5
23				Faridkot	29.7	81	5.5	27.5	4.4
24				Hissar	26.1	80	4.9	29.1	5.3
25				SGNR	26.3	78	5.8	24.9	4.7
26				Sirsa	25.6	81	5.5	25.5	5.0
27			903	AKDH-102	Central	Akola	27.8	84	5.3
28	Amreli	25.5				80	above 7.0		
29	Bharuch	26.6				81	5.4	28.2	6.2
30	Bilda	23.5				81	4.0	24.9	5.9
31	Parbhani	25.4				79	6.8	24.6	5.6
32	Pachora	26.9				80	5.4	29.5	5.1
33	Surat	27.3				81	5.4	29.7	4.7
34	North	Arya Nagar			26.9	80	5.4	29.5	5.1
35		Bhatinda			28.5	82	5.5	30.8	4.8
36		Faridkot			27.2	82	5.8	28.4	4.5
37		Hissar			23.5	78	6.0	26.4	5.1
38		SGNR			28.5	84	5.4	31.2	4.6
39		Sirsa			26.7	82	5.6	26.2	5.0
40	904	KR 116			Central	Akola	21.0	77	6.8
41			Amreli	24.7		81	above 7.0		
42			Bharuch	22.6		76	7.1	26.1	5.9
43			Bilda	23.4		76	4.9	21.5	6.0
44			Parbhani	22.4		76	6.9	21.8	5.8
45			Pachora	19.6		76	above 7.0		
46			Surat	21.6		77	above 7.0		
47			North	Arya Nagar	19.6	76	above 7.0		
48				Bhatinda	20.6	76	above 7.0		
49				Faridkot	21.5	75	above 7.0		
50				Hissar	19.5	77	6.9	23.4	5.6
51				SGNR	22.8	78	above 7.0		
52				Sirsa	21.5	74	above 7.0		

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%		
53	905	NACH 461	Central	Akola	26.3	83	5.9	27.5	5.2		
54				Amreli	22.9	79	6.7	22.7	5.5		
55				Bharuch	23.3	78	5.7	26.4	5.4		
56				Bilda	22.6	80	5.9	21.9	5.7		
57				Parbhani	24.4	77	6.3	25.3	5.6		
58				Pachora	24.9	81	6.3	25.4	4.9		
59				Surat	25.9	82	6.4	25.2	4.2		
60			North	Arya Nagar	24.9	81	6.3	25.4	4.9		
61				Bhatinda	25.6	83	6.6	28.6	4.4		
62				Faridkot	25.2	82	6.4	28.0	4.4		
63				Hissar	24.1	81	5.6	25.4	5.1		
64				SGNR	27.3	80	6.3	27.8	4.7		
65				Sirsa	23.7	80	6.4	24.9	4.6		
66			906	LC	Central	Akola	27.5	82	5.6	28.7	5.2
67						Amreli	24.1	81	6.3	23.3	5.3
68	Bharuch	23.7				79	5.4	25.9	5.8		
69	Bilda	24.1				81	4.6	25.3	5.5		
70	Parbhani	22.4				77	5.5	24.5	5.5		
71	Pachora	27.7				79	5.5	28.3	4.9		
72	Surat	27.0				82	5.9	26.3	4.8		
73	North	Arya Nagar			27.7	79	5.5	28.3	4.9		
74		Bhatinda			23.5	75	above 7.0				
75		Faridkot			23.6	80	6.5	24.6	5.1		
76		Hissar			21.1	76	6.4	24.9	6.0		
77		SGNR			22.8	76	above 7.0				
78		Sirsa			19.7	75	above 7.0				
79		907			BDAA 029	Central	Akola	25.6	80	6.1	27.2
80	Amreli		24.6	80			6.7	23.9	5.4		
81	Bharuch		23.5	78			5.6	26.9	5.4		
82	Bilda		22.9	80			5.6	24.0	5.5		
83	Parbhani		24.0	78			5.6	24.9	5.6		
84	Pachora		25.8	81			6.4	26.9	5.1		
85	Surat		25.1	82			6.7	25.9	4.8		
86	North		Arya Nagar	25.8		81	6.4	26.9	5.1		
87			Bhatinda	24.9		81	6.5	28.8	5.2		
88			Faridkot	25.7		80	6.5	27.3	5.1		
89			Hissar	24.3		81	5.7	26.7	5.4		
90			SGNR	29.1		82	6.9	29.7	4.9		
91			Sirsa	24.6		79	6.5	25.0	5.1		

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
92	908	CISAA 162	Central	Akola	23.2	80	6.1	28.4	5.5
93				Amreli	23.6	79	6.7	22.7	5.0
94				Bharuch	26.6	81	5.2	27.7	5.7
95				Bilda	19.9	77	4.9	21.0	6.2
96				Parbhani	23.2	78	5.7	24.8	6.0
97				Pachora	22.5	77	6.7	23.9	5.2
98				Surat	24.6	79	6.4	24.6	4.8
99			North	Arya Nagar	22.5	77	6.7	23.9	5.2
100				Bhatinda	23.9	79	6.7	26.8	5
101				Faridkot	22.6	78	6.3	25.5	5.2
102				Hissar	22.8	78	5.9	24.5	5.0
103				SGNR	25.8	78	6.3	24.6	4.6
104				Sirsa	21.7	76	6.6	21.8	5.3
105				909	AJAH 101	Central	Akola	28.3	83
106	Amreli	21.8	77				6.8	21.6	5.0
107	Bharuch	20.8	76				5.7	26.1	5.1
108	Bilda	25.1	81				4.6	24.9	6.0
109	Parbhani	23.2	78				5.6	25.4	6.1
110	Pachora	25.7	81				6.0	28.6	5.0
111	Surat	27.4	82				6.1	28.6	4.5
112	North	Arya Nagar	25.7			81	6.0	28.6	5.0
113		Bhatinda	27.2			82	5.9	30.7	5.1
114		Faridkot	27.1			83	5.9	30.2	4.7
115		Hissar	27.3			82	5.7	28.9	5.4
116		SGNR	29.4			84	5.7	32.1	4.8
117		Sirsa	25.5			82	5.7	27.6	5.0
118		910	CISAA 161			Central	Akola	24.4	81
119	Amreli			24.7	81		6.8	24.1	5.1
120	Bharuch			22.6	78		5.5	26.0	6.0
121	Bilda			22.9	79		5.3	23.5	6.2
122	Parbhani			21.8	77		above 7.0		
123	Pachora			23.7	79		6.6	24.7	5.5
124	Surat			23.6	78		6.9	25.8	4.8
125	North			Arya Nagar	23.7	79	6.6	24.7	5.5
126				Bhatinda	24.9	78	6.9	28.0	5.2
127				Faridkot	25.1	80	6.7	26.2	5.0
128				Hissar	22.4	77	6.6	23.8	5.5
129				SGNR	25.5	79	6.4	27.4	4.6
130		Sirsa	22.4	78	6.7	24.5	5.1		

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
131	911	ZC	Central	Akola	26.7	83	6.1	28.1	5.5
132				Amreli	25.9	82	6.7	25.5	4.6
133				Bharuch	24.6	79	5.5	27.9	6.3
134				Bilda	24.6	79	5.2	25.3	6.4
135				Parbhani	26.8	80	6.4	26.7	5.3
136				Pachora	25.5	82	6.2	28.2	5.7
137				Surat	25.7	81	6.1	26.1	4.6
138			North	Arya Nagar	25.5	82	6.2	28.2	5.7
139				Bhatinda	21.2	76	above 7.0		
140				Faridkot	21.0	75	6.7	23.9	5.4
141				Hissar	18.7	73	6.7	21.3	5.7
142				SGNR	20.1	76	above 7.0		
143				Sirsa	20.0	74	above 7.0		
144				912	AAH 38	Central	Akola	22.5	77
145	Amreli	21.0	78				above 7.0		
146	Bharuch	23.2	78				7.2	26.1	6.5
147	Bilda	19.4	77				5.8	22.3	6.5
148	Parbhani	22.8	78				above 7.0		
149	Pachora	21.4	76				above 7.0		
150	Surat	22.7	78				above 7.0		
151	North	Arya Nagar	21.4			76	above 7.0		
152		Bhatinda	21.3			76	above 7.0		
153		Faridkot	21.0			77	above 7.0		
154		Hissar	21.2			77	6.5	25.2	5.6
155		SGNR	23.3			76	above 7.0		
156		Sirsa	19.1	74	above 7.0				

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

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
1	951	RAHS 804	Central	Bharuch	22.4	78	4.7	25.9	6.2
2				CSSRI	21.9	77	5.0	24.9	6.0
3				Surat	21.7	77	5.4	25.5	6.0
4				Viramgam	22.8	78	4.0	26.0	5.9
5	952	GShv 367/12	Central	Bharuch	24.2	79	4.1	26.7	6.2
6				CSSRI	26.9	80	5.0	27.1	6.5
7				Surat	26.6	81	5.2	26.8	5.3
8				Viramgam	24.1	79	3.8	26.7	6.1

Sr. No.	Code No.	Entry Name	Zone	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
9	953	GShv 371/12	Central	Bharuch	23.9	79	4.2	26.8	6.3
10				CSSRI	24.7	79	4.6	26.3	6.3
11				Surat	23.8	79	5.4	26.1	5.8
12				Viramgam	25.4	80	3.5	16.0	5.8
13	954	RAHS 801	Central	Bharuch	23.0	79	4.7	25.6	5.9
14				CSSRI	23.8	80	5.9	22.8	5.0
15				Surat	21.4	77	5.4	25.1	5.4
16				Viramgam	21.8	77	4.9	25.0	5.8
17	955	GBhv-304	Central	Bharuch	25.2	80	3.4	27.2	5.9
18				CSSRI	25.4	80	4.6	26.7	6.0
19				Surat	23.5	79	5.1	26.0	5.6
20				Viramgam	23.7	79	3.3	26.7	6.0
21	956	GBhv-307	Central	Bharuch	24.9	80	3.7	27.6	6.2
22				CSSRI	24.7	80	4.4	26.2	6.0
23				Surat	24.0	79	5.0	25.9	5.6
24				Viramgam	23.8	79	2.3	27.1	6.0
25	957	ANGh-1601	Central	Bharuch	22.9	78	3.8	25.7	5.7
26				CSSRI	22.8	78	5.1	25.9	5.6
27				Surat	22.2	77	5.5	25.3	5.4
28				Viramgam	22.5	78	4.0	25.6	5.8
29	958	GShv 362/12	Central	Bharuch	25.9	80	3.9	26.9	5.8
30				CSSRI	25.0	79	4.8	25.2	5.4
31				Surat	25.0	80	5.0	26.3	5.6
32				Viramgam	26.2	80	3.7	27.5	5.5
33	959	LC	Central	Bharuch	26.4	81	3.9	26.8	6.0
34				CSSRI	25.3	80	4.1	26.3	5.7
35				Surat	24.4	79	5.0	25.6	5.6
36				Viramgam	21.7	77	4.5	25.1	5.7
37	960	DWDh 1602	Central	Bharuch	22.9	78	4.1	25.5	5.8
38				CSSRI	24.5	81	4.9	24.7	4.9
39				Surat	22.4	77	5.4	25.2	5.7
40				Viramgam	22.6	78	4.3	25.6	5.9
41	961	RAHS 802	Central	Bharuch	23.0	78	4.7	23.3	6.0
42				CSSRI	23.7	78	5.1	25.7	5.7
43				Surat	22.2	77	5.4	25.3	5.6
44				Viramgam	21.8	77	3.5	25.4	6.2
45	962	ANGh-1602	Central	Bharuch	22.7	78	4.3	25.3	5.5
46				CSSRI	25.0	79	5.3	25.7	5.6
47				Surat	23.6	79	5.5	25.4	5.9
48				Viramgam	22.6	78	4.7	25.2	5.9

<b>Sr. No.</b>	<b>Code No.</b>	<b>Entry Name</b>	<b>Zone</b>	<b>Location</b>	<b>UHML (mm)</b>	<b>UI</b>	<b>Mic</b>	<b>Str (g/tex)</b>	<b>E%</b>
49	963	RAHS 803	Central	Bharuch	24.4	80	4.1	24.6	5.7
50				CSSRI	21.8	77	5.1	25.0	5.9
51				Surat	23.0	78	5.5	25.7	5.5
52				Viramgam	21.1	76	4.0	24.8	5.6
53	964	GShv 385/12	Central	Bharuch	24.8	79	3.7	26.5	5.7
54				CSSRI	24.3	79	4.9	25.3	5.6
55				Surat	21.9	77	5.5	25.1	6.0
56				Viramgam	23.0	78	3.4	26.1	6.2
57	965	ZC	Central	Bharuch	26.2	80	3.5	27.2	6.1
58				CSSRI	24.8	79	4.9	25.8	5.8
59				Surat	23.1	78	5.4	26.0	5.8
60				Viramgam	23.8	79	3.0	26.2	5.6
61	966	GBhv 302	Central	Bharuch	25.0	80	3.6	27.4	5.8
62				CSSRI	23.9	78	4.8	25.8	5.9
63				Surat	23.2	78	5.4	25.0	6.0
64				Viramgam	24.2	79	2.1	27.5	5.6
65	967	DWDh 1601	Central	Bharuch	24.5	80	3.6	27.7	6.1
66				CSSRI	22.3	77	5.1	25.5	5.7
67				Surat	22.9	80	5.5	25.4	6.0
68				Viramgam	22.9	78	4.2	25.5	5.7
69	968	GBhv 305	Central	Bharuch	24.3	79	3.5	26.8	5.7
70				CSSRI	26.0	80	4.5	26.0	5.7
71				Surat	23.0	78	5.2	24.7	5.3
72				Viramgam	23.8	79	3.6	26.5	5.7

## North Zone Trials

### Br-03a PVT G. Hirsutum (Irrigated)

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
1	6001	F 2501	Bathinda	30.4	84	4.6	31.0	6.9
2			Faridkot	29.3	83	4.8	27.8	6.7
3			Hisar	29.2	83	4.7	27.2	6.4
4			Kanpur	28.8	83	4.8	27.3	6.4
5			SGNR	29.1	83	4.4	27.6	6.5
6			Sirsa	28.4	83	5.0	27.1	6.8
7	6002	HS 294	Bathinda	26.3	82	5.0	26.8	6.6
8			Faridkot	27.1	82	5.4	27.9	6.9
9			Hisar	26.0	81	4.6	26.4	6.5
10			Kanpur	26.6	82	5.1	26.4	6.7
11			SGNR	26.8	82	5.0	26.7	6.7
12			Sirsa	27.4	82	4.9	26.3	6.7
13	6003	RS 2815	Bathinda	27.9	82	4.5	29.8	6.9
14			Faridkot	27.3	82	4.3	26.4	6.6
15			Hisar	25.9	81	4.5	25.4	6.4
16			Kanpur	26.7	82	4.5	26.5	6.4
17			SGNR	27.3	82	4.6	27.1	6.6
18			Sirsa	27.4	82	4.7	25.8	6.6
19	6004	ZC	Bathinda	28.6	83	4.9	29.4	6.8
20			Faridkot	28.8	83	5.3	28.4	6.8
21			Hisar	28.5	83	4.7	27.8	6.6
22			Kanpur	28.0	83	4.5	27.9	6.5
23			SGNR	28.4	83	5.0	28.0	6.7
24			Sirsa	29.0	83	5.2	26.8	6.6
25	6005	Shakti Sultan	Bathinda	27.6	82	4.8	28.6	6.8
26			Faridkot	27.7	82	4.7	27.9	6.8
27			Hisar	26.6	82	4.6	25.9	6.5
28			Kanpur	28.1	83	4.7	27.3	6.8
29			SGNR	27.1	82	4.8	26.9	6.7
30			Sirsa	26.9	82	4.8	26.2	6.8

