




INDOJAPANTM
AGRO SEEDS
AN ISO 9001:2015 Certified Company



SAFARNAMA: *The Journey*

..Story of a landless agricultural laborer, named SHRI ANATH BANDHU HALDAR, my beloved father, who in 70's, had to run to 75 kilometer way Kolkata from his village to work in a grill manufacturing factory as welder to earn daily bread and butter for his family, though in mind he loved to work in the field of agriculture and farming. Earning from grill factory job was not enough to maintain his family well, which insisted him to find some other source of income and lead to engage in selling vegetable and flower nursery seedling in different local rural weekly market (HAAT) and BAAZAR beside roadside, taken from other nursery on commission basis.

With the passing of time, in 1980, he started his own small unorganized seedling raising nursery of vegetable, flowers and fruits plants with his past experience to sell in the same market and haat place throughout the week , month and years along with more outsourcing from other adjacent nurseries based on more and more demand.

With a lot of hard work, patience, perseverance and zeal to stand strong and firm and to grow further, in 1983, he owned a piece of land in BHADURA village area to expand his business and named his shop as BHADURA SEEDS STORE, south 24 Parganas, West Bengal, where , beside his own production, he used to take materials from other co-nurseries of surrounding area as the name and demand increased.

In 1990 and onward, with the growth of name and fame with business activities, numbers of Bengal and India operating agri-company started showing interest to be associated with our firm by offering DEALERSHIP. And he too responded with the time positively.

NEW TURN:

In 2002, I joined my father business to carry forward and more growth. After almost five of my association to work , I started realizing that, there is a sufficient scope and opportunity to improvise our set up by improving quality, searching better variety resource of vegetable, horticulture and floriculture area. On that thinking we have started a new Firm : AGRICULTURE CENTRE: beside our existing old shop. This new entity was to expand our business beyond our locality to though Bengal, neighboring state and neighboring country. And our focus was on upgrading existing local, traditional and OP varieties to hybrid for potential crop like HYBRID OKRA, HYBRID PEPPER, HYBRID TOMATO, HYBRID BITTER GOURD, HYBRID RIDGE GOURD , HYBRID PUMPKIN and many other crops ALONG WITH IMPROVED HYBRID FIELD CROP LIKE PADDY. For that we are engaged in hybrid seed production of aforesaid crop in different R&D station in Maharashtra, Karnataka, Andhra Pradesh and Telengana suitable for different climatic zones.

A better understanding for YOU like people, about our work, endeavour and our available products, I have took this initiative to develop and publish this product catalogue for you my co farmers, dealers and distributor in agri- industries.

My effort will be fruitful when I will be able to satisfy your needs and queries with fruitful association.

THANKING YOU,
SUKUMAR HALDAR ,
FOUNDER, AGRICULTURE CENTRE







QUALITY RESEARCH ORGANIZATION

Certificate of Registration

This is to certify that

AGRICULTURE CENTRE
MOUZA - 12, DAG - 573/3911, VILLAGE + PARA - BHADURA,
P.S. - RAMNAGAR, P.O. - BHADURA, DIAMOND HARBOUR - II, 24 PGS
(S), PIN - 743504, WEST BENGAL, INDIA

has been independently assessed by QRO and is
compliant with the requirement of:

ISO 9001:2015

Quality Management System

For the following scope of activities:

MANUFACTURER, SUPPLIER AND PROCESSOR OF SEEDS

Date of Certification: 17th June 2026 2nd Surveillance Audit Due: 16th June 2028
2028 1st Surveillance Audit Due: 16th June 2027 Certificate Expiry: 16th June 2029

Certificate Number: 3050260617136Q



Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 360 days from date of the audit.
(In case surveillance audit is not allowed to be conducted, this certificate shall be suspended / withdrawn).
The Validity of this certificate can be verified at www.qrocert.org.
This certificate of registration remains the property of QRO Certification LLP and shall be returned immediately upon request.
India Office : QRO Certification LLP
142, 1st Floor, Astar Enclave, Near Panchan Vihar West Metro Station, Delhi-110063, (INDIA)
Website : www.qrocert.org, E-mail : info@qrocert.org

Product Features



AMARANTHUS (SAAG) : **JABA KUSUM (RED)**

SOWING TIME : Round the year, Except Winter.

CROP DURATION : 20-25 Days from sowing, crop become ready to uproot / harvest.

COLOUR : Deep Red like beet root.

SPECIAL FEATURE : Uniform red color, tender and non fibrous stem.

AMARANTHUS (SAAG) : **SADA NOTE (WHITE)**

SOWING TIME : Round the year.

CROP DURATION : 22-25 Days from sowing, crop become ready to uproot / cutting.

COLOUR : Leaves are Deep to Light green. Highly tasty.

SPECIAL FEATURE : Remain long time fresh in Distance market transportation.



AMARANTHUS (SAAG) : **WHITE JHAR KATWA (BUSHY- BRANCHY)**

SOWING TIME : From February to July (Spring, Summer and Rainy).

CROP DURATION : Crop became ready to harvest in 40-45 days from sowing.

COLOUR : Leaves and stem are Deep to Light green.

SPECIAL FEATURE : High branchy with 4-5 stem and plant achieve 3-4 feet height.



LONG YARD BEAN (LAFFA / BARBATTI) : **SONAR BANGLA**

SOWING TIME : From January to August (Winter, Spring, Summer & Rainy).

CROP DURATION : Crop became ready to harvest in 50-55 days from sowing.

FRUIT COLOUR : Fruits are Deep green.

CROP LONGIVITY : Another 45-50 days from first picking.

SPECIAL FEATURE : Fruit length : 48-60cm, uniform round with thick fleshy skin.

SEED COLOUR : Light Red or can say pink.





LONG YARD BEAN (LAFFA / BARBATTI) : **BLACK MAGIC**

SOWING TIME : Round the year.
CROP DURATION : Crop became ready to harvest in 50-55 days from sowing.
FRUIT COLOUR : Fruits are Deep green.
CROP LONGIVITY : Another 50-60 days from first picking.
SPECIAL FEATURE : Fruit length : 50-60cm, Vine is more branchy and vigorous with time.
SEED COLOUR : Black Seeded.
KEEPING QUALITY : Remain fresh for long time.

LONG YARD BEAN (LAFFA / BARBATTI) : **KARTIKA SUPER MIX**

SOWING TIME : JULY-OCTOBER.
CROP DURATION : Crop became ready to harvest in 55-60 days from sowing.
FRUIT COLOUR : Deep GREEN & RED fruits in same crop separately.
CROP LONGIVITY : 4-5 months from first picking.
SPECIAL FEATURE : Fruit 35-40cm, vine are more branchy & vigorous with time passes.
SEED COLOUR : Red-white blotched.
KEEPING QUALITY : Remain fresh for long time.



