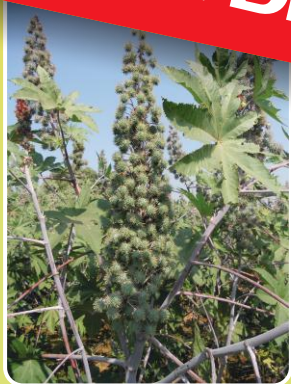


*Dedicate to Progress  
and Prosperity for farmers  
since 1981...*



**नवभारत** SEEDS PVT. LTD.



# PROFILE

Founders of the company Dr. D.B.Desai, who did his Ph.D. in seed technology from Mississippi State University, U.S.A. and Shri R.J.Dhannawat having experience in the seed production, processing & marketing, visualized the potential and need of the quality seeds in the development for increasing Agriculture production in India, made a beginning with what is known as Navbharat Seeds Pvt. Ltd. (NSPL) today, came in existence as a Research based company in the year 1981 at Ahmedabad. (Gujarat, India). With strong breeding programs for hybrid development in Cotton, Pearl Millet, Castor, Vegetable having sound collaborations with several SAU's and international institute, ICRISAT, NSPL is engaged in crop improvement research, seed production and marketing of superior quality seeds. Our R & D is focused to meet the requirement of the farmers, demand of the market and cost effective technologies. The company consistently focuses on the changing preferences and needs of the farmers. This become possible for NSPL because the gene bank maintains more than 25000 diverse germplasm accessions for its genetic enhancement and crop improvement research programmes. Need based research, production and marketing at NSPL is possible because it comprises of professional, committed and dedicated scientists with international experience, breeders, agronomist, seed technologist. The company is proud of its efficient performance system and trendsetter for sound management and financial governance. To substantiate the reputation of quality assurance, a stringent seed quality assurance system is followed at the highly modernized seed processing plant, laboratory and during GOT testing. NSPL is operating its marketing activities for Central Zone (Gujarat, Maharashtra and Rajasthan, M.P.) from Ahmedabad and for South (A.P., Telangana, Karnataka, Tamilnadu) and North Zone (Punjab, Haryana) from its regional office based at Hyderabad (A.P.). Company has its well developed and established market network of more than 700 distributors, dealers with highly motivated and dedicated marketing professionals spread over all most all States in India. To create awareness of production technology in the farmers and for feed back to the company, several extension activities via field day, demonstrations, dealers meet, crop competition, participatory research programs, field trials in different climatic conditions are being carried out. Publication of pamphlets, news letters, publicity with Audio-Visual Van, Organizing exhibitions etc are regularly followed by the extension division. Market research is also one of the important programme, which focuses the direction of



**Navbharat** SEEDS PVT. LTD.

## *Vision*

Strive for a distinguished position in the Indian Seed Industry through constant up-gradation of research process ensuring technological competitiveness and supplying superior quality value added products. This will be achieved with


- Exploitation of genetic variation to tailor superior hybrids of mandated crops.
- Genetic enhancement to develop elite recombinants as breeding lines and new products.
- Delivery of genetic potential and innovative technology through superior quality seeds as carriers for the benefits of the farmers, which confers competitive advantages to the farmers in yield and reduce the need for Agro-chemicals and safe to the environment.
- Development of market assisted breeding strategies to speed up the diversification of genetic resource base.
- Research and development in GMO crops in collaboration with reputed international companies.
- Strategic analysis of products by participatory research and seed business with changing market dynamics.

## *Mission*

Mission As Indian Agriculture faces enormous challenges to increase Agriculture production which has direct bearing on inflation in the food commodities. The potential yield in crops is increasing at slow pace than expected food demand. Therefore food security has been always been an issue of a major concern to India owing to large and rapidly growing population. Considering seed is the most basic input in Agriculture production, our mission is to be a part in the national goal and to contribute whatever possible with the use of science and innovation in research in India, meeting farmers demand of quality seeds.