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
31	6006	LC	Bathinda	28.8	83	4.6	29.0	6.6
32			Faridkot	28.1	83	4.9	29.0	7.0
33			Hisar	25.9	81	4.6	24.7	6.1
34			Kanpur	26.9	82	4.7	26.5	6.4
35			SGNR	26.7	82	4.5	27.0	6.6
36			Sirsa	28.0	83	5.0	25.9	6.5
37	6007	RS 2765	Bathinda	28.3	83	4.6	29.4	6.8
38			Faridkot	27.6	82	4.2	27.9	6.7
39			Hisar	26.3	82	4.1	26.3	6.6
40			Kanpur	26.7	82	4.4	28.2	6.7
41			SGNR	28.2	83	4.4	27.6	6.5
42			Sirsa	28.1	83	4.7	26.8	6.8
43	6008	Quality Check	Bathinda	28.7	83	4.4	28.4	6.7
44			Faridkot	29.0	83	4.8	28.1	6.7
45			Hisar	27.2	82	4.4	26.6	6.5
46			Kanpur	29.0	83	3.9	28.3	6.4
47			SGNR	29.0	83	4.7	28.5	6.6
48			Sirsa	28.5	83	4.6	27.2	6.7
49	6009	HS 296	Bathinda	26.3	82	5.1	26.7	6.6
50			Faridkot	26.7	82	5.5	27.4	7.0
51			Hisar	25.4	81	5.0	25.5	6.5
52			Kanpur	24.9	81	5.1	25.2	6.4
53			SGNR	26.5	82	5.2	26.4	6.6
54			Sirsa	26.7	82	5.3	26.2	7.0

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

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
1	6011	RAHH 630	Arya Nagar	28.1	83	5.4	28.3	6.8
2			Bathinda	29.0	83	5.4	30.0	6.8
3			Faridkot	28.3	83	5.8	29.2	6.9
4			Hisar	28.1	83	4.9	28.5	6.6
5			Sirsa	26.6	82	5.5	26.3	6.5



Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
6	6012	FHH 260	Arya Nagar	28.4	83	4.0	27.0	6.4
7			Bathinda	28.2	83	4.6	27.8	6.5
8			Faridkot	29.2	83	5.1	28.6	6.7
9			Hisar	28.4	83	4.5	26.8	6.3
10			Sirsa	28.0	82	5.0	26.4	6.4
11	6013	HHH 497	Arya Nagar	26.3	82	4.3	26.0	6.6
12			Bathinda	25.9	81	4.8	26.8	6.5
13			Faridkot	27.5	82	4.9	27.2	6.6
14			Hisar	26.7	82	4.8	26.4	6.4
15			Sirsa	25.3	81	5.2	25.3	6.5
16	6014	FHH 261	Arya Nagar	27.8	82	4.4	27.4	6.6
17			Bathinda	29.6	83	4.4	30.1	6.7
18			Faridkot	30.0	83	4.6	29.0	6.6
19			Hisar	29.2	83	4.3	28.4	6.4
20			Sirsa	26.7	82	4.7	25.6	6.4
21	6015	25D14	Arya Nagar	26.0	82	4.5	26.1	6.7
22			Bathinda	28.4	83	5.0	30.9	7.0
23			Faridkot	26.7	82	5.3	26.7	6.8
24			Hisar	25.5	81	4.6	25.8	6.4
25			Sirsa	24.8	81	5.2	24.6	6.5
26	6016	GTHH 217	Arya Nagar	25.2	81	4.2	25.0	6.3
27			Bathinda	26.6	82	5.2	27.2	6.6
28			Faridkot	26.0	81	5.3	26.4	6.7
29			Hisar	26.0	82	4.9	26.6	6.6
30			Sirsa	24.1	80	5.3	24.5	6.6
31	6017	CSHH 3078	Arya Nagar	27.8	82	3.4	26.7	6.3
32			Bathinda	30.4	84	4.6	32.7	7.0
33			Faridkot	28.1	83	4.6	27.1	6.5
34			Hisar	28.7	83	4.2	28.1	6.4
35			Sirsa	26.3	82	4.7	25.6	6.4
36	6018	FHH 298	Arya Nagar	28.4	83	4.6	27.5	6.6
37			Bathinda	29.0	83	4.5	30.1	6.8
38			Faridkot	29.5	83	4.9	29.2	6.8
39			Hisar	28.4	83	4.7	27.8	6.6
40			Sirsa	28.3	83	4.8	27.1	6.6

<b>Sr. No.</b>	<b>Code No.</b>	<b>Entry Name</b>	<b>Location</b>	<b>UHML (mm)</b>	<b>UI</b>	<b>Mic</b>	<b>Str (g/tex)</b>	<b>E%</b>
41	6019	LC	Arya Nagar	27.2	82	4.4	27.1	6.6
42			Bathinda	28.7	83	4.6	29.2	6.6
43			Faridkot	29.1	83	4.6	27.8	6.7
44			Hisar	26.9	82	4.4	25.7	6.4
45			Sirsa	25.7	81	4.7	25.7	6.5
46	6020	ZC	Arya Nagar	27.4	82	4.2	27.7	6.5
47			Bathinda	28.5	83	4.7	29.7	6.6
48			Faridkot	28.2	83	4.5	28.3	6.6
49			Hisar	28.0	83	4.6	28.8	6.6
50			Sirsa	26.1	82	4.9	25.4	6.4
51	6021	FHH 272	Arya Nagar	27.0	82	4.5	26.0	6.6
52			Bathinda	28.1	83	4.6	28.6	6.6
53			Faridkot	27.5	82	4.8	28.0	6.9
54			Hisar	26.5	82	4.4	26.4	6.4
55			Sirsa	26.8	82	4.7	25.9	6.6
56	6022	GSHG 1675	Arya Nagar	26.8	82	4.5	26.9	6.6
57			Bathinda	28.3	83	4.2	29.1	6.6
58			Faridkot	28.3	83	4.9	28.6	6.9
59			Hisar	26.7	82	4.3	26.4	6.4
60			Sirsa	26.0	81	4.8	25.7	6.5
61	6023	HSHH 32	Arya Nagar	25.7	81	4.9	25.1	6.4
62			Bathinda	27.4	82	5.0	28.3	6.8
63			Faridkot	26.6	82	5.6	27.1	6.7
64			Hisar	26.5	82	4.6	26.2	6.6
65			Sirsa	25.6	81	5.4	24.9	6.6
66	6024	SVHH 151	Arya Nagar	26.4	82	4.7	26.3	6.6
67			Bathinda	27.1	82	4.2	27.8	6.5
68			Faridkot	26.0	81	5.1	26.0	6.5
69			Hisar	26.9	82	4.5	27.2	6.5
70			Sirsa	25.6	81	4.8	24.8	6.4

**Br 06 a PVT Compact Genotypes**

<b>Sr. No.</b>	<b>Code No.</b>	<b>Entry Name</b>	<b>Location</b>	<b>UHML (mm)</b>	<b>UI</b>	<b>Mic</b>	<b>Str (g/tex)</b>	<b>E%</b>
1	6031	RS 2814	Bathinda	27.6	82	4.5	28.4	6.8
2			Faridkot	28.1	83	4.7	28.9	7.0
3			Hisar	26.5	82	4.7	26.9	6.8
4			SGNR	27.4	82	4.7	28.1	6.8
5			Sirsa	26.5	82	5.1	26.3	6.6
6	6032	PBH 7	Bathinda	26.6	82	4.8	27.2	6.7
7			Faridkot	26.5	82	5.0	28.1	7.2
8			Hisar	25.7	81	4.7	26.3	6.6
9			SGNR	26.4	82	4.6	26.9	6.8
10			Sirsa	26.2	82	4.9	26.1	6.8
11	6033	RS 2727	Bathinda	27.6	82	4.5	27.6	6.6
12			Faridkot	28.8	83	4.8	30.5	7.1
13			Hisar	27.1	82	4.6	27.5	6.7
14			SGNR	27.9	82	4.5	27.3	6.7
15			Sirsa	27.9	82	4.8	26.8	6.5
16	6034	LC	Bathinda	28.4	83	4.7	27.5	6.5
17			Faridkot	28.7	83	5.2	27.9	6.7
18			Hisar	27.0	82	4.9	26.6	6.4
19			SGNR	27.3	82	4.8	26.8	6.7
20			Sirsa	27.3	82	5.3	26.1	6.4
21	6035	RS 2734	Bathinda	27.7	82	4.6	27.8	6.6
22			Faridkot	27.5	82	4.9	27.4	6.8
23			Hisar	26.2	82	4.7	27.0	6.7
24			SGNR	27.7	82	4.8	28.3	6.8
25			Sirsa	27.0	82	5.0	26.2	6.5
26	6036	RS 2821	Bathinda	27.0	82	4.4	28.1	6.8
27			Faridkot	27.6	82	5.2	28.1	6.9
28			Hisar	26.9	82	4.8	26.2	6.5
29			SGNR	26.7	82	4.5	26.6	6.6
30			Sirsa	26.9	82	5.0	26.0	6.5

**Br 24a CVT G. arboreum**

<b>Sr. No.</b>	<b>Code No.</b>	<b>Entry Name</b>	<b>Location</b>	<b>UHML (mm)</b>	<b>UI</b>	<b>Mic</b>	<b>Str (g/tex)</b>	<b>E%</b>
1	6041	ZC	Bathinda	22.4	79	6.7	24.0	6.7
2			Faridkot	21.4	78	7.3	22.9	6.7
3			Hisar	20.5	78	6.4	22.8	6.8
4			SGNR	21.4	78	6.8	23.2	6.7
5			Sirsa	21.5	78	6.7	22.7	6.6
6	6042	LD 1026	Bathinda	22.9	80	6.2	24.0	6.6
7			Faridkot	23.0	79	7.1	23.3	6.7
8			Hisar	21.8	79	6.6	23.0	6.5
9			SGNR	21.6	78	6.9	23.5	6.6
10			Sirsa	21.6	78	6.4	22.4	6.5
11	6043	LC	Bathinda	21.6	78	6.5	23.2	6.7
12			Faridkot	21.0	78	7.0	22.7	7.0
13			Hisar	21.5	78	6.0	22.9	6.5
14			SGNR	20.5	78	7.0	22.5	6.8
15			Sirsa	20.7	78	6.4	22.1	7.0
16	6044	CISA 6-2	Bathinda	22.6	79	6.6	24.7	7.2
17			Faridkot	23.0	80	7.3	23.8	6.8
18			Hisar	22.1	79	6.3	23.2	6.8
19			SGNR	22.0	79	6.7	23.6	7.0
20			Sirsa	20.6	78	6.4	22.4	6.9
21	6045	PA 812	Bathinda	32.3	84	5.1	32.5	7.2
22			Faridkot	31.6	84	5.4	30.4	7.1
23			Hisar	31.2	84	4.8	30.2	7.0
24			SGNR	30.8	84	5.1	31.5	7.1
25			Sirsa	30.3	84	5.1	29.7	6.9
26	6046	PBD 17	Bathinda	21.8	79	6.8	23.1	6.6
27			Faridkot	22.4	79	7.2	23.0	6.9
28			Hisar	22.6	79	6.6	23.5	6.6
29			SGNR	22.2	79	6.8	23.9	6.6
30			Sirsa	20.3	77	6.4	21.9	6.6

**Br 25a**

<b>Sr. No.</b>	<b>Code No.</b>	<b>Entry Name</b>	<b>Location</b>	<b>UHML (mm)</b>	<b>UI</b>	<b>Mic</b>	<b>Str (g/tex)</b>	<b>E%</b>
1	6051	ZC	Bathinda	20.5	78	6.8	22.2	6.7
2			Faridkot	20.8	78	7.3	22.4	6.8
3			Hisar	19.3	76	7.1	21.8	6.8
4			Sgnr	20.3	77	7.0	22.1	6.1
5			Sirsa	21.0	78	7.2	22.2	6.7
6	6052	Swadeshi 9	Bathinda	25.4	81	6.7	27.0	6.8
7			Faridkot	25.4	81	6.8	24.5	6.6
8			Hisar	24.1	80	6.5	25.0	6.6
9			Sgnr	25.1	81	6.8	24.8	6.5
10			Sirsa	25.2	81	6.9	25.0	6.9
11	6053	AAH 37	Bathinda	25.3	81	6.5	26.3	6.9
12			Faridkot	24.6	81	6.5	24.3	6.8
13			Hisar	24.2	80	6.2	24.3	6.5
14			Sgnr	24.7	81	6.1	24.2	6.5
15			Sirsa	24.3	80	6.0	24.0	6.9
16	6054	BDAA 011	Bathinda	25.8	81	6.4	27.0	7.1
17			Faridkot	26.4	82	6.5	25.7	6.9
18			Hisar	26.2	82	6.0	26.6	7.0
19			Sgnr	26.7	82	6.3	26.4	7.0
20			Sirsa	24.6	81	6.4	24.2	6.7
21	6055	LC	Bathinda	23.4	80	6.3	24.5	6.8
22			Faridkot	22.5	79	6.7	23.0	6.6
23			Hisar	21.2	78	6.7	22.8	6.7
24			Sgnr	22.3	79	6.8	23.4	6.6
25			Sirsa	20.2	77	6.7	22.2	7.2
26	6056	CISAA 14-31	Bathinda	24.4	81	6.3	25.3	6.7
27			Faridkot	25.2	81	6.8	25.1	6.7
28			Hisar	23.5	80	6.3	24.6	6.9
29			Sgnr	24.0	80	6.3	25.0	6.9
30			Sirsa	24.5	81	6.6	24.4	6.9
31	6057	GSGDH 521	Bathinda	26.2	82	6.3	27.9	7.2
32			Faridkot	27.0	82	6.8	26.8	6.6
33			Hisar	26.1	82	5.9	26.6	6.8
34			Sgnr	26.2	82	6.3	26.3	7.0
35			Sirsa	24.9	81	6.4	24.8	6.9