COWPEA (LOBIA) : **ANKITA**

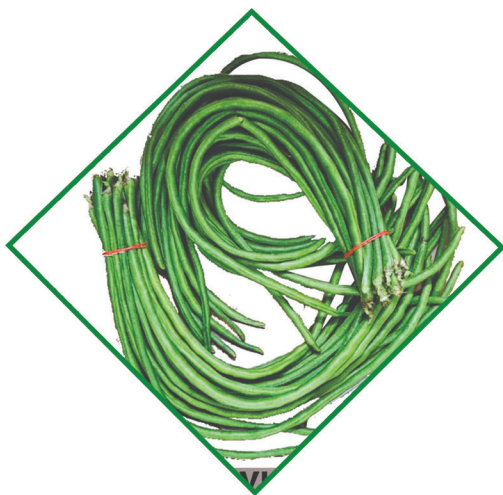
SOWING TIME : JANUARY- AUGUST (Winter, Spring, Summer and Rainy).
CROP DURATION : Short Height plant. Bushy in nature. 1st picking in 50-55 DAS.
FRUIT COLOUR : High tolerant to Leaf virus. Light GREEN.
CROP LONGIVITY : Another 40-60 Days from first picking.
SPECIAL FEATURE : Fruit Length : 15-18 inch (35-45 cm). Vigorous plant growth.
KEEPING QUALITY : Remain fresh for long time.

COWPEA (LOBIA / BARBATTI) : **SONAMANI**

SOWING TIME : ROUND THE YEAR. NEED STAKING as Creeper type plant.
CROP DURATION : 1st picking in 50-55 days from sowing.
FRUIT COLOUR : Light GREEN. High tolerant to Leaf virus.
CROP LONGEVITY : Plant Life : almost 3-4 month.
SPECIAL FEATURE : Fruit Length : 12-15 inch (30- 45 cm). Vigorous plant growth.
KEEPING QUALITY : Remain fresh for long time.



Product Features



COWPEA (LOBIA / BARBATTI) : **YUKY**

SOWING TIME : ROUND THE YEAR. NEED FRAME/ STAKING as Creeper type plant.
CROP DURATION : 1st picking in 55-60 days from sowing.
FRUIT COLOUR : DEEP GREEN. High tolerant to Leaf virus.
CROP LONGIVITY : Almost 4-5 month.
SPECIAL FEATURE : Fruit :12-15" 30- 45 cm). Vigorous plant growth as time passes
KEEPING QUALITY : Remain fresh for long time. Suitable for long distance transport.

LONG YARD BEAN (LAFFA / BARBATTI) : **LOVELY**

SOWING TIME : JULY-OCTOBER.
CROP DURATION : Crop became ready to harvest in 60 -65 days from sowing.
FRUIT COLOUR : Deep GREEN fruits With high flesh and thick skin for more weight.
CROP LONGIVITY : 50-65 days from first picking.
SPECIAL FEATURE : Fruit : 45-60cm, vine gets more branch & vigorous with time passes.
SEED COLOUR : Pink-Red.
KEEPING QUALITY : Remain fresh for long time.



FLAT BEAN (SEEM) : **HASHNABAD SUPER**

SOWING TIME : JUNE-JULY.
CROP DURATION : Ready to harvest in 85-90 (OCTOBER ONWARD) days from sowing.
FRUIT COLOUR : Deep GREEN & RED fruits with thick skin & high flesh for more wt.
CROP LONGIVITY : UPTO FEBRUARY from first picking.
SPECIAL FEATURE : Fruit Length : 6-7 inch, 1.5-2.0 inch wide. Vine gets more branchy & vigorous with long creepers with time passes.
SEED COLOUR : Red-pink.
KEEPING QUALITY : Remain fresh for long time.

FLAT BEAN (SEEM) : **MADHUMATI**

SOWING TIME : JUNE-SEPTEMBER.
CROP DURATION : Very early variety. Crop ready to 1st harvest in 45-48 DAS.
FRUIT COLOUR : Deep GREEN & RED fruits with high flesh & thick skin for more wt.
CROP LONGIVITY : Almost 6.5-7 month (15 JULY-15 FEB) from first picking.
SPECIAL FEATURE : Fruit : 6-7 x 1.5-2.0 inch, high fleshy, More branchy & vigorous.
SEED COLOUR : Red-pink. Seem remain fresh for long time.
DISEASE TOLERENCY : High tolerance to all kind of fungal and virus diseases.





PUI (BASIL) : **JHAR PUI SHAAK**

SOWING TIME : SEPTEMBER-DECEMBER.

CROP DURATION : Very early variety. Crop get ready to harvest in 45-48 days.

CROP COLOUR : Deep GREEN, HIGHLY FLESHY LEAF AND STEM

PLANT HEIGHT : 1-1.5 Feet for UPROOTING and 5-8 feet long on trailing cultivation.

SPECIAL FEATURE : Highly tasty. Suitable for both UP ROOTING & TRAILING CUTTING.

DISEASE TOLERANCY : High tolerance to all kind of fungal & virus diseases.

F1 HYBRID BITTER GOURD : **RADHA (SMALL SEGMENT)**

SOWING TIME : 15 JANUARY-15 AUGUST (Spring, Summer and Rainy).

CROP DURATION : 1st picking in 50-55 days from sowing.

FRUIT COLOUR : DEEP GREEN. High tolerant to Leaf virus.

CROP LONGIVITY : Plant Life : almost 45-50 Days from 1st picking.

SPECIAL FEATURE : Sharp spiny, pointed fruit with 8-10 cm long. Vigorous vines.

KEEPING QUALITY : Remain fresh for long time. Suitable for long distance transport.

DISEASE TOLERANCY : Very good tolerance to Fungus and virus diseases



F1 HYBRID BITTER GOURD : **TYASHA GOLD (SMALL SEGMENT)**

SOWING TIME : ROUND THE YEAR (Winter, Spring, Summer and Rainy).

CROP DURATION : 1st picking in 40-50 days from sowing.

FRUIT COLOUR : DEEP GREEN. High tolerant to Leaf virus. Mid-point radius : 6-7 cm.

CROP LONGIVITY : Plant Life : almost 45-50 Days from 1st picking.

SPECIAL FEATURE : Sharp Pointed, Spiny Spindle shape, 9-10 cm long. Vigorous vines.

KEEPING QUALITY : Remain long time fresh & suitable for long distance transport.

DISEASE TOLERANCY : Very good tolerance to Fungus and virus diseases.

F1 HYBRID BITTER GOURD : **POOJA (MEDIUM LONG SEGMENT)**

SOWING TIME : 15 JANUARY-15 AUGUST (Spring, Summer and Rainy).

CROP DURATION : 1st picking in 55 - 60 days from sowing.

