

Nath Seeds



Cotton Cafeteria

Products Extraordinaire

2020

Outstanding Productivity

Climate Resilient

Modest Dependence on Purchased Inputs



Panchratna/
Jalwa

NBC-1103

NBC-1111

NBC-10

Upcoming ...
NBC-1821

Upcoming ...
NBHB-1851

Upcoming ...
NBHB-2205

Nath Seeds Bt-Cotton Hybrids



Very High Yield Potential under Irrigated Conditions. Outstanding Tolerance to Sucking Pests and Excellent Boll Opening

Assured & High Yielder under Rainfed Conditions

Versatile for both Rainfed and Irrigated Conditions, High-level Tolerance to Water-stress and Excellent Boll Opening

4

Highest Yield Potential, under Irrigated and High-input Management

3

NBC 1103

New Arrival (2020)

NBC 1111

New Arrival (2020)

NBC 1821

Upcoming...

High Yield Potential, under the Extra Long Staple Fibre Category (H x B).

5

NBHB 2205

Upcoming...

6

Another ELS (H x B) Early Maturity Hybrid.

Outstanding Product for Marginal Farmers, Best Suited for Rainfed Conditions

2

Panchratna/Jalwa

NBC 10



NBHB 1851

Upcoming...

7

NBC-10

Reaching the Unreached: Brightest Super-Star for the Rainfed, Resource-Poor and Marginal Cotton Farmers.

About 80% Cotton Cultivation area in Central India is entirely Rain-fed.

NBC-10 has proved to be the best among all Cotton Hybrids recommended for Rain-fed cultivation.

Year after year, even under conditions of limited Rainfall and no irrigation, this hybrid has performed much better than any other cotton variety or hybrid, whether in light soils or heavy. Every farmer has been an immensely satisfied farmer.





What's More About NBC-10: It is especially unique for its ability to perform even with minimal purchased inputs.

It has much better built-in resistance against major sucking pests affecting cotton, the best among all the products recommended for Rain-fed cotton cultivation. With added advantage of Early Maturity (about 150 days) and high-level tolerance against drought/water stress, NBC-10 is undoubtedly an Outstanding Product.

NBC-10

NBC-10
Stood First
among 74
new hybrid
entries,
evaluated
under un-
protected
conditions.
RARS Trials
(A.P.)

NBC-10
800

2015 11 30

NBC-10: No Pesticide Spray, No Irrigation (Rigorously tested under Rainfed Conditions)

PANCHRATNA: Highest Yielder Bt-Cotton Hybrid Under Commercial Cultivation:

Named **Panchratna** in **Maharashtra** and **Jalwa** in **Gujarat** (as per local preference), this Hybrid has Yield Records of even 35 quintals per acre. Seed Cotton Yields ranging between 20-25 quintals are common, under irrigated and good input management conditions.

Endowed with enhanced tolerance to sucking pests, as well as water stress, this Bt-Cotton Hybrid is rapidly becoming the product of choice, especially for the well-to-do farmers (moderate to high input management).

Wider spacing (5 x 2 and even 6 x 1, depending upon light soils or heavy soils, moderate or high input management), is necessary. Together with appropriate agronomic practices, farmers can maximise yield potential of this robust and vigorous Bt-Cotton Hybrid to an extent that they may have never experienced before.



Panchratna
Seed Cotton Yields of
Panchratna can be as
High as 35q/acre.

High Input
Management Cotton
hybrid: 6 x 1 Spacing.



Panchratna

The Majesty of Panchratna Requires
Extra-Space to Spread-Out and Display
The Scintillating Performance
it's Capable of: More than 200 Bolls/Plant, on average.

High Input Management Cotton hybrid:
6 x 1 Spacing.

New Arrival: 2020

1. NBC-1111

Sanket : An Extra-Ordinary Hybrid

Main Highlights

1. Yield Superiority*

NBC-1111 was evaluated under the ICAR Bt-Cotton Hybrid trials for two years, 2017-18 and 2018-19. In both years (18 Trials data), Seed Cotton Yield for NBC-1111 was 39 % and 26 % higher than Zonal and Local BGI Bt-Cotton Hybrid checks, respectively.

2. Wider Adaptability*

Among all test entries including checks, NBC-1111 Ranked First consecutively for both years (2017-18 and 2018-19) for seed cotton yield in South Zone. Besides, NBC-1111 Ranked Third and Second for seed cotton yield during 2017-18 and 2018-19, respectively, even in Central Zone.