## Central Zone Trials

### Br-03 a PVT G. Hirsutum (Irrigated)

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
1	6101	GSHV 172	Bhawanipatna	25.3	84	4.7	28.8	
2			Junagadh	25.4	84	4.6	29.4	
3			Rahuri	27.6	83	4.3	26.7	6.5
4			Surat	27.6	84	4.9	29.7	
5	6102	CPD 1501	Bhawanipatna	27.2	84	4.0	30.5	
6			Junagadh	26.4	84	5.2	29.0	
7			Rahuri	30.1	83	4.2	25.3	5.9
8			Surat	28.3	85	5.0	30.2	
9	6103	ZC	Bhawanipatna	26.7	84	3.9	32.0	
10			Junagadh	26.8	84	4.2	31.6	
11			Rahuri	26.7	84	3.7	28.9	7.0
12			Surat	26.9	84	4.8	31.7	
13	6104	BGDS 1033	Bhawanipatna	29.3	85	4.4	30.3	
14			Junagadh	28.2	84	5.0	30.9	
15			Rahuri	28.7	85	4.3	26.8	6.1
16			Surat	28.5	84	5.1	31.1	
17	6105	Local Check	Bhawanipatna	32.9	87	3.2	34.7	
18			Junagadh	26.9	83	4.7	32.3	
19			Rahuri	27.1	85	4.5	26.6	6.6
20			Surat	27.4	85	4.9	31.7	
21	6106	GSHV 173	Bhawanipatna	29.9	86	4.5	34.3	
22			Junagadh	27.9	85	4.1	31.8	
23			Rahuri	29.1	84	3.5	28.1	6.1
24			Surat	29.0	84	4.3	31.8	
25	6107	GSHV 510	Bhawanipatna	27.9	85	4.7	31.3	
26			Junagadh	27.5	84	4.7	30.4	
27			Rahuri	27.9	84	4.6	28.2	6.3
28			Surat	28.0	84	5.2	29.7	
29	6108	Quality Check	Bhawanipatna	30.3	85	3.7	32.0	
30			Junagadh	30.1	83	4.5	31.8	
31			Rahuri	32.1	87	4.5	30.6	5.2
32			Surat	31.2	86	4.8	33.2	
33	6109	CCH 15-1	Bhawanipatna	30.9	86	3.9	34.3	
34			Junagadh	30.6	85	4.1	34.4	
35			Rahuri	31.4	86	4.0	31.1	5.6
36			Surat	32.3	85	4.2	34.5	

**Br-04 a CVT G. Hirsutum (Irrigated)**

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
1	6111	CCH 14-1	Bhawanipatna	31.9	84	3.4	33.5	
2			Junagadh	30.9	85	4.4	27.6	
3			Rahuri	31.1	84	3.6	28.3	6
4			Surat	31.3	83	4.4	34.0	
5	6112	ZC	Bhawanipatna	27.1	84	4.4	30.7	
6			Junagadh	26.3	85	4.5	28.8	
7			Rahuri	27.1	83	3.6	27.4	7.0
8			Surat	28.1	85	4.8	32.3	
9	6113	Local Check	Bhawanipatna	32.6	85	4.0	33.8	
10			Junagadh	26.8	85	5.0	28.9	
11			Rahuri	26.8	83	4.3	27.1	7
12			Surat	27.4	85	5.2	31.2	
13	6114	GJHV 497	Bhawanipatna	27.3	85	4.2	31.6	
14			Junagadh	28.3	86	4.5	29.4	
15			Rahuri	29.1	85	3.9	27.9	6
16			Surat	30.0	86	4.8	32.0	
17	6115	SCS 1061	Bhawanipatna	28.2	83	3.9	30.6	
18			Junagadh	30.3	86	5.6	30.1	
19			Rahuri	29.9	85	4.6	29.4	6
20			Surat	30.2	84	5.2	32.8	
21	6116	Quality Check	Bhawanipatna	31.6	86	4.1	33.8	
22			Junagadh	29.9	87	4.9	31.4	
23			Rahuri	31.0	87	4.2	31.4	6.0
24			Surat	32.5	86	4.8	34.8	

**Br-05a CHT Intra Hirsutum- Hybrid**

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
1	6131	GSHH 2759	Banswara	26.7	84	3.1	29.0	
2			Junagadh	28.6	84	4.4	30.5	
3			Rahuri	29.4	86	4.3	29.6	5.9
4			Surat	29.0	84	4.5	32.0	
5	6132	BGDHH 697	Banswara	27.3	83	4.2	27.9	
6			Junagadh	28.4	86	5.4	31.2	
7			Rahuri	29.2	88	5.2	28.9	5.9
8			Surat	29.9	85	5.8	31.6	

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
9	6133	RHH	Banswara	27.9	83	3.0	29.8	
10			Junagadh	28.9	86	5.0	30.5	
11			Rahuri	29.8	86	4.6	29.0	5.9
12			Surat	29.8	83	4.8	31.5	
13	6134	GTHH 217	Banswara	25.3	83	2.9	27.1	
14			Junagadh	26.4	85	4.6	30.9	
15			Rahuri	26.7	86	4.3	28.6	5.9
16			Surat	27.7	85	4.9	30.3	
17	6135	GJHH 4	Banswara	27.0	83	3.2	29.4	
18			Junagadh	27.7	84	5.1	30.0	
19			Rahuri	29.7	85	3.9	30.3	5.9
20			Surat	29.5	84	4.6	31.4	
21	6136	MRC 7388	Banswara	29.7	84	4.1	30.3	
22			Junagadh	29.1	85	4.8	33.0	
23			Rahuri	29.8	86	4.7	29.8	5.9
24			Surat	32.9	86	4.4	33.8	
25	6137	GTHH 215	Banswara	26.6	85	3.3	27.6	
26			Junagadh	26.9	85	4.0	32.0	
27			Rahuri	26.6	85	4.4	28.5	5.9
28			Surat	28.9	84	5.4	30.3	
29	6138	LC	Banswara	26.2	84	4.1	28.4	
30			Junagadh	29.2	85	4.9	32.5	
31			Rahuri	26.9	86	5.0	27.5	5.9
32			Surat	29.9	86	4.6	32.6	
33	6139	GJHH 5	Banswara	26.0	83	3.2	28.6	
34			Junagadh	27.3	84	5.4	30.7	
35			Rahuri	27.1	86	5.4	28.5	5.9
36			Surat	27.0	85	5.1	29.4	
37	6140	GSGHH 641	Banswara	27.9	82	3.0	28.0	
38			Junagadh	29.4	83	4.8	32.8	
39			Rahuri	29.9	86	4.8	29.2	5.9
40			Surat	29.3	84	4.8	30.4	
41	6141	RHH-1125	Banswara	28.7	84	2.9	28.6	
42			Junagadh	30.3	86	4.7	30.8	
43			Rahuri	30.5	88	4.0	29.6	5.9
44			Surat	30.3	85	3.9	32.3	
45	6142	MRC 7398	Banswara	29.2	83	3.0	29.3	
46			Junagadh	29.6	85	4.4	33.6	
47			Rahuri	31.2	86	4.1	32.0	5.9
48			Surat	30.8	85	4.4	34.2	



Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
49	6143	NCS 5657	Banswara	29.3	84	2.8	31.1	
50			Junagadh	31.4	84	5.0	33.0	
51			Rahuri	31.2	88	5.1	29.1	5.9
52			Surat	32.4	85	5.1	32.9	
53	6144	ZC	Banswara	29.2	84	4.2	30.3	
54			Junagadh	30.6	85	4.9	31.0	
55			Rahuri	30.7	87	4.1	31.0	6.0
56			Surat	31.1	85	4.8	32.7	
57	6145	BGDHH 632	Banswara	28.5	84	2.9	29.9	
58			Junagadh	29.2	85	5.0	31.3	
59			Rahuri	29.8	87	4.1	31.2	6.0
60			Surat	29.4	85	5.0	30.8	
61	6146	GJHH 6	Banswara	27.6	83	2.9	29.1	
62			Junagadh	28.1	85	5.0	30.8	
63			Rahuri	29.9	86	4.2	31.8	5.9
64			Surat	29.2	84	4.7	30.8	

#### Br-06 a PVT Compact Genotypes

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
1	6151	ANGC 1501	Banswara	26.9	84	3.5	28.9	
2			Bhawanipatna	26.5	83	4.2	28.6	
3			Rahuri	26.4	83	4.1	28.8	5.8
4	6152	GSHV 180	Banswara	25.8	83	3.6	28.8	
5			Bhawanipatna	27.0	83	4.5	31.7	
6			Rahuri	29.6	83	3.8	29.8	5.9
7	6153	RAHC 1011	Banswara	30.0	84	3.1	30.8	
8			Bhawanipatna	31.1	85	4.2	33.6	
9			Rahuri	29.9	85	3.6	33.0	5.9
10	6154	GTHV 13/28	Banswara	27.5	85	3.6	30.5	
11			Bhawanipatna	28.7	85	5.0	30.2	
12			Rahuri	27.3	85	3.9	29.7	5.9
13	6155	LC	Banswara	27.2	85	3.5	28.6	
14			Bhawanipatna	31.8	87	4.4	33.6	
15			Rahuri	27.9	84	3.9	30.3	5.9
16	6156	GTHV 13/32	Banswara	25.8	84	3.6	29.6	
17			Bhawanipatna	27.8	85	5.0	29.0	
18			Rahuri	27.2	84	4.3	27.5	5.8
19	6157	DSC 1501	Banswara	28.3	83	3.6	30.7	
20			Bhawanipatna	29.6	83	4.8	29.7	
21			Rahuri	26.9	84	4.2	30.5	5.9

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
22	6158	ANGC 1502	Banswara	31.0	83	3.3	31.7	
23			Bhawanipatna	31.5	86	4.2	33.0	
24			Rahuri	33.4	87	4.4	31.8	6.0
25	6159	ARBC 1501	Banswara	27.5	83	3.6	28.8	
26			Bhawanipatna	27.4	82	3.9	29.8	
27			Rahuri	27.6	84	4.0	27.3	5.9
28	6160	GJSV 272	Banswara	29.0	86	3.0	27.3	
29			Bhawanipatna	27.5	83	4.6	30.1	
30			Rahuri	29.3	86	4.4	29.5	5.9
31	6161	CCH 15-5	Banswara	30.8	84	3.1	25.6	
32			Bhawanipatna	30.9	86	4.0	32.3	
33			Rahuri	32.3	88	3.8	31.5	6.0

### Br-13a PVT G. Barbadense

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
1	6171	ARBB 1502	Anand	31.5	84	3.7	35.3	
2			Rahuri	32.1	89	4.0	34.0	6.2
3	6172	CCB 11a	Anand	Sample not received				
4			Rahuri	38.2	87	3.4	39.4	6.2
5	6173	ZC	Anand	33.5	80	3.0	34.5	
6			Rahuri	32.9	85	3.8	34.3	6.2
7	6174	DB 1502	Anand	30.5	83	3.5	35.4	
8			Rahuri	31.6	88	4.0	36.1	6.2
9	6175	ARBB 1501	Anand	30.7	83	3.1	35.2	
10			Rahuri	30.8	86	3.9	35.6	6.1

### Br-14a CVT G. Barbadense

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
1	6181	ARBB 1402	Anand	31.7	83	3.1	36.7	
2			Rahuri	32.1	87	4.0	35.1	6.2
3	6182	ARBB 1401	Anand	31.6	83	3.3	37.0	
4			Rahuri	31.7	86	4.1	34.9	6.2
5	6183	ARBB 1302	Anand	31.2	83	3.0	35.6	
6			Rahuri	33.1	88	4.0	35.7	6.2
7	6184	ZC	Anand	34.3	83	3.0	38.3	
8			Rahuri	37.8	87	3.8	38.5	6.2

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
9	6185	CCB 29	Anand	34.1	83	3.2	34.9	
10			Rahuri	37.9	88	3.6	39.6	6.3
11	6186	TCB 37	Anand	33.4	83	3.5	38.8	
12			Rahuri	35.9	86	3.7	36.4	6.2

### Br-15a Co-ordinated Hybrid Trial

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)	E%
1	6191	RHB 1243	Anand	33.5	83	3.2	36.3	
2			Banswara	35.8	86	2.9	30.5	
3			Rahuri	35.3	86	3.2	34.1	6.1
4	6192	RHB 1008	Anand	32.2	82	3.8	35.6	
5			Banswara	33.9	87	3.2	31.1	
6			Rahuri	35.4	88	3.8	34.9	6.2
7	6193	Local Check	Anand	33.6	83	3.3	37.5	
8			Banswara	35.2	86	3.3	28.4	
9			Rahuri	33.3	86	3.7	32.2	6.1
10	6194	DHB 1501	Anand	32.5	84	3.8	36.5	
11			Banswara	34.6	88	3.0	29.6	
12			Rahuri	33.5	86	3.4	33.1	6.1
13	6195	RHB 1122	Anand	34.1	82	3.4	37.2	
14			Banswara	35.7	88	2.9	29.1	
15			Rahuri	36.9	87	3.5	34.9	6.2
16	6196	ZC	Anand	33.0	84	3.6	37.0	
17			Banswara	34.9	87	3.1	30.1	
18			Rahuri	36.1	86	3.3	34.6	6.1
19	6197	RHB 1123	Anand	32.8	82	3.6	36.0	
20			Banswara	35.2	85	2.9	27.7	
21			Rahuri	36.4	84	3.2	33.8	6.2

### Br-03b Preliminary Varietal Trial

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
1	6201	BGDS 1033	Bharuch	28.1	85	5.1	31.5
2			Banswara	28.4	84	3.8	26.5
3			Akola	28.7	84	4.1	31.1
4			Nanded	28.7	84	4.1	31.1

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
5	6202	Quality Check (Suraj)	Bharuch	31.8	86	4.1	35.4
6			Banswara	31.6	87	4.4	29.7
7			Akola	31.2	86	3.8	35.5
8			Nanded	31.2	86	3.8	35.5
9	6203	AKH 09-5	Bharuch	30.3	83	4.6	32.1
10			Banswara	30.3	84	4.2	23.7
11			Akola	29.6	84	4.0	30.4
12			Nanded	29.6	84	4.0	30.4
13	6204	NDLH 2005-4	Bharuch	30.4	84	4.5	32.1
14			Banswara	30.1	84	3.6	23.9
15			Akola	30.1	84	3.6	31.9
16			Nanded	30.1	84	3.6	31.9
17	6205	LC	Bharuch	28.4	85	4.7	32.4
18			Banswara	26.3	83	4.4	24.3
19			Akola	27.2	83	4.0	30.0
20			Nanded	27.2	83	4.0	30.0
21	6206	Zonal Check (NH 615)	Bharuch	29.7	84	4.5	31.7
22			Banswara	29.6	84	4.3	25.5
23			Akola	29.7	84	3.6	29.5
24			Nanded	29.7	84	3.6	29.5
25	6207	ARBH 1551	Bharuch	26.2	83	3.9	31.9
26			Banswara	28.6	85	3.9	27.5
27			Akola	27.3	85	3.7	29.6
28			Nanded	27.3	85	3.7	29.6
29	6208	BGDS 1055	Bharuch	28.2	85	4.5	31.2
30			Banswara	29.7	86	3.8	24.2
31			Akola	30.2	83	3.5	30.0
32			Nanded	30.2	83	3.5	30.0