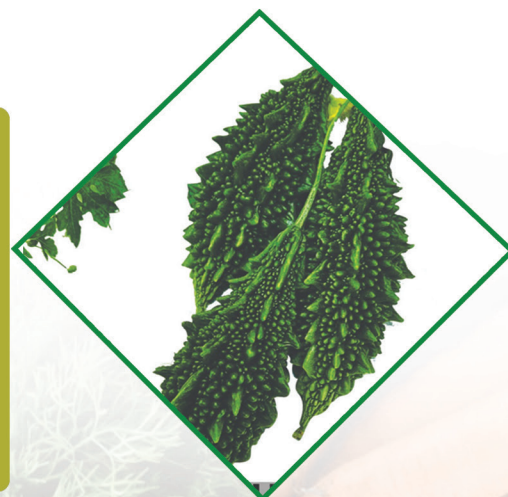
FRUIT CHARACTER : DEEP GREEN. 15-23 cm(6-9"), 75-100 gm average fruit weight.

CROP LONGIVITY : Plant Life : almost 55-70 Days from 1st picking.

SPECIAL FEATURE : Sharp spiny, pointed Fruit. Vigorous vines.

KEEPING QUALITY : Remain fresh for long time. Suitable for long distance shipping.

DISEASE TOLERANCY : Very good tolerance to Fungus and virus diseases.



Product Features

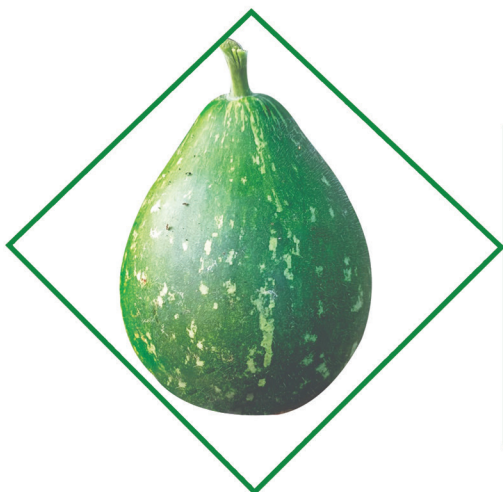
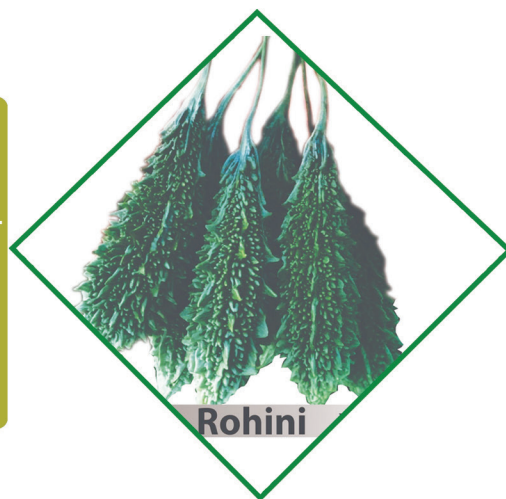


F1 HYBRID BITTER GOURD : **KALIA (MEDIUM LONG SEGMENT)**

SOWING TIME : 15 JANUARY-15 AUGUST (Spring, Summer and Rainy).
CROP DURATION : 1st picking in 55-60 days from sowing.
FRUIT CHARACTER : DEEP GREEN. 15-23 cm (6-9 inch), 70-80 gm average fruit weight.
CROP LONGIVITY : Plant Life : almost 55-70 Days from 1st picking.
SPECIAL FEATURE : Sharp spiny, pointed Fruit. Vigorous vines.
KEEPING QUALITY : Remain fresh for long time. Suitable for long distance transport.
DISEASE TOLERANCY : Very good tolerance to Fungus and virus diseases.

F1 HYBRID BITTER GOURD : **ROHINI (MEDIUM TO MEDIUM-LONG SEGMENT)**

SOWING TIME : FEBUARY-15 AUGUST (Spring, Summer and Rainy).
CROP DURATION : 1st picking in 50-55 days from sowing. VERY Early fruiting starts
FRUIT CHARACTER : DEEP GREEN. 6-9 Inch (15-23 cm), 85-120 gm average fruit weight.
CROP LONGIVITY : Plant Life : almost 70-75 Days from 1st picking.
SPECIAL FEATURE : Sharp spiny, pointed Fruit. Vigorous vines.
KEEPING QUALITY : Remain fresh for long time. Suitable for long distance transport.
DISEASE TOLERANCY : Very good tolerance to Fungus and virus diseases.

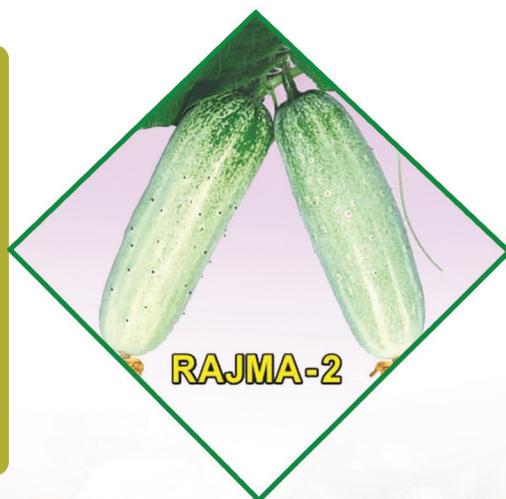


F1 HYBRID BOTTLE GOURD : **GREEN BALL (ROUND SHAPE)**

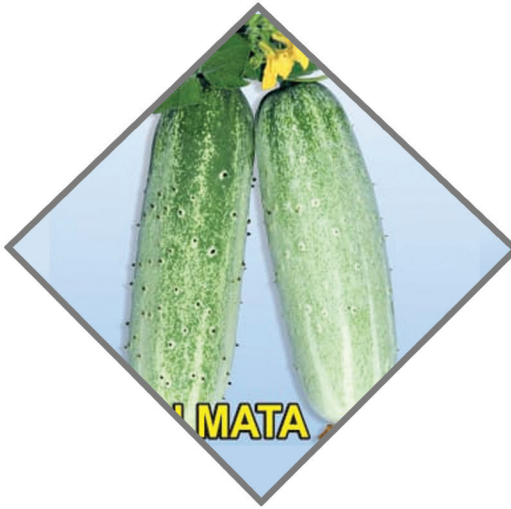
SOWING TIME : 15 JANUARY-15 AUGUST (Spring, Summer and Rainy).
CROP DURATION : 1st picking in 55-60 days from sowing.
FRUIT CHARACTER : LIGHT GREEN. ROUND. 1000-1200 GM average fruit weight.
CROP LONGIVITY : Plant Life : almost 55-70 Days from 1st picking.
SPECIAL FEATURE : Ballon shape with very high yielder. Vigorous vines. Tender fruits.
KEEPING QUALITY : Remain fresh for long time. Suitable for long distance / transport.
DISEASE TOLERANCY: Very good tolerance to Fungus and virus diseases.