# HY. BAJRA

## GAURI




Maturity days : 80  
Plant height (ft): 5.5-6  
Earhead length (cm): 28-30  
Long, Compact & uniform earhead  
Uniform 4-5 tillers/plant  
Resistant to Downy mildew  
Yield potential (qt/Acre): 17-18

## GAURI+




Maturity days: 75 to 80  
Plant height (ft): 5-6  
Earhead length (cm): 25-30  
Long, Compact & uniform earhead  
Uniform 5-6 tillers/plant  
Resistant to Downy mildew  
Good fodder quality  
Yield potential (qt/Acre): 18-20

## SURYA




Maturity days: 80-85  
Plant height (ft): 6.0 - 6.5  
Earhead length (cm): 30-35  
Long, Compact & uniform earhead  
Uniform 3-4 tillers/plant  
Resistant to Downy mildew  
Good fodder quality  
Yield potential (qt/Acre): 20-22

## BANAS EXPRESS



Maturity days: 75 to 80  
Plant height (ft): 6  
Earhead length (cm): 28-32  
Long, Compact & uniform earhead  
Uniform 4-5 tillers/plant  
Resistant to Downy mildew  
Good fodder quality  
Yield potential (qt/Acre): 20-22


## BOND X-007



Maturity days: 80-85  
Plant height (ft): 6-7  
Earhead length (cm): 42-45  
Very long, very Compact & uniform earhead  
Uniform 4-5 tillers/plant  
Resistant to Downy mildew  
Good fodder quality  
Yield potential (qt/Acre): 18-20


# HY. CASTOR

## BHIM




Maturity days: 190-210  
Total plant height (ft): 5.0 – 7.0  
Stem colour: Mahogany  
Primary spike length (cm): 90  
Secondary spike length (cm): 50-60  
Long, Compact spike  
15-18 spike/plant  
Highly resistant to wilt  
Resistant to shattering  
Oil percentage : 49.5 %  
Yield potential (qt/Acre): 18-20

## NBCH-22




Maturity days: 170- 180  
Total plant height (ft): 5.0-6.0  
Stem colour: Mahogany  
Primary spike length (cm): 80 - 90  
Secondary spike length (cm): 50-60  
Long, Compact spike  
16-20 spike/plant  
Oil percentage : 49.5 %  
Yield potential (qt/Acre): 17-18  
Highly suitable for rainfed cultivation

## KOHINOOR



Maturity days: 210-240  
Total plant height (ft): 6.0-7.0  
Stem colour: Mahogany  
Primary spike length (cm): 90  
Secondary spike length (cm): 60-65  
Long, Compact spike  
18-20 spike/plant  
Tolerant to wilt  
Stay green upto maturity  
Tolerant to sucking pest  
Resistant to shattering  
Oil percentage : 48.3 %  
Yield potential (qt/Acre): 20-22

## NBCH-154



Maturity days: 180-200  
Total plant height (ft): 5.0-6.0  
Stem colour: Green  
Primary spike length (cm): 50-60  
Secondary spike length (cm): 40-45  
Medium long & compact spike  
10-12 spike/plant  
Tolerant to wilt  
Resistant to shattering  
Oil percentage : 50.0 %  
Yield potential (qt/Acre): 16-17

### HY. COTTON - GOLD

Early maturity within 160 days  
Medium hairy leaves hence tolerant to sucking pest  
Plant height upto 6.0 feet  
Big boll size of 6.0 gram  
Yield potential upto 16.0 quintal per acre  
Chain bearing of bolls Suitable for rainfed and irrigated condition



### HY. COTTON - ALBELA

Medium late maturity of 170-180 days  
Medium hairy leaves hence tolerant to sucking pest  
Plant height upto 5.5 to 6.0 feet  
Big boll size of 6.5 to 7.0 gram  
Yield potential upto 16.5 quintal per acre  
Close boll bearing  
Good refushing capacity



### HY. COTTON - GURU+

Medium late maturity of 170-180 days  
Hairy leaves hence more tolerant to sucking pest. Plant height upto 6.0 feet. Big boll size of 5.5 to 6.0 gram. Yield potential upto 16.0 quintal per acre  
Chain bearing of bolls  
Good refushing capacity



### HY. COTTON - VIJETA

Medium maturity of 160-170 days  
Erect & open plant type with hairy leaves hence more tolerant to sucking pest. Plant height upto 6.0 to 6.5 feet  
Big boll size upto 6.0 gram  
Yield potential upto 17.0 quintal per acre. Chain bearing of bolls  
Good refushing capacity