**Br- 04b CVT G. Hirsutum**

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
1	6211	SCS 1061	Akola	26.7	83	4.1	29.2
2			Banswara	27.5	84	4.4	24.1
3			Bharuch	28.2	84	4.3	30.7
4			Nanded	26.7	83	4.1	29.2
5	6212	Zonal Check (NH 615)	Akola	29.1	84	4.0	30.3
6			Banswara	29.6	85	3.9	25.4
7			Bharuch	29.5	83	3.9	31.6
8			Nanded	29.1	84	4.0	30.3

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
9	6213	Quality Check (Suraj)	Akola	31.2	84	3.8	32.4
10			Banswara	29.4	85	4.1	25.2
11			Bharuch	32.3	86	4.3	34.1
12			Nanded	31.2	84	3.8	32.4
13	6214	GTHV 13/17	Akola	27.1	84	4.0	31.2
14			Banswara	26.4	82	4.9	27.6
15			Bharuch	26.1	83	4.2	31.9
16			Nanded	27.1	84	4.0	31.2
17	6215	BGHV 183	Akola	28.2	84	4.1	29.7
18			Banswara	28.3	83	4.6	26.6
19			Bharuch	28.3	85	4.5	32.4
20			Nanded	28.2	84	4.1	29.7
21	6216	RAH 1066	Akola	26.6	83	4.5	29.0
22			Banswara	26.7	83	5.1	25.8
23			Bharuch	28.9	84	4.9	31.0
24			Nanded	26.6	83	4.5	29.0
25	6217	LC	Akola	30.0	84	4.0	32.2
26			Banswara	26.4	83	3.4	27.3
27			Bharuch	27.4	84	4.1	32.6
28			Nanded	30.0	84	4.0	32.2
29	6218	SCS 1207	Akola	30.0	85	4.0	30.9
30			Banswara	29.5	83	3.6	24.2
31			Bharuch	30.5	83	4.1	33.5
32			Nanded	30.0	85	4.0	30.9

#### Br-05 b Coordinated Hybrid Trial

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
1	6221	NCS 5657	Akola	31.4	84	3.9	31.6
2			Bharauch	32.2	85	4.4	32.1
3			Hansot	29.0	83	4.9	31.1
4			Nanded	31.4	84	3.9	31.6
5	6222	GTHH 217	Akola	26.4	82	3.5	27.6
6			Bharauch	27.3	84	4.4	32.5
7			Hansot	24.8	83	4.6	29.5
8			Nanded	26.4	82	3.5	27.6
9	6223	CAHH 297	Akola	28.1	84	4.0	30.2
10			Bharauch	28.3	84	4.1	31.1
11			Hansot	26.6	82	4.2	28.6
12			Nanded	28.1	84	4.0	30.2

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
13	6224	ZC	Akola	30.3	83	3.9	32.4
14			Bharauch	31.0	84	4.2	32.6
15			Hansot	28.3	82	4.2	31.3
16			Nanded	30.3	83	3.9	32.4
17	6225	NHH 440	Akola	28.8	84	4.0	31.6
18			Bharauch	30.7	85	4.2	31.3
19			Hansot	29.0	84	4.5	31.0
20			Nanded	28.8	84	4.0	31.6
21	6226	Local Check	Akola	25.8	83	3.6	28.1
22			Bharauch	29.4	85	3.7	34.0
23			Hansot	27.0	84	4.2	32.0
24			Nanded	25.8	83	3.6	28.1
25	6227	ACH 151	Akola	28.2	85	3.4	31.5
26			Bharauch	28.4	86	4.0	31.3
27			Hansot	27.4	85	3.8	31.7
28			Nanded	28.2	85	3.4	31.5
29	6228	GTHH 215	Akola	25.8	83	4.0	29.0
30			Bharauch	26.9	85	4.9	30.4
31			Hansot	25.8	85	4.9	29.3
32			Nanded	25.8	83	4.0	29.0
33	6229	RAHH 630	Akola	30.7	83	3.4	31.5
34			Bharauch	29.1	85	3.9	31.8
35			Hansot	29.6	84	4.2	32.6
36			Nanded	30.7	83	3.4	31.5
37	6230	NHH 719	Akola	29.3	83	4.0	31.4
38			Bharauch	29.0	84	4.3	32.4
39			Hansot	29.0	85	4.7	33.0
40			Nanded	29.3	83	4.0	31.4

#### Br-06b PVT Compact Genotypes

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
1	6241	ANGC 1452	Akola	32.1	86	3.8	33.9
2			Nanded	32.1	86	3.8	33.9
3			Surat	31.2	85	3.6	35.1
4	6242	GISV 272	Akola	28.5	84	4.4	29.3
5			Nanded	28.5	84	4.4	29.3
6			Surat	28.1	85	4.3	30.8
7	6243	ANGC 1451	Akola	26.5	84	4.0	30.0
8			Nanded	26.5	84	4.0	30.0
9			Surat	28.5	85	4.5	31.1

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
10	6244	GSHV 180	Akola	26.7	83	3.5	30.3
11			Nanded	26.7	83	3.5	30.3
12			Surat	26.8	85	3.9	31.3
13	6245	GTHV 13/32	Akola	29.0	84	3.7	30.4
14			Nanded	29.0	84	3.7	30.4
15			Surat	29.1	85	4.4	30.5
16	6246	Local Check	Akola	27.3	84	4.0	29.7
17			Nanded	27.3	84	4.0	29.7
18			Surat	27.5	85	4.0	31.7
19	6247	RAHC 1019	Akola	30.9	83	3.8	33.1
20			Nanded	30.9	83	3.8	33.1
21			Surat	30.7	84	3.6	32.8
22	NR	CCH 15-8	Akola	28.6	83	4.5	29.8
23			Nanded	28.6	83	4.5	29.8
24			Surat	26.8	84	5.0	29.8

#### Br-24b CVT G. Arboreum

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
1	6251	PA 785	Akola	29.4	82	4.6	30.8
2			Amreli	26.7	83	5.3	29.3
3			Jalgaon	27.1	82	4.6	29.8
4			Junagadh	30.4	85	4.8	27.7
5			Parbhani	29.4	82	4.6	30.8
6	6252	Zonal Check (AKA 7)	Akola	26.9	83	5.1	29.3
7			Amreli	26.2	83	5.4	29.8
8			Jalgaon	24.6	84	4.8	28.4
9			Junagadh	26.9	83	5.1	26.9
10	6253	PA 801	Parbhani	26.9	83	5.1	29.3
11			Akola	27.3	84	5.1	31.7
12			Amreli	25.3	83	5.3	29.1
13			Jalgaon	26.4	83	4.1	29.9
14			Junagadh	27.2	84	4.7	29.4
15	Parbhani	27.3	84	5.1	31.7		
16	6254	JLA-0906	Akola	26.4	84	4.9	31.0
17			Amreli	26.9	83	5.2	29.4
18			Jalgaon	26.3	83	4.9	29.7
19			Junagadh	27.3	84	5.1	28.4
20	Parbhani	26.4	84	4.9	31.0		

<b>Sr. No.</b>	<b>Code No.</b>	<b>Entry Name</b>	<b>Location</b>	<b>UHML (mm)</b>	<b>UI</b>	<b>Mic</b>	<b>Str (g/tex)</b>
21	6255	NDLA 3068	Akola	26.6	84	5.4	29.7
22			Amreli	26.7	83	5.9	28.0
23			Jalgaon	24.7	82	5.1	27.7
24			Junagadh	26.4	82	5.2	27.9
25			Parbhani	26.6	84	5.4	29.7
26	6256	GAM 235	Akola	28.4	83	4.9	29.8
27			Amreli	26.4	83	5.4	29.4
28			Jalgaon	26.1	82	4.4	28.1
29			Junagadh	27.4	84	4.5	26.0
30			Parbhani	28.4	83	4.9	29.8
31	6257	LC	Akola	26.1	84	5.2	30.6
32			Amreli	27.1	83	5.7	29.2
33			Jalgaon	24.7	82	4.6	27.1
34			Junagadh	26.8	83	4.5	28.9
35			Parbhani	26.1	84	5.2	30.6
36	6258	GAM 231	Akola	28.8	83	4.2	30.3
37			Amreli	28.3	81	4.9	28.1
38			Jalgaon	26.8	81	3.8	27.3
39			Junagadh	28.9	80	4.5	24.8
40			Parbhani	28.8	83	4.2	30.3
41	6259	JLA-0614	Akola	26.5	83	5.1	31.0
42			Amreli	26.6	83	5.6	29.4
43			Jalgaon	26.1	83	4.9	28.5
44			Junagadh	25.9	84	4.8	26.1
45			Parbhani	26.5	83	5.1	31.0
46	6260	PA 812	Akola	30.0	84	4.8	31.9
47			Amreli	29.3	82	4.9	31.1
48			Jalgaon	28.1	83	4.1	31.0
49			Junagadh	29.4	84	4.2	27.5
50			Parbhani	30.0	84	4.8	31.9
51	6261	CSA 1028	Akola	27.9	82	5.0	31.7
52			Amreli	27.8	82	5.8	29.7
53			Jalgaon	26.4	84	4.3	31.5
54			Junagadh	26.1	82	4.7	26.7
55			Parbhani	27.9	82	5.0	31.7



**Br-25b PHT**

<b>Sr. No.</b>	<b>Code No.</b>	<b>Entry Name</b>	<b>Location</b>	<b>UHML (mm)</b>	<b>UI</b>	<b>Mic</b>	<b>Str (g/tex)</b>
1	6271	GSGDH 521	Akola	26.3	83	5.0	30.6
2			Amreli	25.2	81	6.5	27.3
3			Bilda	21.6	80	4.6	21.5
4			Jalgaon	25.5	81	4.9	27.4
5			Junagadh	24.6	81	4.5	25.7
6			Parbhani	26.3	83	5.0	30.6
7	6272	BDAA 011	Akola	25.1	83	6.1	27.1
8			Amreli	24.1	82	6.2	26.1
9			Bilda	23.1	81	5.2	26.3
10			Jalgaon	23.8	82	5.7	25.9
11			Junagadh	26.3	82	5.7	25.1
12			Parbhani	25.1	83	6.1	27.1
13	6273	LC	Akola	25.7	84	5.6	29.9
14			Amreli	24.8	81	6.2	26.6
15			Bilda	22.7	81	4.6	23.9
16			Jalgaon	27.2	83	4.7	30.2
17			Junagadh	25.3	79	5.5	23.2
18			Parbhani	25.7	84	5.6	29.9
19	6274	PKV DH 1 (Zonal Check)	Akola	26.1	83	6.0	29.0
20			Amreli	25.6	84	5.7	29.6
21			Bilda	23.0	83	4.3	25.4
22			Jalgaon	26.4	83	4.7	30.3
23			Junagadh	24.1	79	6.0	23.8
24			Parbhani	26.1	83	6.0	29.0
25	6275	AAH 37	Akola	24.6	83	6.1	27.5
26			Amreli	23.6	81	6.0	24.5
27			Bilda	21.2	78	5.0	20.9
28			Jalgaon	24.2	83	4.7	26.4
29			Junagadh	24.1	80	5.7	24.4
30			Parbhani	24.6	83	6.1	27.5

## South Zone Trials

### Br-03a PVT G. Hirsutum (Irrigated)

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
1	6501	BGDS 1033	Arabhavi	28.9	85	4.8	31.6
2			Lam	27.1	81	4.9	29.3
3			Raichur	28.5	86	5.0	30.9
4			Srivilliputhur	28.2	87	4.6	30.4
5	6502	RAH 1069	Arabhavi	30.0	85	4.8	32.8
6			Lam	27.4	81	3.5	29.4
7			Raichur	29.7	86	4.9	31.6
8			Srivilliputhur	27.1	84	3.4	28.9
9	6503	Local Check	Arabhavi	29.7	85	4.8	32.0
10			Lam	28.2	83	2.9	29.7
11			Raichur	32.2	85	3.7	34.6
12			Srivilliputhur	27.3	85	5.0	29.7
13	6504	GSHV 173	Arabhavi	30.7	87	4.2	34.0
14			Lam	29.9	84	4.1	32.2
15			Raichur	30.9	88	4.0	34.3
16			Srivilliputhur	30	87	2.9	29.7
17	6505	CPD 1501	Arabhavi	30.4	85	4.3	32.5
18			Lam	28.8	80	3.9	31.8
19			Raichur	29.2	86	4.4	32.2
20			Srivilliputhur	31.6	85	3.7	33.6
21	6506	ZC	Arabhavi	31.9	86	4.5	35.8
22			Lam	31.4	83	3.4	34.5
23			Raichur	31.8	89	4.8	35.4
24			Srivilliputhur	31.9	85	3.1	35.1
25	6507	BGDS 1055	Arabhavi	30.2	82	5.1	32.8
26			Lam	27.2	81	5.1	29.4
27			Raichur	27.9	85	5.3	30.2
28			Srivilliputhur	26.4	83	4.6	28
29	6508	Shakti Sultan (SSGR 105)	Arabhavi	27.3	85	5.1	30.0
30			Lam	26.4	79	4.2	28.7
31			Raichur	27.3	84	4.9	29.6
32			Srivilliputhur	26.4	83	4.6	28

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
33	6509	TCH 1716	Arabhavi	30.6	83	4.4	33.7
34			Lam	27.5	81	3.3	38.4
35			Raichur	35.4	85	3.9	37
36			Srivilliputhur	33.1	84	3.0	35.2
37	6510	CCH 15-1	Arabhavi	32.7	86	4.3	38.2
38			Lam	33.5	83	3.2	38.4
39			Raichur	34.8	87	4.1	40.1
40			Srivilliputhur	30.7	87	3.1	33.4