CUCUMBER : **RAJMA (30-40 DAYS) IMPROVED/SELECTION**

SOWING TIME : 15 FEBRUARY- END OF JULY (Spring, Summer and Early monsoon).
CROP DURATION : 1st picking in 30-35 days from sowing. VERY Early fruiting starts.
FRUIT CHARACTER : LIGHT GREEN. 5-7 inch. 75-125 gm in soil and 125-150 gm in frame.
CROP LONGIVITY : Almost 70-75 Days. Fruiting continues for 30-40 Days .
VINE CHARACTER : Short vine length approx 4 feet in soil and up to 7 feet in frame.
SPECIAL FEATURE : Need early care for best vegetative growth for higher number Fruit.
SOWING SUITABILITY : Suitable variety for both soil and frame cultivation.
KEEPING QUALITY : Remain fresh for short time. Suitable for local market fresh use.
DISEASE TOLERANCY : Very good tolerance to Fungus and virus diseases.



Product Features



CUCUMBER : **RAJMATA (30-40 DAYS) IMPROVED / SELECTION**

SOWING TIME : 15 FEBRUARY- END OF JULY (Spring, Summer and Early monsoon).
CROP DURATION : 1st picking in 30-35 days from sowing. VERY Early fruiting starts.
FRUIT CHARACTER : LIGHTGREEN. 12-17cm long. 75-125 gm in soil & 125-150 gm in frame.
CROP LONGIVITY : Crop Life : almost 70-75 Days. Fruiting continues for 30-40 Days.
VINE CHARACTER : Short vine length approx 4 feet in soil and up to 7 feet in frame.
SPECIAL FEATURE : Short period crop. Need early care for best vegetative growth.
SOWING SUITABILITY : Suitable variety for both soil and frame cultivation.
KEEPING QUALITY : Remain fresh for short time.Suitable for local market fresh use.
DISEASE TOLERANCY : Very good tolerance to Fungus and virus diseases.

CUCUMBER : **HOICHOI (30-40 DAYS) IMPROVED / SELECTION**

SOWING TIME : 15 FEBRUARY- END OF JULY (Spring, Summer and Early monsoon).
CROP DURATION : 1st picking in 30-35 days from sowing. VERY Early fruiting starts.
FRUIT CHARCATER : LIGHT GREEN. 5-7 Inch long.75-125 gm in soil &125-150 gm in frame.
CROP LONGIVITY : Plant Life : almost 70-75 Days. Fruiting continues for 30-40 Days.
VINE CHARACTER : Short vine length approx 4 feet in soil and up to 7 feet in frame.
SPECIAL FEATURE : Short period crop. Need early care for best vegetative growth.
SOWING SUITABILTY : Suitable variety for both soil and frame cultivation.
KEEPING QUALITY : Remain fresh for short time. Suitable for local market fresh use.
DISEASE TOLERANCY : Very good tolerance to Fungus and virus diseases.



CUCUMBER : **JIO (30-40 DAYS) IMPROVED / SELECTION**

SOWING TIME : 15 FEBRUARY-END OF JULY (Spring, Summer and Early monsoon).
CROP DURATION : 1st picking in 30-35 days from sowing. VERY Early fruiting starts.
FRUIT CHARCATER : LIGHT GREEN. 5-7 Inch long.75-125 gm in soil &125-150 gm in frame.
CROP LONGIVITY : Plant Life : almost 70-75 Days. Fruiting continues for 30-40 Days.
VINE CHARACTER : Short vine length approx 4 feet in soil and up to 7 feet in frame.
SPECIAL FEATURE : Short period crop. Need early care for best vegetative growth.
SOWING SUITABILITY : Suitable variety for both soil and frame cultivation.
KEEPING QUALITY : Remain fresh for short time. Suitable for local market & fresh use.
DISEASE TOLERANCY : Very good tolerance to Fungus and virus diseases.

CUCUMBER : **7 STAR (30-40 DAYS) IMPROVED / SELECTION**

SOWING TIME: 15 FEBRUARY-END OF JULY (Spring, Summer and Early monsoon).
CROP DURATION:1st picking in 30-35 days from sowing. VERY Early fruiting starts.
FRUIT CHARACTER: LIGHT GREEN. 5-7 Inch long.75-125 gm in soil &125-150 gm in frame.
CROP LONGIVITY: Plant Life : almost 70-75 Days. Fruiting continues for 30-40 Days.
VINE CHARACTER: Short vine length approx 4 feet in soil and up to 7 feet in frame.
SPECIAL FEATURE: Short period crop. Need early care for best vegetative growth & fruits.
SOWING SUITABILITY: Suitable variety for both soil and frame cultivation.
KEEPING QUALITY: Remain fresh for short time. Suitable for local marketing & fresh use.
DISEASE TOLERANCY: Very good tolerance to Fungus and virus diseases.



Product Features



CUCUMBER : **PAKHI(30-40 DAYS) IMPROVED / SELECTION**

SOWING TIME : 15 FEBRUARY- END OF JULY (Spring, Summer & Early monsoon).
CROP DURATION : 1st picking in 30-35 days from sowing. VERY Early fruiting starts.
FRUIT CHARACTER : LIGHT GREEN. 5-7 Inch long. 75-125 gm in soil & 125-150 gm in frame.
CROP LONGIVITY : Plant Life: almost 70-75 Days. Fruiting continues for 30-40 Days.
VINE CHARACTER : Short vine length approx 4 feet in soil and up to 7 feet in frame.
SPECIAL FEATURE : Short period crop. Need early care for best vegetative growth & fruit.
SOWING SUITABILITY : Suitable variety for both soil and frame cultivation.
KEEPING QUALITY : Remain fresh for short time. Suitable for local market n fresh use.
DISEASE TOLERANCY : Very good tolerance to Fungus and virus diseases.

CUCUMBER : **10 STAR (30-40 DAYS) IMPROVED / SELECTION**

SOWING TIME : 15 FEBRUARY-END OF JULY (Spring, Summer and Early monsoon).
CROP DURATION : 1st picking in 30-35 days from sowing. VERY Early fruiting starts.
FRUIT CHARACTER : LIGHT GREEN. 5-7 Inch long. 75-125 gm in soil & 125-150 gm in frame.
CROP LONGIVITY : Plant Life : Almost 70-75 Days. Fruiting continues for 30-40 Days.
VINE CHARACTER : Short vine length approx 4 feet in soil and up to 7 feet in frame.
SPECIAL FEATURE : Short period crop. Need early care for best vegetative growth.
for SOWING SUITABILITY : Suitable variety for both soil and frame cultivation.
KEEPING QUALITY : Remain fresh for short time. Suitable for local market n fresh use.
DISEASE TOLERANCY : Very good tolerance to Fungus and virus diseases.