This is the only hybrid (under Irrigated Trial) showing such outstanding performance and wider adaptability, across zones, year after year.

3. Excellent Tolerance to Sucking Pests and Fabulous Boll Opening and Ease of Picking

*Source: ICAR Bt-Cotton Hybrid trials, 2017-18 and 2018-19.

(http://alccp.cicr.org.in/CD_17-18/Bt-Cotton-Trial-report-2017-18-SZ.pdf; Page No: 35)



The Spectacle of *Sanket*



Excellent Boll Opening




The spectacle of


Sanket, NBC-1111

is distinct in its Extra-Ordinary Performance, whether in the farmers' fields or under the Two Years of Extensive Testing at the All India Coordinated Trials (2017 & 2018), conducted by the Indian Council of Agricultural Research, at 18 locations, in Central and Southern Cotton Zones.

Even at late stage of crop, *Sanket* has very green foliage, reflecting high-level tolerance to Sucking Pests



The
Spectacle of
Sanket
Splendour



An Extra-Ordinary
Cotton hybrid

Sanket : NBC-1111

New Arrival: 2020

2. NBC-1103

Main Highlights

a)Yield Superiority*

NBC-1103 was evaluated under ICAR Bt-Cotton trials 2017-18 and 2018-19. In both years (19 trials data), NBC-1103 recorded higher seed cotton yield over Zonal (22%) and Local (8%) BGI check hybrids.

b)Wider Adaptability*

Among all test entries including checks, NBC-1103 Ranked First and Third for seed cotton yield during 2017-18 and 2018-19, respectively, in the Central Zone. Besides, NBC-1103 Ranked Third and Second during 2017-18 and 2018-19, respectively, in the South Zone for seed cotton yield.

This is the only hybrid (under Rainfed Trials) showing such outstanding performance and wider adaptability, across zones, year after year.

*Source: ICAR Bt-Cotton Hybrid trials, 2017-18 and 2018-19
(http://aicclp.cicr.org.in/CD_17_18/Bt-Cotton-Trial-report-2017-18-CZ.pdf; Page No: 85)
(http://aicclp.cicr.org.in/CD_17_18/Bt-Cotton-Trial-report-2017-18-SZ.pdf; Page No: 91)
(http://aicclp.cicr.org.in/CD_18_19/Bt-South-2018-19.pdf; Page No: 99)

NBC-1103



**Excellent boll retention and opening
under Unprotected Rainfed Conditions**



**NBC-1103 BGII under Unprotected Rainfed
Conditions at Isarwadi, Aurangabad**

Upcoming...

NBC-1821

The Most Versatile Bt-Cotton Hybrid

Outstanding Performance in Irrigated as well as Rainfed Conditions.

Main Highlights

1. Yield Superiority*

NBC-1821 was evaluated under the ICAR Bt-Cotton Hybrid trials (Irrigated), 2018-19. Seed Cotton Yield was higher than zonal (21%) and local (3%) Bt-Cotton Hybrid checks.

2. Wider Adaptability*

Among all test entries including checks, NBC-1821 Ranked First in Central Zone and Third in South Zone.

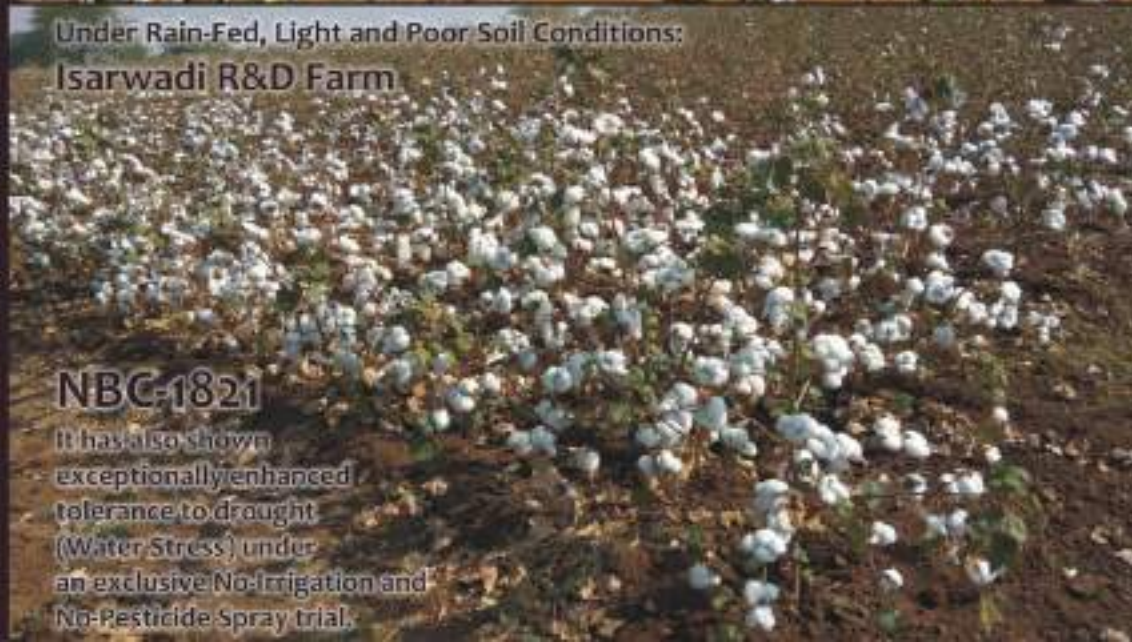
This is the only hybrid showing such outstanding performance and wider adaptability, across zones in the ICAR Trials.