**Br-04a CVT G. Hirsutum (Irrigated)**

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
1	6511	Shakti Sultan	Arabhavi	29.0	85	3.7	32.0
2			Lam	28.8	83	4.0	31.4
3			Raichur	29.8	87	4.3	33.0
4			Srivilliputhur	28.6	84	3.3	30.0
5	6512	GJHV 497	Arabhavi	31.0	86	3.7	33.9
6			Lam	29.3	83	4.3	31.6
7			Raichur	30.1	86	4.7	33.5
8			Srivilliputhur	28.8	86	3.9	29.7
9	6513	ZC	Arabhavi	31.7	88	4.1	35.8
10			Lam	30.4	82	4.2	33.5
11			Raichur	32.8	88	4.8	36.4
12			Srivilliputhur	31.7	88	3.3	34.8
13	6514	GSHV 177	Arabhavi	29.9	86	4.7	32.8
14			Lam	31.0	81	4.7	34.7
15			Raichur	31.8	88	4.7	36.4
16			Srivilliputhur	29.0	86	4.7	31.6
17	6515	LC	Arabhavi	29.2	85	4.7	31.5
18			Lam	29.5	84	3.5	31.7
19			Raichur	33.1	87	3.9	37.7
20			Srivilliputhur	30.1	86	3.9	33.6
21	6516	CCH 14-1	Arabhavi	32.2	85	4.3	36.1
22			Lam	31.9	84	3.4	35.6
23			Raichur	33.8	87	4.4	37.3
24			Srivilliputhur	31.0	87	3.6	33.7

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

Sr.No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
1	6521	RHH-1007	Dharwad	30.3	87	3.7	33.5
2			Lam	29.5	84	4.4	32.1
3			Raichur	31.1	88	4.2	35.0
4			Srivilliputhur	28.9	89	4.2	31.3
5	6522	BGDHH 692	Dharwad	32.6	86	4.0	35.1
6			Lam	29.8	83	4.4	32.2
7			Raichur	30.7	86	4.6	34.7
8			Srivilliputhur	29.5	87	4.0	32.9
9	6523	RHH 1215	Dharwad	32.6	86	4.0	35.1
10			Lam	29.4	82	4.0	30.2
11			Raichur	28.7	85	4.9	31.1
12			Srivilliputhur	28.6	85	3.4	31.3
13	6524	LC	Dharwad	27.0	80	4.4	28.6
14			Lam	29.5	83	3.9	31.7
15			Raichur	28.8	84	3.8	29.7
16			Srivilliputhur	29.5	86	3.2	31.0
17	6525	BGDHH 693	Dharwad	30.3	86	4.3	30.7
18			Lam	29.4	84	4.5	32.1
19			Raichur	30.0	87	5.3	32.2
20			Srivilliputhur	29.6	86	3.9	31.3
21	6526	LAHH 25	Dharwad	34.2	87	3.7	34.1
22			Lam	32.4	84	3.5	33.5
23			Raichur	33.2	86	4.1	36.5
24			Srivilliputhur	33.1	87	3.2	35.8
25	6527	NSC 5657	Dharwad	32.4	86	4.1	33.6
26			Lam	33.3	83	4.6	34.8
27			Raichur	33.4	86	4.5	37.8
28			Srivilliputhur	33.1	87	3.2	35.8
29	6528	ARBHH 1601	Dharwad	28.6	83	4.0	30.2
30			Lam	28.3	81	3.6	30.2
31			Raichur	29.7	85	3.4	33.1
32			Srivilliputhur	28.7	85	2.8	31.6
33	6529	LAHH 29	Dharwad	30.8	86	3.5	31.9
34			Lam	30.2	83	3.9	32.4
35			Raichur	31.4	87	3.5	35.0
36			Srivilliputhur	29.3	83	3.1	32.2

Sr.No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)	
37	6530	RAHH 691	Dharwad	31.2	85	3.4	33.1	
38			Lam	31.4	83	3.6	33.8	
39			Raichur	Sample not received				
40			Srivilliputhur	31.7	86	2.9	34.5	
41	6531	ZC	Dharwad	31.8	84	3.8	32.6	
42			Lam	31.2	82	3.7	33.1	
43			Raichur	31.6	87	3.8	36.0	
44			Srivilliputhur	31.7	86	2.9	34.5	
45	6532	ARBHH 1602	Dharwad	32.2	84	3.4	32.5	
46			Lam	31.9	84	3.8	34.5	
47			Raichur	29.6	85	3.4	32.8	
48			Srivilliputhur	30.8	86	2.6	34.5	
49	6533	GTHH 217	Dharwad	28.3	84	3.2	30.1	
50			Lam	27.0	82	4.5	29.1	
51			Raichur	29.1	87	4.3	31.6	
52			Srivilliputhur	26.7	84	3.6	28.1	
53	6534	MRC 7398	Dharwad	31.9	86	3.8	34.3	
54			Lam	31.0	82	3.7	33.0	
55			Raichur	31.1	85	3.6	35.4	
56			Srivilliputhur	29.7	84	3.2	32.3	
57	6535	LAHH 26	Dharwad	33.4	85	3.6	33.6	
58			Lam	Sample not received				
59			Raichur	32.4	85	3.4	36.7	
60			Srivilliputhur	33.2	86	3.0	34.9	
61	6536	BGDHH 697	Dharwad	31.6	86	3.7	31.0	
62			Lam	31.8	84	4.1	33.5	
63			Raichur	30.3	87	4.6	33.3	
64			Srivilliputhur	30.4	87	3.4	33.7	
65	6537	BGDHH 697	Dharwad	29.8	83	3.4	32.0	
66			Lam	29.0	83	3.4	31.8	
67			Raichur	28.5	85	3.7	31.6	
68			Srivilliputhur	Sample not received				
69	6538	SHH 902	Dharwad	30.1	85	5.1	30.0	
70			Lam	28.8	83	4.5	30.3	
71			Raichur	28.5	87	5.1	31.1	
72			Srivilliputhur	28.4	84	3.1	29.7	
73	NR	GJHH 5	Dharwad	Sample not received				
74			Srivilliputhur	28.7	84	2.6	31.7	

**Br-06a –PVT Compact Genotypes (Rainfed)**

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
1	6541	RS 2814	Arabhavi	29.2	85	4.1	32.1
2			Lam	28.8	82	3.5	30.5
3			Mudhol	27.9	84	3.9	29.9
4			Raichur	28.8	85	4.2	31.2
5			Srivilliputtur	27.6	84	3.3	29.5
6	6542	GTHV 13/32	Arabhavi	30.4	86	4.6	32.9
7			Lam	29.6	84	3.4	31.6
8			Mudhol	26.0	83	4.3	28.2
9			Raichur	29.2	85	5.0	30.6
10			Srivilliputtur	31.2	84	2.8	33.5
11	6543	RAHC 1017	Arabhavi	29.1	86	3.9	32.4
12			Lam	31.3	82	3.1	33.7
13			Mudhol	31.3	86	3.9	32.8
14			Raichur	32.0	85	4.4	35.5
15			Srivilliputtur	32.4	86	3.0	35.8
16	6544	DSC-1501	Arabhavi	30.8	85	4.3	31.0
17			Lam	27.4	80	3.4	29.1
18			Mudhol	26.5	83	4.8	28.6
19			Raichur	29.1	86	4.9	32.5
20			Srivilliputtur	29.4	84	2.8	31.6
21	6545	Local Check	Arabhavi	29.6	86	4.1	32.5
22			Lam	27.9	84	3.4	30.1
23			Mudhol	29.2	84	4.4	32.1
24			Raichur	30.0	84	5.0	32.8
25			Srivilliputtur	27.0	84	3.2	28.7
26	6546	RS 2821	Arabhavi	29.6	86	4.1	33.2
27			Lam	27.2	81	3.3	29.2
28			Mudhol	26.8	83	3.9	29.2
29			Raichur	28.3	86	4.4	30.8
30			Srivilliputtur	31.5	86	2.9	33.9
31	6547	LHDP 1	Arabhavi	30.7	86	4.1	33.8
32			Lam	27.2	81	4.5	29.1
33			Mudhol	27.7	83	4.9	29.5
34			Raichur	28.2	86	5.1	31.0
35			Srivilliputtur	29.0	85	4.1	31.5

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)	
36	6548	RAHC 1012	Arabhavi	30.0	86	4.1	33.6	
37			Lam	28.7	82	3.3	31.5	
38			Mudhol	29.5	85	4.0	32.4	
39			Raichur	30.0	86	5.1	32.1	
40			Srivilliputtur	29.4	83	3.2	31.5	
41	NR	CCH 15-5	Arabhavi	30.5	84	4.4	32.9	
42			Lam	29.4	84	3.8	31.2	
43			Mudhol	Sample not received				
44			Raichur	Sample not received				
45			Srivilliputtur	31.4	86	2.8	33.8	

**Br-13a – Preliminary Varietal Trial *G. barbadense***

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
1	6551	ARBB 1501	Coimbatore	33.2	84	3.8	38.8
2			Dharwad	33.5	87	3.4	38.5
3			Lam	35.0	84	3.6	36.4
4	6552	CCB 11a	Coimbatore	Sample not received			
5			Dharwad	38.9	88	3.1	45.6
6			Lam	Sample not received			
7	6553	DB 1501	Coimbatore	32.1	83	3.6	35.9
8			Dharwad	34.0	86	3.2	39.7
9			Lam	34.8	83	3.6	35.9
10	6554	ARBB 1402	Coimbatore	31.4	84	3.6	34.1
11			Dharwad	33.5	88	3.6	38.2
12			Lam	35.8	84	3.4	36.7
13	6555	ZC	Coimbatore	33.2	83	2.9	35.3
14			Dharwad	38.1	87	3.5	42.8
15			Lam	37.0	82	3.0	37.8
16	6556	ARBB 1401	Coimbatore	32.2	84	3.5	34.9
17			Dharwad	32.7	86	3.6	37.5
18			Lam	34.1	83	3.5	36.6
19	6557	CCB 29	Coimbatore	30.6	83	3.1	32.3
20			Dharwad	38.1	86	3.1	44.3
21			Lam	36.9	82	3.0	38.3

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
22	6558	DB 1502	Coimbatore	31.5	83	3.5	34.9
23			Dharwad	32.9	87	3.7	36.2
24			Lam	33.6	83	3.5	35.5
25	6559	ARBB 1502	Coimbatore	32.9	85	3.6	37.3
26			Dharwad	33.3	85	3.6	38.1
27			Lam	33.4	83	3.3	35.9

**Br-15a – Coordinated Hybrid Trial**

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
1	6561	DHB 1012	Coimbatore	34.3	84	3.2	37.8
2			Dharwad	36.4	86	3.5	39.2
3			Lam	35.8	82	2.9	38.4
4	6562	ZC	Coimbatore	34.3	86	3.1	39.0
5			Dharwad	38.8	86	3.5	39.3
6			Lam	35.5	82	2.9	38.3
7	6563	DHB 1501	Coimbatore	31.4	85	3.8	34.9
8			Dharwad	34.6	87	3.2	38.9
9			Lam	33.8	84	3.0	37.7
10	6564	DHB 1009	Coimbatore	35.1	85	3.4	39.6
11			Dharwad	37.1	87	3.5	39.7
12			Lam	35.8	83	3.1	38.0
13	6565	Local Check	Coimbatore	34.8	84	3.4	36.2
14			Dharwad	33.8	87	3.2	38.2
15			Lam	Sample not received			
16	6566	RHB 1008	Coimbatore	31.9	86	3.5	35.4
17			Dharwad	34.5	87	3.6	40.7
18			Lam	35.0	84	3.2	36.9
19	6567	RHB 1122	Coimbatore	35.0	84	3.4	36.7
20			Dharwad	38.6	86	3.6	41.1
21			Lam	35.4	87	2.9	36.3
22	6568	RHB 1243	Coimbatore	35.3	85	3.1	36.8
23			Dharwad	37.5	86	3.1	38.8
24			Lam	Sample not received			



**Br03b – Preliminary Varietal Trial**

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
1	6571	NDLH 2082-2	Dharwad	31.7	86	3.9	35.7
2			Nandyal	29.3	83	3.6	32.0
3			Perambalur	31.9	88	4.0	34.1
4	6572	BGDS 1033	Dharwad	28.9	86	4.0	31.9
5			Nandyal	27.5	85	4.2	29.8
6			Perambalur	28.0	84	4.1	30.0
7	6573	Zonal Check (Sahana)	Dharwad	29.5	86	4.1	33.0
8			Nandyal	27.7	81	3.7	30.5
9			Perambalur	28.3	84	3.8	31.3
10	6574	AKH 09-5	Dharwad	30.1	85	4.5	31.6
11			Nandyal	30.5	86	3.8	34.1
12			Perambalur	29.6	84	4.5	31.8
13	6575	GBHV 195	Dharwad	28.3	83	4.3	30.9
14			Nandyal	26.3	81	4.6	28.4
15			Perambalur	27.6	86	4.8	29.2
16	6576	QC	Dharwad	32.8	87	4.2	38.0
17			Nandyal	31.8	84	4.1	36.4
18			Perambalur	32.3	87	4.1	<b>35.1</b>
19	6577	GTHV 13/17	Dharwad	28.4	85	4.3	30.0
20			Nandyal	26.4	83	4.5	28.4
21			Perambalur	27.6	84	5.1	29.3
22	6578	ARBH 1551	Dharwad	28.9	86	3.9	31.7
23			Nandyal	28.4	81	3.4	31.6
24			Perambalur	28.7	85	3.7	31.4
25	6579	GBHV 183	Dharwad	29.2	85	4.1	32.1
26			Nandyal	26.9	81	3.6	28.5
27			Perambalur	29.4	84	4.4	32.2
28	6580	LC	Dharwad	29.2	83	4.1	32.5
29			Nandyal	29.7	81	3.6	31.6
30			Perambalur	28.0	85	4.1	30.1
31	6581	SCS 1061	Dharwad	28.9	84	4.4	32.1
32			Nandyal	27.9	82	4.5	30.3
33			Perambalur	29.1	85	4.9	31.7

**Br05b – Coordinated Hybrid Trial**

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
1	6601	GTHH 215	Dharwad	29.2	85	4.6	32.3
2			Nandyal	26.5	82	4.6	27.7
3			Perambalur	27.8	85	4.9	30.5
4	6602	Local Check	Dharwad	29.5	84	4.0	33.1
5			Nandyal	27.0	82	4.0	29.4
6			Perambalur	28.7	80	3.0	30.5
7	6603	DHH 1652	Dharwad	30.4	86	4.0	34.0
8			Nandyal	29.5	86	4.7	33.0
9			Perambalur	29.1	84	4.0	32.1
10	6604	Local Check	Dharwad	33.0	87	3.8	36.5
11			Nandyal	31.3	85	3.5	35.5
12			Perambalur	31.0	85	4.2	33.2
13	6605	ACH 151	Dharwad	29.6	86	3.4	32.0
14			Nandyal	28.2	85	4.0	31.1
15			Perambalur	29.1	86	4.1	32.1
16	6606	BGDHH 692	Dharwad	32.2	87	4.1	36.0
17			Nandyal	30.2	83	4.2	32.8
18			Perambalur	31.6	85	4.3	34.9
19	6607	RAHH 630	Dharwad	29.8	85	3.6	33.2
20			Nandyal	29.8	83	3.6	31.6
21			Perambalur	29.4	85	4.2	32.6
22	6608	NCS 5657	Dharwad	33.0	88	4.3	37.7
23			Nandyal	32.1	85	4.6	33.0
24			Perambalur	31.5	84	4.8	33.0
25	6609	DHH 1651	Dharwad	28.5	86	3.9	31.3
26			Nandyal	27.3	83	3.7	29.4
27			Perambalur	28.7	84	4.0	31.2
28	6610	GTHH 217	Dharwad	28.6	84	3.9	31.0
29			Nandyal	25.2	82	4.1	26.8
30			Perambalur	27.9	85	4.8	30.1
31	6611	ARBHH 1651	Dharwad	29.9	85	4.0	33.4
32			Nandyal	26.4	79	3.6	27.9
33			Perambalur	29.0	83	3.9	32.0
34	6612	RAHH 690	Dharwad	29.6	87	3.9	32.9
35			Nandyal	30.6	85	3.8	32.0
36			Perambalur	30.5	86	3.9	33.6