CUCUMBER : **SAMRAT SUPER (40-50 DAYS) IMPROVED/SELECTION**

SOWING TIME : 15 FEB-15 MAR (SOIL CULTIVATION), 15 MAR-15 SEPT (FRAME).
CROP DURATION : 1st pick in 40-45 . Late season sowing gives early & longer fruits.
FRUIT CHARCTER : LIGHT GREEN. 5-7 Inch long. 100-150 gm in soil & 125-150 gm in frame.
CROP LONGIVITY : Fruiting continue for 40-50 Days from 1st picking. Long and vigorous
VINE CHARACTER : Creeper length approx 6-8 feet in soil and up to 9-14 feet in frame.
SPECIAL FEATURE : longer period crop. Need early care for best vegetative growth .
SOWING SUITABILITY : Suitable variety for both soil and frame cultivation.
KEEPING QUALITY : Remain fresh for short time. Suitable for local market n quick use.
DISEASE TOLERANCY : Very good tolerance to Fungus and virus diseases.

CUCUMBER : **FALGUNI (40-50 DAYS) IMPROVED / SELECTION**

SOWING TIME : 15 FEB-15 MAR (SOIL CULTIVATION), 15 MAR-15 SEPT (FRAME).
CROP DURATION : 1st pick in 40-45 Days. Late season sowing gives early & longer fruits.
FRUIT CHARCTER : LIGHT GREEN. 5-7 Inch long. 100-150 gm in soil & 125-150 gm in frame.
CROP LONGIVITY : Fruiting continue for 40-50 Days from 1st picking. Long and vigorous.
CREEPER CHARACTER : Vine length approx 6-8 feet in soil and up to 9-14 feet in frame.
SPECIAL FEATURE : Longer period crop. Need early care for best vegetative growth .
SOWING SUITABILITY : Suitable variety for both soil and frame cultivation.
KEEPING QUALITY : Remain fresh for short time. Suitable for local market n quick use.
DISEASE TOLERANCY : Very good tolerance to Fungus and virus diseases.



Product Features



CUCUMBER : **HUNGAMA SUPER (WINTER SEASON VAR)** **(50-60 DAYS) IMPROVED/SELECTION**

SOWING TIME : 15 SEPT- 30 DEC (ONLY WINTER SEASON FRAME CULTIVABLE VAR)
CROP DURATION : 1st pick: 55-60 days. Late season sowing gives early & longer fruits.
FRUIT CHARACTER : LIGHT GREEN. 9-11 Inch long. 125-150 gm in soil as well as frame.
CROP LONGIVITY : Fruiting continue for 60-75 Days from 1st picking. Long and vigorous.
CREEPER CHARACTER : Creeper length approx 6-8 feet in soil, up to 9-14 feet in frame.
SPECIAL FEATURE : longer period crop. Need early care for best vegetative growth
SOWING SUITABILITY : Suitable variety for both soil and frame cultivation.
KEEPING QUALITY : Desi in taste. Remain fresh for long time. Suitable for distant market.
DISEASE TOLERANCY : Very good tolerance to Fungus and virus diseases.

CUCUMBER : **KAMALPUR-12 PATTA (WINTER SEASON VAR)** **(30-35 DAYS) IMPROVED/SELECTION**

SOWING TIME : 15 SEPT-15 JANUARY (WINTER SEASON VARIETY).
CROP DURATION : 1st picking in 30-35 days from sowing. VERY Early fruiting starts.
FRUIT CHARACTER : LIGHT GREEN. 5-6 Inch (12-15 cm) long fruit.
FRUIT WEIGHT : 75-125 gm in soil and 125-150 gram in frame.
CROP LONGIVITY : Plant Life : almost 70-75 Days. Fruiting continues for 30-40 Days.
CREEPER CHARACTER : Short vine length approx 4 feet in soil and up to 7 feet in frame.
SPECIAL FEATURE : Short period crop. Need early care for best vine growth & higher Fruit.
SOWING SUITABILITY : Suitable variety for both soil and frame cultivation.
KEEPING QUALITY : Remain fresh for short time. Suitable for local market & fresh use.
DISEASE TOLERANCY : Very good tolerance to Fungus and virus diseases.



CUCUMBER : **KAMALPUR SUPER** **(30-35 DAYS) IMPROVED / SELECTION**

SOWING TIME : 15 SEPT-15 JANUARY (WINTER SEASON VARIETY).
CROP DURATION : 1st picking in 30-35 days from sowing. VERY Early fruiting starts.
FRUIT CHARACTER : LIGHT GREEN. 5-6 Inch (12-15 cm) long fruit.
FRUIT WEIGHT : 75-125 gm in soil and 125-150 gram in frame .
CROP LONGIVITY : Plant Life : almost 70-75 Days. Fruiting continues for 30-40 Days.
CREEPER CHARACTER : Short vine length approx 4 feet in soil and upto 7 feet in frame.
SPECIAL FEATURE : period crop. Need early care for best vine growth & higher Fruit.
SOWING SUITABILITY : Suitable variety for both soil and frame cultivation.
KEEPING QUALITY : Remain fresh for short time. Suitable for local market & fresh use.
DISEASE TOLERANCY : Very good tolerance to Fungus and virus diseases.



F1 HYBRID OKRA/ BHINDI : **BADSAAH**

SOWING TIME : 15 JANUARY-15 AUGUST (LATE WINTER—MID RAINY) SEASON.
CROP DURATION : 1st picking @ 40-42 days from sowing. VERY Early fruiting starts.
FRUIT CHARACTER : 5 ridged, Deep Green, Glossy, shiny. 4-5 Inch (10-12 cm) long fruit.
FRUIT & PLANT FEATURE : Fruits 15-25 gm weight Plant height: 5-8 feet. Branch: 5-6.
CROP LONGIVITY : 130-150 Days. Fruiting continues for 80-90 Days from 1st picking..
SPECIAL FEATURE : Short inter node gap . Highly TOLERANT to ELCV, TYLCV.
KEEPING QUALITY : Remain fresh and tender even in 1-2 days delay in harvesting.



Product Features



F1 HYBRID OKRA / BHINDI : **BAHADUR**

SOWING TIME : 15 JANUARY-15 AUGUST (LATE WINTER-MID RAINY) SEASON.
CROP DURATION : 1st picking @ 40-42 days from sowing. VERY Early fruiting starts.
FRUIT CHARACTER : 5 ridged, Deep Green, Glossy, shiny. 4-5 Inch (10-12 cm) long fruit.
FRUIT & PLANT FEATURE : Fruits 15-25 gm weight Plant height: 5-8 feet. Branch : 5-6.
CROP LONGIVITY : 130-150 Days. Fruiting continues for 80-90 Days from 1st picking..
SPECIAL FEATURE : Short inter node gap. Highly TOLERANT to ELCV, TYLCV.
KEEPING QUALITY : Remain fresh and tender even in 1-2 days delay in harvesting.