3. Excellent Tolerance to Sucking Pests, Fluffy Boll Opening and Ease of Picking

4. What's More: Matures in about 150 days.




Under Rain-Fed, Light and Poor Soil Conditions:
Isarwadi R&D Farm



NBC-1821

It has also shown exceptionally enhanced tolerance to drought (Water Stress) under an exclusive No-Irrigation and No-Pesticide Spray trial.



Upcoming...

**NBC
1821**

One of the best Bt-Cotton hybrids ever, shows outstanding performance under irrigated conditions (Stood First in the Central Zone and Third in South Zone; ICAR-AICCIP trials, *Kharif-2018*)

Upcoming...

NBHB-2205 (H x B)

Extra Long Staple Fibre Category

Main Highlights

1. Yield Superiority*

NBHB-2205 was evaluated under ICAR Bt-Cotton trials for two years, 2017-18 and 2018-19. In both the years NBHB-2205 recorded higher seed cotton yield over Local and Zonal BGII check hybrids. Lint Yield, the major Economic Trait, for NBHB-2205 was 46.8 % and 8 % higher than Local and Zonal BGII checks, respectively.

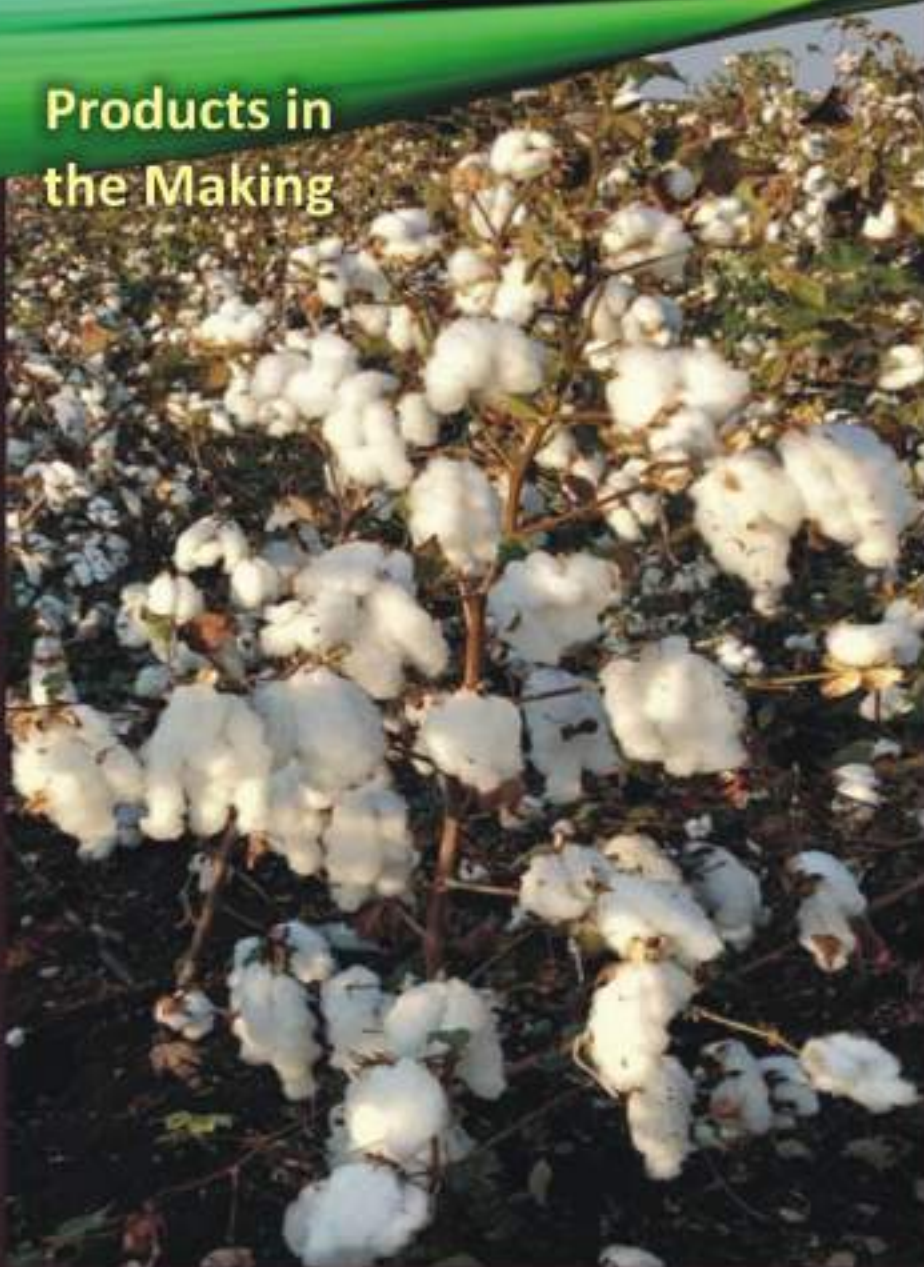
2. Superiority of Fiber Quality Characteristics*