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
37	6613	RAHH 691	Dharwad	33.5	87	3.7	37.7
38			Nandyal	31.4	85	4.1	35.1
39			Perambalur	30.9	84	4.1	32.3

### Br06b – Preliminary Varietal Trial Compact Genotypes

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
1	6621	GSHV 180	Dharwad	30.4	86	4.6	33.3
2			Mudhol	26.7	84	3.9	28.9
3			Nandyal	27.5	82	4.1	29.6
4			Perambalur	29.3	85	5.1	31.0
5	6622	ANGC 145	Dharwad	32.8	88	4.3	37.4
6			Mudhol	32.0	83	3.7	34.4
7			Nandyal	32.3	83	4.1	36.3
8			Perambalur	30.9	86	4.8	33.5
9	6623	GTHV 13/32	Dharwad	31.0	87	4.0	33.5
10			Mudhol	28.7	83	3.5	30.8
11			Nandyal	29.8	82	4.2	31.7
12			Perambalur	28.4	85	4.9	31.5
13	6624	LC	Dharwad	28.9	85	4.7	32.1
14			Mudhol	28.6	86	3.2	31.3
15			Nandyal	30.8	84	4.1	33.9
16			Perambalur	31.9	87	4.8	34.5
17	6625	GISV 272	Dharwad	30.2	86	4.7	32.7
18			Mudhol	29.4	85	3.6	32.9
19			Nandyal	29.0	84	4.3	32.1
20			Perambalur	30.6	87	4.9	33.0
21	6626	LHDP 1	Dharwad	29.6	87	4.6	33.0
22			Mudhol	27.2	83	4.2	29.2
23			Nandyal	27.6	85	4.3	30.3
24			Perambalur	28.0	86	4.3	30.7
25	6627	ARBC 1551	Dharwad	32.8	87	3.5	36.6
26			Mudhol	31.0	87	3.6	33.6
27			Nandyal	32.0	85	4.2	35.7
28			Perambalur	31.7	89	4.8	33.1
29	6628	DSC 1351	Dharwad	27.3	85	4.2	29.9
30			Mudhol	25.2	85	4.0	27.0
31			Nandyal	26.6	82	4.5	28.9

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
32			Perambalur	SAMPLE NOT RECEIVED			
33	6629	CCH 15-8	Dharwad	32.5	86	4.1	36.3
34			Mudhol	29.8	83	3.6	33.4
35			Nandyal	29.9	83	3.8	32.5
36			Perambalur	31.4	86	4.1	34.7

**Br24b – Coordinated Varietal Trial G. arboretum**

Sr. No.	Code No.	Entry Name	Location	UHML (mm)	UI	Mic	Str (g/tex)
1	6631	AKA 2008-7	Dharwad	25.5	83	5.3	27.1
2			Nandyal	26.5	84	6.0	28.6
3	6632	DWDa1501	Dharwad	25.8	85	5.4	27.0
4			Nandyal	27.6	82	5.3	30.4
5	6633	ZC	Dharwad	27.8	82	5.3	30.6
6			Nandyal	28.1	81	5.5	30.0
7	6634	PA801	Dharwad	26.4	84	4.8	27.5
8			Nandyal	28.0	84	5.5	30.8
9	6635	GAM-219	Dharwad	25.4	83	5.3	26.7
10			Nandyal	26.4	82	5.7	28.9
11	6636	Local Check	Dharwad	26.8	85	5.4	28.1
12			Nandyal	25.4	83	5.8	27.3
13	6637	DWDa1502	Dharwad	30.2	83	4.8	32.6
14			Nandyal	28.0	84	5.2	30.9
15	6638	ARBa 1501	Dharwad	26.9	83	5.6	28.0
16			Nandyal	26.3	82	5.4	28.5
17	6639	PA 812	Dharwad	29.7	84	4.7	32.6
18			Nandyal	29.2	84	5.4	32.4
19	6640	GAM-235	Dharwad	28.6	81	5.3	30.9
20			Nandyal	25.9	81	5.1	27.5

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

### NATIONAL TRIALS

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

S. No	Code	Name of Entry	Sponsor	Locations	Local Check (2 pkts)
1.	601	PBH 47	PAU, Bathinda	SGNR	RS 2013
2.	602	WGCV 79	RARS, Warangal	Hisar	H 1236
3.	603	H 1489	CCS HAU, Hisar	Faridkot	LH 2108
4.	604	AR-9108	Shakti Vardhak	Bathinda	LH 2108
5.	605	ZC (F 2228/ RHC 0717/Suraj)		Sirsa (C)	H 1236
6.	606	F 2462	PAU, Faridkot	Kanpur	Vikas
7.	607	L 799	ANGRAU, Lam	Banswara	Wagad Kalyan
8.	608	TSH 327	TNAU, Srivilliputhur	Surat	GN.Cot. 22
9.	609	BS 1	OUAT, Bhawanipatna	Talod	GN.Cot. 22
10.	610	RAH 1071	UAS, Raichur	Junagadh	GN.Cot. 22
11.	611	RHC – 1217	MPKV, Rahuri	Rahuri	RHC 688
12.	612	CSH 3269	CICR, Sirsa	Bhawanipatna	Surabhi
13.	613	CPD-1602	UAS Dharwad	Raichur	Sujay
14.	614	RB – 616	ARS, Banswara	B'Gudi	Sujay
15.	615	RAH 1070	UAS, Raichur	Lam	L 604
16.	616	CCH 16-1	CICR, Coimbatore	Coimbatore	MCU. 13
17.	617	SIMA 5	SIMA CDRA	Srivilliputhur	SVPR. 4
18.	618	GJHV-518	JAU - Junagadh	Arabhavi	ARBH 813
19.	619	HS 297	CCS HAU, Sirsa	Chamrajnagar	Sahana
20.	620	GISV 310	NAU-Surat		
21.	621	PBH 42	PAU, Bathinda		
22.	622	RS 2835	ARS, Sriganaganagar		
23.	623	CCH 16-2	CICR, Coimbatore		
24.	624	CNH 39	CICR, Nagpur		
25.	625	Quality Check(F 2164/Suraj/Suraj)			
26.	626	CSH 2811	CICR, Sirsa		
27.	627	GSHV 185	NAU-Surat		
28.	628	BGDS 1072	UAS, B' Gudi		
29.	629	TSH 324	TNAU, Srivilliputhur		
30.	630	Sartaj	Shakti Agrotech		
31.	631	CNH 108	CICR, Nagpur		
32.	632	RHC – 1202	MPKV, Rahuri		
33.	633	ARBH-1601	UAS Arabhavi		
34.	634	TCH 1199	TNAU, Coimbatore		
35.	635	Local Check			
36.	636	L 1384	ANGRAU, Lam		
37.	637	GJHV-477	JAU - Junagadh		
38.	638	BS 2	OUAT, Bhawanipatna		
39.	639	RB - 617	ARS, Banswara		
40.	640	F 2453	PAU, Faridkot		
41.	641	HS 298	CCS HAU, Sirsa		
42.	642	CPD-1601	UAS Dharwad		

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

S. No	Code	Name of Entry	Sponsor	Locations	Local Check (2)
1.	651	WGCV 48	RARS, Warangal	Banswara	Wagad Kalyan
2.	652	NDLH – 2027	ANGRAU, Nandyal	Bharuch	G.Cot.16
3.	653	BS 2	OUAT, Bhawanipatna	CICR, Nagpur	AKH 8828
4.	654	IH 11-2	RVSKVV, Indore	Akola	AKH 8828
5.	655	RB – 611	ARS, Banswara	Nanded	NH 545
6.	656	ZC (NH 615/ NDLH 1938)		Dharwad	Sahana
7.	657	RAH 1070	UAS, Raichur	Nandyal	Sivanandhi
8.	658	TKH 1185/1/3	TNAU, Kovilpatti	Perambalur	KC 3
9.	659	PH 1071	VNMKV, Nanded		
10.	660	CPD-1651	UAS Dharwad		
11.	661	Quality Check (Suraj)			
12.	662	GBHV-184	NAU-Bharuch		
13.	663	L 1060	ANGRAU, Lam		
14.	664	CNH 1125	CICR, Coimbatore		
15.	665	CNH 09-77	CICR, Nagpur		
16.	666	AKH-1301	PDKV, Akola		
17.	667	H 1489	CCS HAU, Hisar		
18.	668	RAH 1071	UAS, Raichur		
19.	669	CNH 7012	CICR, Nagpur		
20.	670	CPD-1652	UAS Dharwad		
21.	671	BS 1	OUAT, Bhawanipatna		
22.	672	BGDS 1072	UAS, B' Gudi		
23.	673	TKH 0250/2	TNAU, Kovilpatti		
24.	674	GBHV-185	NAU-Bharuch		
25.	675	Local Check			
26.	676	CCH 16-3	CICR, Coimbatore		
27.	677	IH 11-12	RVSKVV, Indore		
28.	678	RB – 610	ARS, Banswara		
29.	679	NDLH - 2030-2	ANGRAU, Nandyal		
30.	680	ARBH-1651	UAS Arabhavi		

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

S. No.	Code	Genotype	Sponsor	Location	Local Check (2)
1.	701	RS 2827	ARS, Sriganaganagar	Faridkot	F 2383
2.	702	RHC-1312	MPKV, Rahuri	Hisar	H 1098-I
3.	703	DSC-1601	UAS Dharwad	Sriganaganagar	RS 875
4.	704	RAHC 1021	UAS, Raichur	Talod	G. Cot. 20
5.	705	GJHV 522	JAU, Junagadh	Bhawanipatna	Suraj
6.	706	GISV 298	NAU-Surat	Rahuri	Phule 688
7.	707	F 2639	PAU, Faridkot	Coimbatore	Suraj
8.	708	BS 30	OUAT, Bhawanipatna	Raichur	RAH 100
9.	709	Local Check		Lam	L 604
10.	710	CSH 5640	CICR, Sirsa		
11.	711	TCH 1819	TNAU, Coimbatore		
12.	712	CCH 16-5	CICR, Coimbatore		
13.	713	TCH 1873	TNAU, Coimbatore		
14.	714	RS 2818	ARS, Sriganaganagar		
15.	715	ARBC-1601	UAS Arabhavi		
16.	716	RHC-1333	MPKV, Rahuri		
17.	717	RAHC 1020	UAS, Raichur		
18.	718	H 1506	CCS HAU, Hisar		
19.	719	CSH 31292	CICR, Sirsa		
20.	NR	CCH 16-6	CICR, Coimbatore		

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

S. No.	Code	Genotype	Sponsor	Location	Local Check
1.	751	CNH 15	CICR, Nagpur	Akola	AKH 8828
2.	752	DSC-1651	UAS Dharwad	Nanded	NH 615
3.	753	LHDP 2	Lam, Guntur	Surat	G.Cot.20
4.	754	ARBC-1651	UAS Arabhavi	Kovilpatti	KC 3
5.	755	RAHC 1020	UAS, Raichur	Nandyal	Siva Nandi
6.	756	Local Check		Dharwad	ARBH 813
7.	757	CNH 09-4	CICR, Nagpur		
8.	758	AKH-13-55	PDKV, Akola		
9.	759	CCH 16-7	CICR, Coimbatore		
10.	760	CNH 1123	CICR, Nagpur		
11.	761	CNH 75	CICR, Nagpur		
12.	762	CCH 16-8	CICR, Coimbatore		
13.	763	BS 30	OUAT, Bhawanipatna		
14.	764	CNH 09-62	CICR, Nagpur		
15.	765	RAHC 1021	UAS, Raichur		
16.	766	CNH 1122	CICR, Nagpur		

**Br 12 a. IET OF *G. barbadense***

S. No	Code	Name of Entry	Sponsor	Locations
1.	801	DB-1601	UAS Dharwad	Surat
2.	802	CCB 51	CICR, Coimbatore	Rahuri
3.	803	RHCb-1014	MPKV, Rahuri	Coimbatore
4.	804	Suvin (CC)		Dharwad
5.	805	SB SG 1-5	SIMA, Coimbatore	Lam
6.	806	CCB 143	CICR, Coimbatore	
7.	807	DB-1602	UAS Dharwad	

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

S. No	Code	Name of Entry	Sponsor	Locations	Local Check (2)
1.	811	DHB-1601	UAS Dharwad	Anand	G.Cot.Hy.102
2.	812	CCHB 20	CICR, Coimbatore	Rahuri	Phule 388
3.	813	DCH 32 (CC)		Banswara	DCH 32
4.	814	Local Check		Lam	DHB 915
5.	815	ARBHB-1601	UAS Arabhavi	Dharwad	DHB 915
6.	816	LAHB- 1	ANGRAU, Lam	Coimbatore	TCHB 213
7.	817	DHB-1602	UAS Dharwad	Chamrajnagar	DHB 915
8.	818	ARBHB-1602	UAS Arabhavi	Dharwad (KSSC)	DHB 915

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

S. No	Code	Entry	Sponsored by	Locations	Local Check (2)
1.	851	DWDa-1602	UAS Dharwad	SGNR	RG 8
2.	852	JLA-1110	MPKV, Jalgaon	Faridkot	LD 949
3.	853	PBD 10	PAU, Bhathinda	Kanpur	RG 8
4.	854	CNA 1032	UAS, B' Gudi	Bathinda	LD 949
5.	855	FDK 272	PAU, Faridkot	Hisar	HD 432
6.	856	GAM 236	JAU, Amreli	Sirsa (C)	CISA 310
7.	857	Local Check		Bharuch (CSSRI)	G. Cot. 19
8.	858	JLA-1122	MPKV, Jalgaon	Amreli	G.Cot.19
9.	859	CISA 333	CICR, Sirsa	Akola	AKA. 8
10.	860	PA 828	VNMKV, Parbhani	Parbhani	PA 402
11.	861	RG 804	ARS, Sriganganagar	Jalgaon	JLA 794
12.	862	ZC (FDK 124/AKA 7/DLSa 17)		CICR, Nagpur	AKA. 8
13.	863	HD 521	CCS HAU, Hisar	Dharwad	AK 235
14.	864	RAAS 602	UAS, Raichur	Raichur	AK 235
15.	865	RG 801	ARS, Sriganganagar	Nandyal	Yaganti
16.	866	PBD 20	PAU, Bhathinda	Kovilpatti	K. 11
17.	867	CNA 1031	CICR, Nagpur		
18.	868	AKA-2013-21	PDKV, Akola		
19.	869	FDK 265	PAU, Faridkot		
20.	870	RAAS 601	UAS, Raichur		
21.	871	CNA 2030	CICR, Nagpur		
22.	872	GAM 223	JAU, Amreli		
23.	873	MBDCV1604	MSSCL, Akola		
24.	874	CISA 1793	CICR, Sirsa		
25.	875	DWDa-1601	UAS Dharwad		
26.	876	PA 810	VNMKV, Parbhani		