F1 HYBRID OKRA / BHINDI : **NIDHI-26**

SOWING TIME : 15 JANUARY-15 AUGUST (LATE WINTER-MID RAINY) SEASON.
CROP DURATION : 1st picking @ 40-42 days from sowing. VERY Early fruiting starts.
FRUIT CHARACTER : 5 ridged, Deep Green, Glossy, shiny. 4-5 Inch (10-12 cm) long fruit.
FRUIT & PLANT FEATURE : Fruits 15-25 gm weight Plant height: 5-8 feet. Branch:5-6.
CROP LONGIVITY : 130-150 Days. Fruiting continues for 80-90 Days from 1st picking..
SPECIAL FEATURE : Short inter node gap . Highly TOLERANT to ELCV, TYLCV.
KEEPING QUALITY: Remain fresh and tender even in 1-2 days delay in harvesting.



F1 HYBRID OKRA / BHINDI : **ASHA (WINTER SEASON SEGMENT)**

SOWING TIME : 15 JANUARY-15 AUGUST (LATE WINTER-MID RAINY) SEASON.
CROP DURATION : 1st picking @ 40-42 days from sowing. VERY Early fruiting starts.
FRUIT CHARACTER : 5 ridged, Deep Green, Glossy, shiny. 4-5 Inch (10-12 cm) long fruit.
FRUIT & PLANT FEATURE : Fruits 15-25 gm weight Plant height: 5-8 feet. Branch : 5-6.
CROP LONGIVITY : 130-150 Days. Fruiting continues for 80-90 Days from 1st picking..
SPECIAL FEATURE : Short inter node gap . Highly TOLERANT to ELCV, TYLCV.
KEEPING QUALITY : Remain fresh and tender even in 1-2 days delay in harvesting.

F1 HYBRID OKRA / BHINDI : **DAWN (WINTER SEASON SEGMENT)**

SOWING TIME : NOVEMBER-DECEMBER (WINTER SEASON).
CROP DURATION : 1st picking @ 40-42 days from sowing. VERY Early fruiting starts.
FRUIT CHARACTER : 5 ridged, Deep Green, Glossy, shiny. 4-5 Inch (10-12 cm).long fruit.
PLANT FEATURE : Fruits 15-25 gm weight Plant height: Short:3-4 feet. Branch:3-4.
CROP LONGIVITY : 70-80 Days. Fruiting continues for 30-40 Days from 1st picking..
SPECIAL FEATURE : COLD LOVING VARIETY. Highly TOLERANT to ELCV, TYLCV.
KEEPING QUALITY : Remain fresh and tender even in 1-2 days delay in harvesting.



Product Features

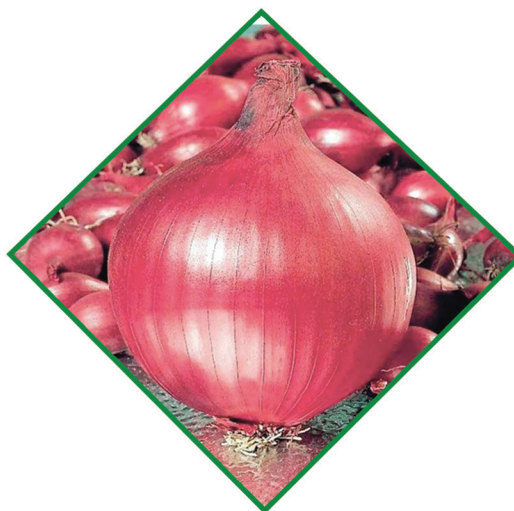
RESEARCH OKRA / BHINDI : **OK-2014**



SOWING TIME : ROUND THR YEAR VARIETY ACCORDING TO LOCAL SUITABILITY.
CROP DURATION : 1st picking @ 42-45 days from sowing. Early fruiting starts.
FRUIT CHARCTER : 5 ridged, Deep Green, Glossy, shiny. 5 -6 Inch (12-15 cm) long fruit.
FRUIT & PLANT FEATURE : Fruits 15-25 gm. Plant height: Medium :4-5 feet. Branch: 3-4.
CROP LONGIVITY : 70-80 Days. Fruiting continues for 30-40 Days from 1st picking..
SPECIAL FEATURE : Cold, Summer, Rainy season variety.
High tolerance : ELCV, TYLCV.
KEEPING QUALITY : Remain fresh and tender even in 1-2 days delay due in harvesting.

ONION (RESEARCH) : **SUKHSAGAR**

SOWING TIME : OCT- JAN & JUL- NOV. Often planted for both Kharif & Rabi seasons
CROP DURATION : Seedling Period: 30 DAYS, MAIN FIELD: 100-110 DAYS,
APPEARENCE : Bulbs typically round to oval or flattish-round. Vibrant reddish-purple
BULB CHARACTER : Firm texture, Shiny skin. Wt: 100-110 gm. Medi- large bulb 45-70mm.
SPECIAL FEATURE : Vibrant reddish-purple .Outer skin, white to light pink inner flesh .
SPECIAL FEATURE : High Pungent due to Sulphur compound . Excellent keeping quality.
SHELF LIFE : Storage life : typically 6-7 months, and can last up to 11-12 months.
NUTRI/ CHEM VALUE : High dry matter content & TSS: around 14-15° Brix).



ONION (RESEARCH) : **N-53 (RED GOLD)**

SOWING TIME : OCTOBER-JAN, often planted for both Kharif& Rabi seasons.
CROP DURATION : SEEDLING PERIOD 30 DAYS, MAIN FIELD 100-105 DAYS.
APPEARENCE : Bulbs typically round to oval or flattish-round.
BULB CHARACTER : Firm texture, Shiny skin. Wt : 100-110 gm. Medi -large bulb 45-70mm.
SPECIAL FEATURE : Vibrant reddish-purple. Outer skin, white to light pink inner flesh.
SPECIAL FEATURE : High Pungent due to sulphur compound content.
SHELF LIFE : Storage lifr : typically 3-4 months, and can last up to 8-9 months.
NUTRI/ CHEMICAL VALUE : Highly dry matter content TSS around 12-13° Brix.

F1 HYBRID PUMPKIN : **SONALI**

SOWING TIME : ROUND THE YEAR.
CROP DURATION : 1st picking @ 75-80 days from sowing. VERY Early fruiting starts.
FRUIT CHARCTER : FLAT ROUND with Ridges.SKIN: Deep Green with white blotch,
FRUIT & CREEPER : Fruits 3-4.5 kg. Min 4-5 fruit/ plant. Vigorous creeper. Branch:5-6.
CROP LONGIVITY : 120-140 Days. Fruiting continues for 80-90 Days from 1st picking.
SPECIAL FEATURE : More Fleshy area than core fiber waste area . Waste % is very less.
KEEPING QUALITY : Matured Ripen fruits remain fresh and sweet for long time.



Product Features



F1 HYBRID PUMPKIN : **BAHUBAALI (SPINDLE / DRUM SHAPE)**

SOWING TIME : ROUND THE YEAR.

CROP DURATION : 1st picking @ 75-80 days from sowing. VERY Early fruiting starts.