As per ICAR Results, NBHB-2205 has Extra Long Staple Fibre (34.9 mm), Fine Micronaire (3.7), Very Strong Fiber Strength (34.5 g/tex) and Very High Uniformity Index (87.8).

3. What's More: Profuse Boll Bearing, Retention and Excellent Boll Opening.



**Products in
the Making**

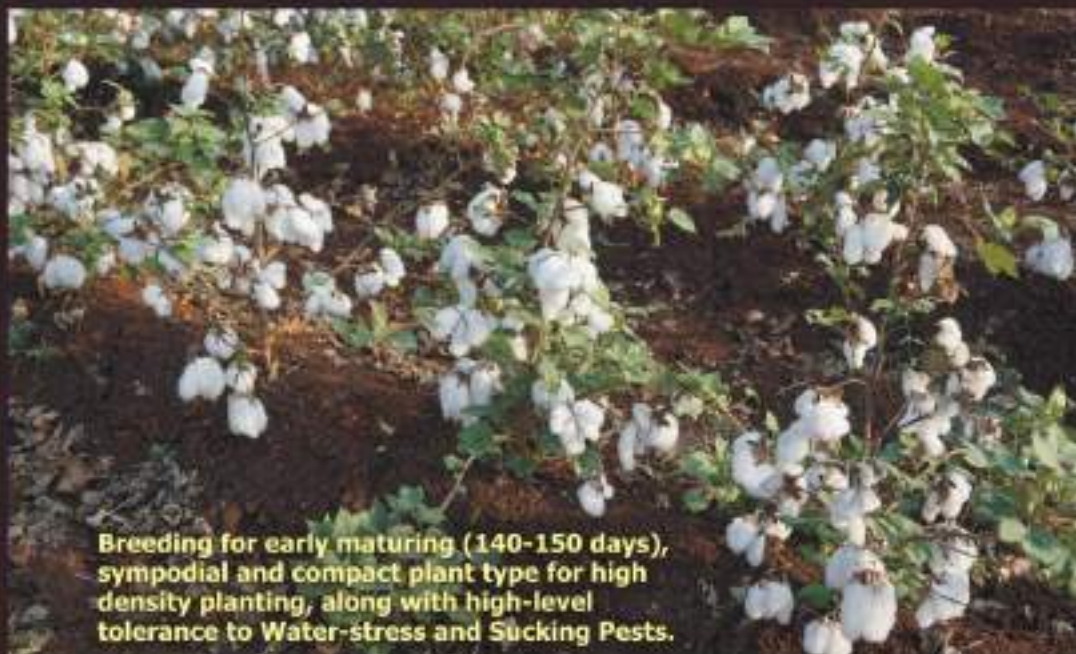


New Recombinant Inbred Lines: Short Stature, Extra-early and Synchronous Maturity. Excellent Boll Retention and Boll Opening, Suitable for Double-cropping and may be Suitable for Machine Picking also.