**Br. 22 a/b IET - Long linted *G. arboreum***

S. No	Code	Entry	Sponsored by	Locations	Local Check (2)
1.	881	PA 793	VNMKV, Parbhani	Sirsa (C)	CISA 310
2.	882	ZC (FDK 124/AKA 7/DLSa 17)		Parbhani	PA 402
3.	883	PAIG 77	VNMKV, Parbhani	Amreli	G. Cot. 19
4.	884	PA 781	VNMKV, Parbhani	Nandyal	Yaganthi
5.	885	PAIG 326	VNMKV, Parbhani	Dharwad	AK 235
6.	886	PA 827	VNMKV, Parbhani		
7.	887	PAIG 373	VNMKV, Parbhani		
8.	888	PAIG 368	VNMKV, Parbhani		
9.	889	PA 255	Check 2		
10.	890	PA 778	VNMKV, Parbhani		
11.	891	PA 363	VNMKV, Parbhani		
12.	892	PA 760	VNMKV, Parbhani		
13.	893	PA 788	VNMKV, Parbhani		
14.	894	PA 08	Check 1		
15.	895	Local Check			
16.	896	PA 796	VNMKV, Parbhani		
17.	897	PA 808	VNMKV, Parbhani		
18.	898	PA 741	VNMKV, Parbhani		

**Br. 25 a/b PHT - Desi Hybrid**

S. No	Code	Name of Entry	Sponsor	Locations	Local Check (2)
1.	901	KR-111	Shakti Vardhak	Sriganganagar	RAJ DH. 9
2.	902	GSGDH 528	NAU-Surat	Faridkot	FMDH 9
3.	903	AKDH-102	PDKV, Akola	Bhatinda	FMDH 9
4.	904	KR-116	Shakti Vardhak	Hisar	AAH 1
5.	905	NACH 461	Nirmal Seeds	Arya Nagar (Shakti Vardhak)	AAH 1
6.	906	Local Check		Sirsa (C)	CICR-2
7.	907	BDAA 029	Bioseeds	Surat	G.Cot.MDH-11
8.	908	CISAA 162	CICR, Sirsa	Amreli	G.Cot.MDH-11
9.	909	AJAH-101	Ajeet Seeds	Bharuch	G.Cot.MDH-11
10.	910	CISAA 161	CICR, Sirsa	Akola	PDKVDH.1
11.	911	ZC (KR 64-NZ; NACH 12-CZ)		Parbhani	PDKVDH.1
12.	912	AAH 38	CCS HAU, Hisar	Bilda (Bioseeds)	PDKVDH.1
13.				Pachora (Nirmal)	PDKVDH.1

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

<b>S.No</b>	<b>Code</b>	<b>Name of Entry</b>	<b>Sponsor</b>	<b>Locations</b>	<b>Local Check (2)</b>
1.	951	RAHS 804	UAS, B' Gudi	Surat	GN.Cot.25
2.	952	GShv 367/12	NAU-Surat	Bharuch	GN.Cot.25
3.	953	GShv 371/12	NAU-Surat	Dharwad	Jayadhar
4.	954	RAHS 801	UAS, Raichur	Raichur	RAHS 14
5.	955	GBhv-304	NAU-Bharuch	Viramgam	ADC 1
6.	956	GBhv-307	NAU-Bharuch	Bharauch (CSSRI)	GN.Cot.25
7.	957	ANGh-1601	UAS Annigeri		
8.	958	GShv 362/12	NAU-Surat		
9.	959	Local Check			
10.	960	DWDh-1602	UAS Dharwad		
11.	961	RAHS 802	UAS, Raichur		
12.	962	ANGh-1602	UAS Annigeri		
13.	963	RAHS 803	UAS, B' Gudi		
14.	964	GShv 385/12	NAU-Surat		
15.	965	ZC (G Cot 23/DDhc 11)			
16.	966	GBhv-302	NAU-Bharuch		
17.	967	DWDh-1601	UAS Dharwad		
18.	968	GBhv-305	NAU-Bharuch		

## NORTH ZONE TRIAL

### Br-03 a

Code	Entries	Location	Local Check
6001	F 2501	Sriganganagar	RS-2013
6002	HS 294	Kanpur	Vikas
6003	RS 2815	Faridkot	LH 2108
6004	ZC (F 2228)	Bathinda	LH 2108
6005	Shakti Sultan (SSGR105)	Hisar	H 1236
6006	Local Check	Sirsa – HAU	H 1236
6007	RS 2765		
6008	Quality Check (F 2164)		
6009	HS 296		

### Br-05a

Code	Entries	Location	Local Check
6011	RAHH 630	Sriganganagar	Maru vikas
6012	FHH 269	Bathinda	LHH 144
6013	HHH 497	Faridkot	LHH 144
6014	FHH 261	Hisar	HHH 223
6015	25D14	Sirsa (C)	CSHH 243
6016	GTHH-217	Arya Nagar (Shakti Vardhak)	CSHH 243
6017	CSHH 3078		
6018	FHH 298		
6019	Local Check		
6020	ZC (CSHH198)		
6021	FHH 272		
6022	CSHG 1675		
6023	HS HH 32		
6024	SVHH-151 (Shakti Vardhak)		

### Br-06a

Code	Entries	Location	Local Check
6031	RS 2814	Sriganganagar	RS 875
6032	PBH 3	Faridkot	F 2383
6033	RS 2727	Hisar	H 1098-i
6034	Local Check	Bhatinda	F 2383
6035	RS 2734	Sirsa (CICR)	H 1098-i
6036	RS 2821		

### Br-24 a

Code	Entries	Location	Local Check
6041	ZC (FDK 124)	Sriganganagar	RG 8
6042	LD 1026	Hisar	HD-432

6043	Local Check	Faridkot	LD 949
6044	CISA 6-2	Bhatinda	LD 949
6045	PA 812	Sirsa (CICR)	CICR-3
6046	PBD 17		

**Br-25 a**

<b>Code</b>	<b>Entries</b>	<b>Location</b>	<b>Local Check</b>
6051	ZC (KR 64)	Sriganganagar	RAJ DH. 9
6052	Swadeshi 9	Hisar	AAH 1
6053	AAH 37	Faridkot	FMDH 9
6054	BDAA 011	Bhatinda	FMDH 9
6055	Local Check	Abohar (Ankur)	FMDH 9
6056	CISAA 14-31	Sirsa (CICR)	CICR-2
6057	GSGDH-521		

**CENTRAL ZONE TRIAL**

**Br-03 a**

<b>Code</b>	<b>Entries</b>	<b>Location</b>	<b>Local Check</b>
6101	GSHV-172	Surat	GN. Cot 22
6102	CPD-1501	Talod	GN. Cot 22
6103	ZC (RHC 0717)	Junagadh	GN. Cot 22
6104	BGDS 1033	Rahuri	RHC 688
6105	Local Check	Bhawanipatna	Surabhi
6106	GSHV-173		
6107	GJHV 510		
6108	Quality Check (Suraj)		
6109	CCH 15-1		

**Br-04 a**

<b>Code</b>	<b>Entries</b>	<b>Location</b>	<b>Local Check</b>
6111	CCH 14-1	Surat	GN. Cot 22
6112	ZC (RHC 0717)	Junagadh	GN. Cot 22
6113	Local Check	Rahuri	RHC 688
6114	GJHV 497	Bhawanipatna	Surabhi
6115	SCS 1061		
6116	Quality Check (Suraj)		

**Br-05a**

<b>Code</b>	<b>Entries</b>	<b>Location</b>	<b>Local Check</b>
6131	GSHH 2759	Surat	H 12
6132	BGDHH 697	Talod	H 12
6133	RHH-1215	Rahuri	Phule 492
6134	GTHH-217	Banswara	H 8
6135	GJHH 4	Junagarh	G. Cot. Hy. 12
6136	GJHH-8	Jalna (Mahyco)	Bunny
6137	GTHH 215		
6138	Local Check		
6139	GJHH-5		
6140	GSGHH 641		
6141	RHH 1125		
6142	MRC 7398 (Mahyco)		
6143	NCS 5657		
6144	ZC (Ankur 651)		
6145	BGDHH 632		
6146	GJHH-6		

**Br-06a**

Code	Entries	Location	Local Check
6151	ANGC 1501	Talod	G.Cot.20
6152	GSHV 180	Bhawanipatna	Suraj
6153	RAHC 1011	Rahuri	Phule 688
6154	GTHV-13/28	Banswara	Wagadkalyan
6155	Local Check		
6156	GTHV 13/32		
6157	DSC-1501		
6158	ANGC 1502		
6159	ARBC 1501		
6160	GISV 272		
6161	CCH 15-5		

**Br – 13 a PVT *G. barbadense***

Code	Entries promoted	Location
6171	ARBB-1502	Anand
6172	CCB-11a	Rahuri
6173	ZC (Suvin)	
6174	DB-1502	
6175	ARBB-1501	

**Br. 14 a – CVT *G. barbadense***

Code	Entries	Location
6181	ARBB 1402	Anand
6182	ARBB 1401	Rahuri
6183	ARBB-1302	
6184	ZC (Suvin)	
6185	CCB 29	
6186	TCB 37	

**Br-15 a**

Code	Entries	Location	Local Check
6191	RHB-1243	Banswara	G COT HB 102
6192	RHB-1008	Anand	G COT HB 102
6193	Local Check	Rahuri	Phule 388
6194	DHB-1501		
6195	RHB 1122		
6196	ZC (DCH 32)		
6197	RHB 1123		

**Br-03 b**

<b>Code</b>	<b>Entries</b>	<b>Location</b>	<b>Local Check</b>
6201	BGDS 1033	Bharuch	G Cot 16
6202	Quality Check (Suraj)	Akola	AKH 8828
6203	AKH-09-5	Nanded	NH 545
6204	NDLH - 2005-4	Banswara	Wagad Kalyan
6205	Local Check		
6206	ZC (NH 615)		
6207	ARBH-1551		
6208	BGDS 1055		

**Br-04 b**

<b>Code</b>	<b>Entries</b>	<b>Location</b>	<b>Local Check</b>
6211	SCS 1061	Bharuch	G Cot 16
6212	ZC (NH 615)	Akola	AKH 8828
6213	Quality Check (Suraj)	Nanded	NH 545
6214	GTHV 13/17	Banswara	Wagad Kalyan
6215	GBHV 183		
6216	RAH 1066		
6217	Local Check		
6218	SCS 1207		

**Br-05 b**

<b>Code</b>	<b>Entries</b>	<b>Location</b>	<b>Local Check</b>
6221	NCS 5657	Nanded	NHH 44
6222	GTHH 217	Akola	PKV Hy 2
6223	CAHH-297	Bharauch	G. Cot. Hy. 12
6224	ZC (Ankur 651)	Hansot	G.Cot.Hy.12
6225	NHH 440	Gangapur (Ajeet Seeds)	NHH 44
6226	Local Check		
6227	ACH 151 (Ajeet Seeds)		
6228	GTHH-215		
6229	RAHH 630		
6230	NHH 719		

**Br-06b**

<b>Code</b>	<b>Entries</b>	<b>Location</b>	<b>Local Check</b>
6241	ANGC 1452	Akola	AKH 8828
6242	GISV -272	Nanded	NH 615
6243	ANGC 1451	Surat	G.Cot.20
6244	GSHV-180		
6245	GTHV-13/32		
6246	Local Check		
6247	RAHC 1019		
NR	CCH 15-8		

**Br-24 b**

<b>Code</b>	<b>Entries</b>	<b>Location</b>	<b>Local Check</b>
6251	PA 785	Amreli	G Cot 19
6252	ZC (AKA 7)	Akola	AKA 8
6253	PA 801	Jalgaon	JLA 794
6254	JLA-0906	Parbhani	PA 402
6255	NDLA 3068	Junagarh	G Cot 19
6256	GAM-235		
6257	Local Check		
6258	GAM-231		
6259	JLA 0614		
6260	PA 812		
6261	CSA 1028		

**Br-25 b**

<b>Code</b>	<b>Entries</b>	<b>Location</b>	<b>Local Check</b>
6271	GSGDH-521	Amreli	G Cot MDH 11
6272	BDAA 011	Bilda (Bioseeds)	PKV Suvarna
6273	Local Check	Akola	PKV Suvarna
6274	PKV DH 1 (ZC)	Jalgaon	JLA 794
6275	AAH 37	Parbhani	PKV Suvarna
		Junagarh	G Cot MDH 11



**SOUTH ZONE TRIAL**

**Br-03 a**

<b>Code</b>	<b>Entries</b>	<b>Location</b>	<b>Local Check</b>
6501	BGDS 1033	Arabhavi	ARBH 813
6502	RAH 1069	Lam	L 604
6503	Local Check	Srivilliputhur	SVPR 4
6504	GSHV-173	Raichur	SCS 793
6505	CPD-1501		
6506	ZC (Suraj)		
6507	BGDS 1055		
6508	RB-602		
6509	TCH 1716		
6510	CCH 15-1		

**Br-04a**

<b>Code</b>	<b>Entries</b>	<b>Location</b>	<b>Local Check</b>
6511	Shakti Sultan (SSGR105)	Arabhavi	ARBH 813
6512	GJHV 497	Lam	L 604
6513	ZC (Suraj)	Srivilliputhur	SVPR 4
6514	GSHV 177	Raichur	SCS 793
6515	Local Check		
6516	CCH 14-1		

**Br-05a**

<b>Code</b>	<b>Entries</b>	<b>Location</b>	<b>Local Check</b>
6521	RAHH 690	Raichur	DHH 11
6522	BGDHH 692	Lam	LAHH 5
6523	RHH-1215	B' Gudi	DHH 11
6524	Local Check	Srivilliputhur	Mallika
6525	BGDHH 693	Dharwad (KSSC)	DHH 11
6526	LAHH 25	Chamrajnagar	DHH 11
6527	NCS 5657		
6528	ARBHH-1601		
6529	LAHH 29		
6530	RAHH 691		
6531	ZC (Bunny)		
6532	ARBHH-1602		
6533	GTHH-217		
6534	MRC 7398 (Mahyco)		
6535	LAHH 26		
6536	BGDHH 697		
6537	DHH-1601		
6538	SHH 902		
NR	GJHH-5		