FRUIT CHARACTER : FLAT ROUND with Ridges..SKIN: Deep Green with white blotch

FRUIT & CREEPERS : Fruits 4-6 kg. Min 3-4 fruit/ plant.Vigorous creeper. Branch : 5-6.

CROP LONGIVITY : 120-140-Days. Fruiting continues for 80-90 Days from 1st picking..

SPECIAL FEATURE : MORE Fleshly area than core fiber waste area. Waste % is very less.

KEEPING QUALITY : Ripen fruits remain fresh and sweet for long time.

F1 HYBRID HOT PEPPER / CHILLI : **HOT QUEEN**

SOWING SEASON : JUNE- NOVEMBER (KHARI AND WINTER).

PLANT STRUCTURE : Bushy, Close Inter node, High Branching, Heavy fruit loading.

FRUIT CHARACTER : VERY HIGH PUNGENT, FRUITS IN ALMOST ALL INTERNODE.

FRUIT FEATURE : LENGTH : 6-8 CM, Pencil thickness.

AVAERAGE FRUIT WT : 3-4 GM

FRUIT COLOR : GREEN TO DARK GREEN. FIRST PICKING : IN 60-65 DAT.



F1 HYBRID HOT PEPPER / CHILLI : **BULLET**

SOWING SEASON : JUNE-NOVEMBER (KHARI AND WINTER).

PLANT STRUCTURE : Bushy, Close Inter node, High Branching, Heavy fruit loading.

FRUIT CHARACTER : VERY HIGH PUNGENT, FRUITS IN ALMOST ALL INTERNODE.

FRUIT FEATURE : LOOKS LIKE BULLET. FRUIT LENGTH: 5-7CM WITH PIONTED

TIP FRUIT SHAPE : LOWER HIGHER GIRTH DIAMETER.

AVAERAGE FRUIT WT : 4-5 GM

FRUIT COLOR : GREEN TO DARK GREEN. FIRST PICKING : IN 60-65 DAT.



F1 HYBRID CAPSICUM (BELL / SWEET PEPPER) : **RED CHIP (BLOCKY)**

SOWING SEASON : JUNE TO NOVEMBER (KHARI AND WINTER).

PLANT STRUCTURE : Bushy, Close Inter node. High Branching,

FRUIT LOAD : Exellent Bearing and LOADING IN ALMOST ALL INTERNODE.

FRUIT FEATURE : LOOKS LIKE BELL. FRUIT ARE BLOCKY WITH 4 BLOCK.

FUIR FRUIT LENGH : 6-8 CM LONG, 8-10 CM DIAMETER,125-150 GRAM WT.

FRUIT COLOR : GREEN TO DARK GREEN. FIRST PICKING : IN 60-65 DAYS.





**F1 HYBRID CAPSICUM (SWEET PEPPER) :
GREEN CHIP (LONG-BLOCKY)**

SOWING SEASON : JUNE TO NOVEMBER (KHARI AND WINTER)
PLANT STRUCTURE : Bushy, Close Inter node. High Branching,
FRUIT LOAD : Exellent Bearing and LOADING IN ALMOST ALL INTERNODE.
FRUIT FEATURE : LOOKS LIKE BELL. FRUIT ARE BLOCKY WITH 4 BLOCK. FUIR
FRUIT LENGTH : 6-8 CM LONG, 8-10 CM DIAMETER, 125-150 GRAM WT.
FRUIT COLOR : GREEN TO DARK GREEN. FIRST PICKING : IN 60-65 DAYS

F1 HYBRID SNAKE GOURD/ CHICHINGA / CHICHINDA / HOPA : SAI

SOWING TIME : DECEMBER –JULY (WINTER –MID MONSOON).
CROP DURATION : 1st picking @ 55-60 days from sowing. VERY Early fruiting starts
FRUIT CHARCTER : Fruits Long-white line on green body skin. Weight : 250-300 gm.
FRUIT & PLANT FEATURE : Fruits 1.5-2,0 feet long. Vigorous Vine.
CROP LONGIVITY : 120-140-Days. Fruiting continues for 80-90 Days from 1st picking.
SPECIAL FEATURE : Highly thick skin and fleshy. Waste % is very less.
KEEPING QUALITY : Matured fruits remain fresh and tender for long time.



RIDGE GOURD/ DHUNDUL / TORUI (IMPROVED) : MANIPURI (50-55 DAYS)

SOWING TIME : MAR-JUL(SUMMER- RAINY). IN SOIL : MAR-APR.
IN FRAME : MAY - JUL.
CROP DURATION : First harvesting starts at around 44-45 days after sowing.
FRUIT CHARCTER : 8-12 inch long fruit with 200-250gram weight.
PLANT FEATURE : Suitable for soil and frame cultivation. Good vegetative vine growth.
CROP LONGIVITY : 40-45 Days from first fruiting.

**RIDGE GOURD / JHINGA / JANNY / TOROI (IMPROVED) :
HATIBARI (50-55 DAYS)**

SOWING TIME : DEC - JULY. SUITABLE ONLY FOR FRAME / STAKING CULTIVATION.
CROP DURATION : 1st harvesting starts at around 50-55 days after sowing.
FRUIT CHARCTER : 12 -16 inch long fruit with 350-450gram weight. Light green fruits.
PLANT FEATURE : Frame cultivation. Very Good vegetative vine growth.
CROP LONGIVITY : 55-60 Days from first fruiting.
DISEASE TOLERANCY : Highly tolerant to Blight, Downy mildew.



Product Features



RIDGE GOURD / JHINGA / JANNY / TOROI (IMPROVED) : **PALISONA (50-55 DAYS)**

SOWING TIME : DEC-JUL. FOR BOTH SOIL & FRAME.

BUT ONLY FOR FRAME : APR - JUL.

CROP DURATION : 1st harvesting starts at around 45-50 days after sowing.

FRUIT CHARACTER : 12 -16 inch long fruit with 350-450gram weight. Light green fruits.

PLANT FEATURE: Frame cultivation. Very Good vegetative vine growth.

CROP LONGIVITY: 50-60 Days from first fruiting.

DISEASE TOLERENCY: Highly tolerant to Blight, Downy mildew.

F1 HYBRID SPONGE GOURD / GHIYA / GHEURA : **SHARDA (WHITE)**

SOWING TIME : DEC - JULY. SUITABLE FOR SOIL & FRAME/ STAKING CULTIVATION.

CROP DURATION : First harvesting starts at around 50-55 days after sowing.

FRUIT CHARACTER : 12 -16 inch long fruit with 350-450gram weight. Light green fruits.

PLANT FEATURE : Frame cultivation. Very Good vegetative vine growth.

CROP LONGIVITY : 55-60 Days from first fruiting.

DISEASE TOLERENCY : Highly tolerant to Blight, Downy mildew.