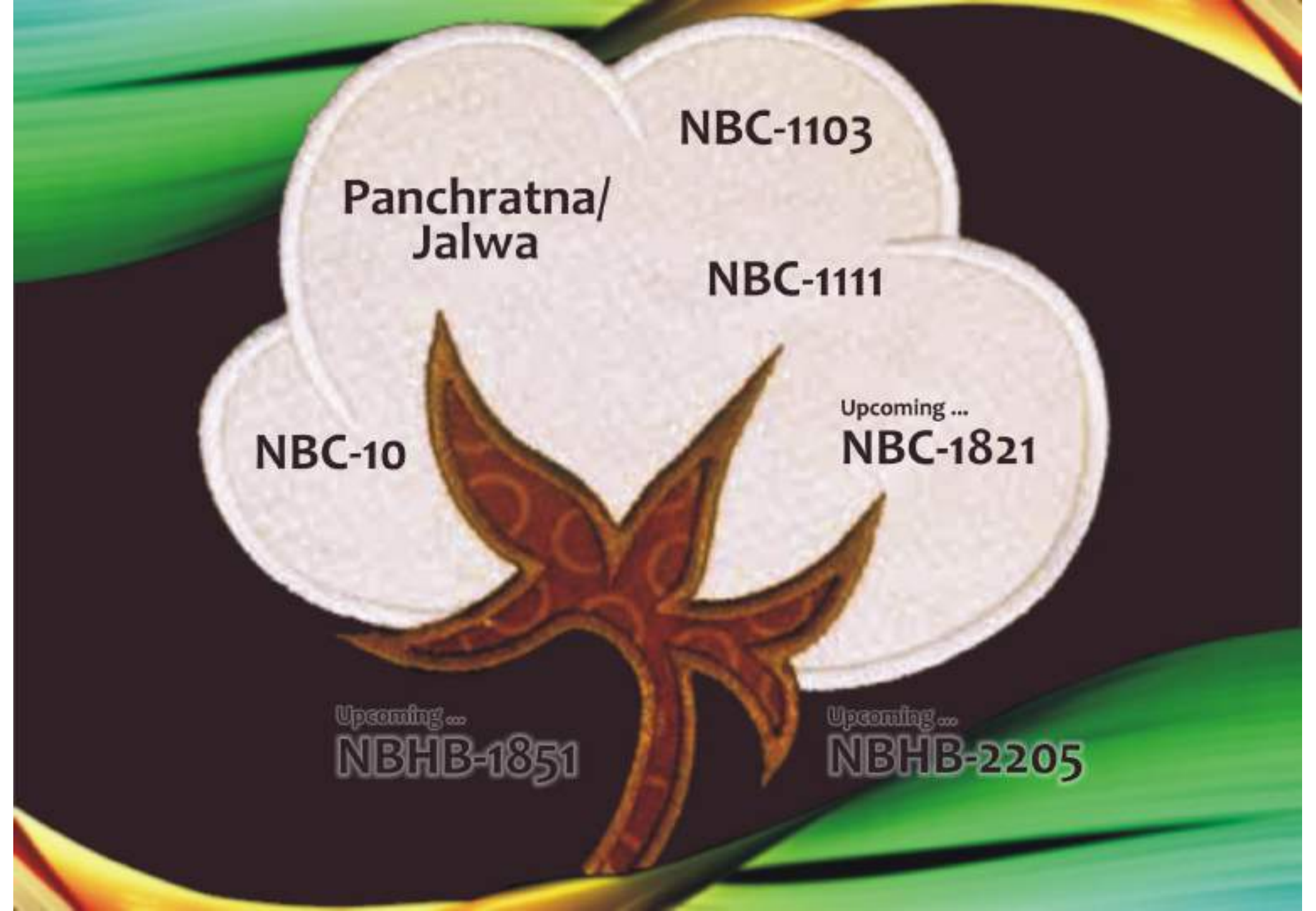
**Products
in the
Making**



The Vision and the Mission to Reach the Unreached remains our highest priority. Developing new breeding lines and products thereof, exclusively for rain-fed conditions with minimal dependence for purchased inputs, is an ongoing process. We are committed to provide our resource-poor and marginal farmers with new seeds for assured yields and income.



Breeding for early maturing (140-150 days), sympodial and compact plant type for high density planting, along with high-level tolerance to Water-stress and Sucking Pests.



**Panchratna/
Jalwa**

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NBC-10

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