**Br-06a**

Code	Entries	Location	Local Check
6541	RS 2814	Srivilliputtur	Suraj
6542	GTHV 13/32	Arabhavi	ARBH 813
6543	RAHC 1017	Lam	L 604
6544	DSC-1501	Raichur	RAH 100
6545	Local Check	Mudhol	L 604
6546	RS 2821		
6547	LHDP 1		
6548	RAHC 1012		
NR	CCH 15-5		

**Br – 13 a PVT *G. barbadense***

Code	Entries	Location
6551	ARBB-1501	Coimbatore (TNAU)
6552	CCB-11a	Dharwad
6553	DB-1501	Lam
6554	ARBB 1402	
6555	ZC (Suvin)	
6556	ARBB 1401	
6557	CCB 29	
6558	DB-1502	
6559	ARBB-1502	

**Br-15 a**

Code	Entries	Location	Local Check
6561	DHB 1012	Dharwad	DHB 915
6562	ZC (DCH 32)	Coimbatore	TCHB 213
6563	DHB-1501	Lam	TCHB 213
6564	DHB 1009	Dharwad (KSSC)	DHB 915
6565	Local Check	Chamrajnagar	DHB 915
6566	RHB-1008		
6567	RHB 1122		
6568	RHB-1243		

**Br-03b**

Code	Entries	Location	Local Check
6571	NDLH - 2028-2	Dharwad	ARBH 813
6572	BGDS 1033	Nandyal	Sivanandi
6573	ZC (Sahana)	Perambalur	KC 3
6574	AKH-09-5		
6575	GBHV-195		
6576	QC (Suraj)		
6577	GTHV 13/17		
6578	ARBH-1551		

6579	GBHV 183		
6580	Local Check		
6581	SCS 1061		

**Br-05b**

<b>Code</b>	<b>Entries</b>	<b>Location</b>	<b>Local Check</b>
6601	GTHH-215	Dharwad	DHH 11
6602	Local Check	Nandyal	LAHH 5
6603	DHH-1652	Perambalur	Mallika
6604	ZC (Bunny)		
6605	ACH-151		
6606	BGDHH 692		
6607	RAHH 630		
6608	NCS 5657		
6609	DHH-1651		
6610	GTHH 217		
6611	ARBHH-1651		
6612	RAHH 690		
6613	RAHH 691		
6614	BGDHH 693		

**Br-06b**

<b>Code</b>	<b>Entries</b>	<b>Location</b>	<b>Local Check</b>
6621	GSHV-180	Perambalur	Suraj
6622	ANGC 1452	Nandyal	Siva Nandi
6623	GTHV-13/32	Dharwad	ARBH 813
6624	Local Check	Mudhol	L 604
6625	GISV -272		
6626	LHDP 1		
6627	ARBC 1551		
6628	DSC-1351		
6629	CCH 15-8		

**Br-24 b**

<b>Entries promoted</b>	<b>Entries retained</b>	<b>Location</b>	<b>Local Check</b>
6631	AKA 2008-7	Dharwad	AKA 235
6632	DWDa-1501	Nandyal	Yaganti
6633	ZC (DLSa 17)	Kovilpatti	K 11
6634	PA 801		
6635	GAM 219		
6636	Local Check		
6637	DWDa-1502		
6638	ARBa-1501		
6639	PA 812		
6640	GAM-235		

## Standard Cottons:

Cotton grown in standard agro-climatic conditions is called the standard cotton. This project is to support Indian cotton breeders. This programme is to provide the standard cotton fibre data to breeders to correct deterioration in fibre traits with time, if any. A research project continuing in CIRCOT since 1926 to support the cotton breeders

- ❖ **Objective:** To determine the quality of pure cotton varieties grown in agricultural research farms under standard conditions to ascertain whether any genetic deterioration takes place in quality over the years

During the period under report on Standard Cotton Project, We received 13 samples G. Arboreum: AKA-5,AKA-7,AKA-8 and G. Hirsutum: PKV Rajat,AKH-081,AKH-8828 and AKH-9916 and G. Herbeceum : V 797,G.Cot 13,G.Cot 21 and GADC 2 for quality evaluation and spinnability 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. 13 Samples are also evaluated for quality parameters in Advanced Fibre Information System (AFIS). Mechanical Processing of 13 Samples have been completed and spinning of yarns to 16s, 20s, 30s, 40s, 50s and 60s are completed.

**TABLE 1: Fibre Properties**

Variety	AKA-7	AKA-8	AKA-5	AKH-9916
Place	Akola	Akola	Akola	Akola
Sr. No	1	2	3	4
Micronaire value	5.1	5.2	4.6	3.5
Mature Fibre (%)	83	81	76	71
2.5% Span Length (mm)	25.5	25.3	26.8	26.3
Uniformity Ratio (%)	52	51	51	49
Bundle Tenacity (g/t)	21.2	22.1	22.9	24.2
Colour Rd%	76.6	67.5	73.8	76.4
+b	10	9.5	9.6	10.1

Variety	AKA-7	AKA-8	AKA-5	AKH-9916
Colour Grade	21-3	42-2	32-1	22-1
HVI Test (HVI Mode)				
UHML (mm)	24.9	24.8	25.8	25.7
UI (%)	82	78	83	80
Bundle Tenacity (g/t)	29.3	25.0	30.1	26.5

**TABLE 2: Fibre Properties**

Variety	AKH-081	AKH-8828	PKV-RAJAT	V 797
Place	Akola	Akola	Akola	Viramgam
Sr.no	5	6	7	8
Micronaire value	4.4	3.6	4.0	4.6
Mature Fibre (%)	79	68	73	77
2.5% Span Length (mm)	28.7	26.7	25.5	24.0
Uniformity Ratio (%)	50	48	52	52
Bundle Tenacity (g/t)	21.5	22.2	20.9	18.9
Colour Rd%	78.7	71.8	70.6	98.8
+b	9.5	10.5	9.5	9.0
Colour Grade	11-4	33-1	42-1	42-2
UHML	27.7	25.5	24.2	24.3
UI (%)	82	80	84	80
Strength (g/t)	25.5	26.6	29.0	24.4

**TABLE 3: Fibre Properties in HVI**

Variety	G Cot 13	G.Cot 21	GADC-2	SURAJ	LRA-5166
Place	Viramgam	Viramgam	Viramgam	Coimbatore	Coimbatore
Sr. No	9	10	11	12	13
Micronaire value	4.9	4.9	4.8	4.1	3.5
Mature Fibre (%)	76	72	75	72	69
2.5% Span Length (mm)	24.3	22.0	24.9	31.0	28.5
Uniformity Ratio (%)	52	52	48	49	46
Bundle Tenacity (g/t)	18.7	17.1	17.2	26.0	24.0
Colour Rd%	72.9	72.8	72.8	-	-
+b	9.0	9.9	9.1	-	-
Colour Grade	41-3	32-2	41-3	-	-
UHML	23.9	21.3	23.8	30.0	29.1
UI (%)	81	79	81	86	85
Strength (g/t)	25.3	24.3	22.8	28.5	28.1

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

**TABLE 4: Fibre Properties with AFIS**

Sr No	Nep	Nep	SCN	SCN	L(w)	L(w)	SFC(w)	UQL	L(n)	L(n)	SFC(n)	5.% L(n)	Fineness	IFC	Mat	Total trash count	Dust Mean size	Dust	Trash	VFM
	Cnt/g	um	Cnt/g	um	mm	% cv	<12,7 (mm)	mm	mm	%cv	%,< 12.7 (mm)	mm	M tex	%	Ratio	Cnt/g	um	Cnt/g	Cnt/g	%
1	99	624	4	1233	22.7	32.7	7.8	26.9	18.5	47.5	23.9	30.7	174	4.4	0.94	537	189	495	42	0.96
2	109	676	5	1324	20.2	33.2	11.0	24.1	16.4	47.9	28.6	27.6	190	5.0	0.93	872	172	839	33	0.88
3	151	689	50	1346	22.2	33.1	8.4	26.4	18.0	48.7	25.6	29.8	167	4.9	0.91	1726	148	1621	105	2.79
4	177	682	26	1239	22.3	36.4	10.5	26.8	17.6	51.7	29.2	30.7	148	7.2	0.84	877	166	775	102	2.26
5	110	636	5	1626	24.6	32.9	5.3	29.2	20.5	44.6	17.9	34.1	155	5.3	0.89	207	128	197	11	0.26
6	193	662	29	1472	21.6	38.1	12.8	26.7	16.4	56.0	34.5	30.5	161	6.9	0.87	1624	173	1510	114	2.94
7	164	637	25	1362	22.7	32.3	6.6	26.4	19.1	43.5	19.7	30.4	149	6.6	0.83	1929	132	1846	84	2.79

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

**Table 5. Mechanical Properties of Yarns**

Variety	AKA-7		AKA-8		AKA-5		AKH-9916	
Place	Akola		Akola		Akola		Akola	
Sr. No	1		2		3		4	
Yarn Properties	40420		40421		40422		40423	
Nominal Count	20s	30s	20s	30s	20s	30s	30s	40s
Lea CSP	1924	1543	1862	1631	2013	1899	2205	1970
Yarn Unevenness (U %)	14.8	17.2	14.8	17.9	14.2	16.5	17.9	21.2
Neps/km	703	1032	569	1319	525	1173	2520	3877
Thin Place	217	678	177	900	106	527	787	2079
Thick Place	753	1304	804	1576	529	1160	1839	3121

**Table 6. Mechanical Properties of Yarns**

Variety	PKV Rajat		AKH-081		AKH-8828		DHY-286	
Place	AKOLA		AKOLA		AKOLA		AKOLA	
Sr. No	5		6		7		8	
Yarn Properties/Sample No	40424		40425		40426		40432	
Nominal Count	30s	40s	20s	30s	20s	30s	16s	20s
Lea CSP	2148	1897	1953	1772	2348	1963	1708	1733
Yarn Unevenness (U %)	17.6	19.1	15.6	17.6	13.4	16.3	1503	16.1
Neps/km	1967	2467	2042	3017	526	1218	510	549
Thin Place	666	1157	302	653	59	434	249	419
Thick Place	1637	2208	1089	1813	431	1117	559	898



**Table 7. Mechanical Properties of Yarns**

Variety	G Cot 13		G.Cot 21		GADC-2		SURAJ		LRA-5166	
Place	AKOLA		AKOLA		AKOLA		COIMBATO RE		COIMBATORE	
Sr. No	5		6		7		8		9	
Yarn Properties/Sample No	40433		40434		40435		40436		40437	
Nominal Count	16s	20s	16s	20s	16s	20s	40s	50s	50	60
Lea CSP	2033	1871	1814	1698	2006	1934	2168	2042	2213	1799
Yarn Unevenness (U %)	15.7	16.8	16.6	18.6	13.8	14.9	19.5	20.5	19.1	19.4
Neps/km	401	703	502	1028	228	367	4049	4948	3594	4382
Thin Place	393	645	661	1326	116	267	1239	1473	983	1350
Thick Place	626	1026	982	1532	350	618	2610	3087	2438	2724

**2.5% Span Length, Micronaire and Tenacity of STANDARD INDIAN COTTONS,  
2015-16 SEASON with analysis of data are given below with variety release time values.**

<b>2016</b>	24.3	22.0	24.9	31.0	28.5	26.8	25.5	25.3	26.3	25.5	28.7	26.7	24.0
<b>Release Time values</b>	-	-	-	-	-	-	-	24	-	-	-	-	-
<b>Cotton Varieties</b>	G Cot 13	G. Cot 21	GAD C-2	SURA J	LRA - 5166	AKA - 5	AKA - 7	AKA -8	AKH -9916	PKV - Rajat	AKH -081	AK H- 882 8	V 797

**Table 8: 2.5% Span Length at variety release time and at available years**

<b>2016</b>	2016	4.6	5.1	5.2	3.5	4.6	4.9	4.9	4.0	4.4	3.6	4.1	3.5	4.8
Release Time values	Release Time values	5	-	4.6	-	5.1	5.7	6.1	-	-	-	-	-	-
Cotton Varieties	Cotton varieties	AK A-5	AK A-7	AK A-8	AK H-9916	V-79	G.Co t-13	G.Co t-21	PK V-Rajast	AK H-081	AK H-8828	SUR AJ	LR A-5166	GAD C-2

**Table 9: Micronaire at variety release time and at available years**

<b>2016</b>	22.9	21.2	22.1	24.2	18.9	18.7	17.1	20.9	21.5	22.2	26.0	24.0	17.2
Release Time values	-	-	20.8	-	16.9	17.1	16.8	-	-	19.1	-	-	-
Cotton varieties	AKA-5	AKA-7	AKA-8	AKH-9916	V-797	G.Cot-13	G.Cot-21	PKV-Rajat	AKH-081	AKH-8828	SURAJ	LRA-5166	GADC-2

During the last four years, it has been observed that 59 samples has been received under standard cotton out of which there are 26 released cotton varieties from standard cotton breeders. It reveals from the data that the other varieties are maintaining its release time values except for HD123 for 2.5% span length. The micronaire value has marginally increased compared to release time values in some varieties otherwise in majority of the cases the micronaire values are lower compared to the release time values. The tenacity also found is better in 2013 compared to release time values in majority cases.

## Annexure II: Fibre and Yarn Quality Norms

### 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 UHML\*

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	UI
Poor	Below 76
Fair	76 to 78
Average	79 to 83
Good	83 to 85
Excellent	Above 85

### 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

### Ratings of cotton based on tenacity at 3.2 mm gauge length (HVI mode)\*

Category	Range of Bundle tenacity values in g/tex
Very weak	20.0 & below
Weak	20.1 - 25.0
Average	25.1 – 29.0
Good	29.1 – 32.5
Very good	Above 32.5

\* The values are provisional subject to revision

### Provisional Norms on the basis of HVI mode of testing

Sr. No.	Count Range	Range of UHML (mm)	Minimum value of UI	Minimum Tenacity (g/t) (HVI mode)	Range of Micronaire
1.	14s-18s	24-25	81	27.5	3.9-4.7
2.	20s-24s	25-26	82	28.0	3.8-4.2
3.	25s-30s	26-27	83	29.1	3.4-4.2
4.	31s-40s	27-29	84	29.3	3.3-4.1
5.	41s-50s	29-31	84	31.3	3.3-4.0
6.	51s-60s	31-33	86	33.6	3.2-3.9
7.	61s-80s	33-34	86	36.6	3.2-3.8
8.	81s-100s	34-36	87	38.3	3.1-3.4
9.	101s-120s	36>	88	40.0	2.9-3.2