### HY. COTTON - WINNER

Medium maturity of 160-170 days  
Erect & open plant type  
Hairy leaves hence tolerant to sucking pest  
Plant height upto 5.5 to 6.0 feet  
Big boll size upto 6.0 gram  
Yield potential upto 16.0 quintal per acre  
Chain bearing of bolls  
Good refushing capacity



### MUSTARD - NB-11

Maturity days: 120-130  
Plant height (ft): 5.5-6.5  
No. of siliqua/plant: 700-900  
No. of seeds/siliqua: 15-16  
Brownish black grain  
Resistant to white rust and powdery mildew  
Yield potential (qt/Acre): 12-13



### MUSTARD - NB-54

Maturity days: 110-120  
Plant height (ft): 4.5-5.5  
No. of siliqua/plant: 800-950  
No. of seeds/siliqua: 16-18  
Brownish black grain  
Resistant to white rust and powdery mildew. Basal branching. No lodging.  
Yield potential (qt/Acre): 13-14



### PADDY - KOMAL

Maturity days: 105-110  
Spikelet length (cm): 22-25  
No. of grains in spikelet: 160-170  
Plant height (cm): 90-100  
Resistant to lodging  
Good Yield potential  
Big coarse grain  
Suitable for Poha making



### MOONG - BALDEV

Resistant to YVM  
Maturity days: 65-70  
Suitable for Kharif and summer  
Medium size attractive green colour grain.  
Pods mature simultaneously, so easy in harvesting.  
Yield potential (qt/ac): 6-7



### CUMINN - NB-07

Plant height (cm): 28-29 cm  
Day to 50 % flowering: 55  
Maturity days: 100-105  
Basal branching  
1000 seed wight (gms): 48




### CLUSTER BEAN - GAURAV

Single stem, No branches  
Bearing fruits in cluster from base  
Fruits remains green for long time  
No. of fruits/plant: 65-70  
Yield potential (qt/ac): 70-75  
qt/ac green pods




# HY. MAIZE

## NAVBHARAT-111




Maturity days: 95-100 (Kharif),  
120-125 (winter)  
Double cross hybrid  
Plant height (ft): 8.0-9.0  
cob length (cm): 25-30  
Compact cob and having  
450-590 grains/cob  
Flint grain  
Grain colour: Yellowish orange  
Resistant to wilt  
Yield potential (Qt/Acre): 30

## EVEREST



Maturity days: 105 (Kharif),  
120-125 (winter)  
Single cross hybrid  
Plant height (ft): 6.5-7.5  
cob length (cm): 25-30  
Compact cob and having  
550-860 grains/cob  
Semi dent grain  
Grain colour: Attractives orange  
Tolerant to wilt  
Resistant to lodging  
Yield potential (Qt/Acre): 36


## SUPERB



Maturity days: 110 (Kharif), 120-125 (winter)  
Single cross hybrid  
Plant height (ft): 6.5-7.0  
cob length (cm): 25-30  
Compact cob and having 520-840 grains/cob  
Semiflint grain  
Grain colour: Attractives orange  
Tolerant to wilt  
Resistant to lodgin

# HY. BHINDI

## KHUSHBU




Plant height (cm): 90 (Summer),  
125 (Kharif)  
Stem colour: Green  
Fruit shape: Dark green  
Fruit length (cm): 12  
Resistant to disease (YVM)  
Yield potential (qt/ac): 165-170

## SHREYA



Plant height (cm): 85 (Summer),  
120 (Kharif)  
Stem colour: Green  
Fruit shape: Attractive Dark green  
Fruit length (cm): 10  
Resistant to disease (YVM)  
Yield potential (qt/ac): 160-165


## KARISHMA



Plant height (cm): 80-90 (Summer),  
120-125 (Kharif)  
Fruit shape: Attractive green  
Fruit length (cm): 10  
Tolerant to disease (YVM)  
Yield potential (qt/ac): 120-130

# SESAMUM


## RUPA



Maturity days: 82-85  
White seed colour  
Yield potential (qt/ac): 7-8  
Oil percentage: 50.3 %  
No. of branches: 5-6  
Capsule arrangement:  
Opposite cluster

# WHEAT

## KESHAV



Maturity days: 110-120  
Plant height (cm): 100-110  
No. of tillers: 7-8  
Attractive and very good luster  
No. of grains/spikelet: 90-115  
Resistant to rust  
Yield potential (qt/ac): 16-20

# INDIA



# Contact us

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