F1 HYBRID SPONGE GOURD/GHIYA/GHEURA : **SHARDA (WHITE)**

SOWING TIME: DEC- JULY. SUITABLE FOR SOIL & FRAME/ STAKING CULTIVATION.

CROP DURATION: First harvesting starts at around 50-55 days after sowing.

FRUIT CHARACTER: 12 -16 inch long fruit with 350-450gram weight. Light green fruits.

PLANT FEATURE: Frame cultivation. Very Good vegetative vine growth.

CROP LONGIVITY: 55-60 Days from first fruiting.

DISEASE TOLERENCY: Highly tolerant to Blight, Downy mildew.



F1 HYBRID SPONGE GOURD / GHIYA / GHEURA: **GREEN MASTER (DEEP GREEN)**

SOWING TIME : MAR-JUL(SUMMER- RAINY). IN SOIL : MAR-APR. IN FRAME : MAY-JUL.

CROP DURATION : First harvesting starts at around 44-45 days after sowing.

FRUIT CHARACTER : Deep green Fruits. Smooth skin. 8-12 inch long fruit with 200-250 gm.

PLANT FEATURE : suitable for soil and frame cultivation. Good vegetative vine growth.

CROP LONGIVITY : 40-45 Days from first fruiting.





**F1 HYBRID RIDGE GOURD (JHINGA / JANNY / TOROI) :
RANU GOLD (45-50 DAYS)**

SOWING TIME : DEC - AUGUST. SUITABLE FOR SOIL & FRAME / STAKING CULTIVATION.
CROP DURATION : First harvesting starts at around 50-55 days after sowing.
FRUIT CHARACTER : 12 -16 inch long fruit with 350-450gram weight. Light green fruits.
PLANT FEATURE : Frame cultivation. Very Good vegetative vine growth.
CROP LONGIVITY : 55-60 Days from first fruiting.
DISEASE TOLERANCY : Highly tolerant to Blight, Downy mildew.

**F1 HYBRID RIDGE GOURD (JHINGA / JANNY / TOROI) :
PALAK (45-50 DAYS)**

SOWING TIME : DEC - AUGUST. SUITABLE FOR SOIL & FRAME / STAKING CULTIVATION.
CROP DURATION : 1st harvesting starts at around 50-55 days after sowing.
FRUIT CHARACTER : 12 -16 inch long fruit with 350-450gram weight. Light green fruits.
PLANT FEATURE : Frame cultivation. Very Good vegetative vine growth.
CROP LONGIVITY : 55-60 Days from first fruiting.
DISEASE TOLERANCY : Highly tolerant to Blight, Downy mildew.



F1 HYBRID RADISH : SUDHA (28-35 DAYS)

SOWING TIME : ROUND THE YEAR.
CROP DURATION : 35-40 Days crop. 1st uprooting can be in 28 -29 days in fertile soil.
FRUIT CHARACTER : 8-9 inch long tuber with 120-150 gram weight .White smooth skin,
PLANT FEATURE : It's leaves can be consumed as saag / leafy vegetable.Non pungent.
CROP LONGIVITY : 55-60 Days from first fruiting.
DISEASE TOLERANCY : Highly tolerant to Blight, Downy mildew.

RADISH (IMPROVED) : BENGAL PINK (40-45 DAYS)

SOWING TIME : MAY-SEPTEMBER.
CROP DURATION : 35-40 Days crop. 1st uprooting can be in 40-42 days in fertile soil.
FRUIT CHARACTER : 8-9 inch long tuber: 120-150 gram weight. RED-WHITE smooth skin,
PLANT FEATURE : It's leaves can be consumed as saag / leafy vegetable.Non pungent.
CROP LONGIVITY : 55-60 Days from first fruiting.
DISEASE TOLERANCY : Highly tolerant to Blight, Downy mildew.



Product Features



F1 HYBRID TOMATO RED : **JEWEL (OVAL / OBLONG SHAPE)**

SOWING TIME : AUGUST- 15 JANUARY.

CROP DURATION : 1st harvesting starts at 65-70 DAT. And continue till 90-100 DAT.

FRUIT CHARACTER : OBLONG fruits. 90-120 gram with 5.5 TSS .Deep RED in ripen fruit,

PLANT FEATURE : Semi determinate plant, Heavy Foliage crop need Strong staking.

DISEASE TOLERENCY : Highly tolerant to Leaf Blight, root rot, Downy mildew.

F1 HYBRID TOMATO : **SUNNY (OVAL / OBLONG SHAPE)**

SOWING TIME : AUGUST- 15 JANUARY.

CROP DURATION : First harvesting starts at 65-70 DAT. And continue till 90-100 DAT.

FRUIT CHARACTER : OBLONG fruits. 90-120 gram with 5.5 TSS. Deep RED in ripen fruit,

PLANT FEATURE : Semi determinate plant, Heavy Foliage crop need Strong staking.

DISEASE TOLERANCY : Highly tolerant to Leaf Blight, root rot, Downy mildew.



F1 HYBRID TOMATO : **RED EXPRESS (ROUND SHAPE)**

SOWING TIME : AUGUST- 15 JANUARY.

CROP DURATION : 1st harvesting starts at 65-70 DAT. And continue till 90-100 DAT.

FRUIT CHARACTER : ROUND fruits. HYV. Juicy, sour with 100-130 gram with 5.0 TSS. Deep RED in ripen fruit, uniform fruits for long time.

PLANT FEATURE: Semi determinate plant, Heavy Foliage crop need Strong staking.

DISEASE TOLERANCY: Highly tolerant to Leaf Blight, root rot, Downy mildew.

F1 HYBRID WATER MELON : **RED HONEY (OVAL SHAPE)**

SOWING TIME : NOVEMBER- MARCH .

FRUIT SHAPE : OVAL TO CAPSULATED OBLONG fruits.

FRUIT WEIGHT : 1st harvesting starts at 65-70 DAS. And continue till 70-75 DAS.

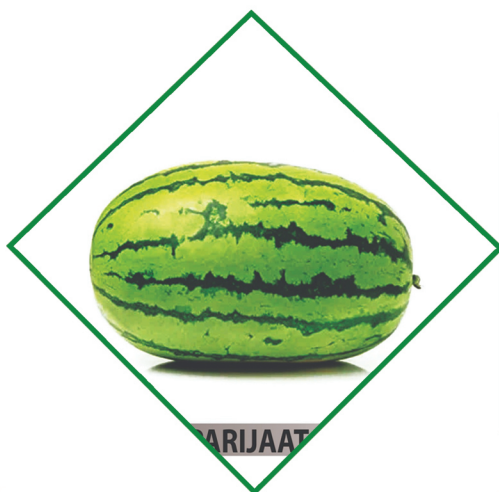
FRUIT CHARACTER : 3-4 Kg. SKIN: BLACKISH GREEN. TSS:12-12.5. Deep RED inner fruit,

PLANT FEATURE : Heavy foliage. Average 2-3 standard fruits/ seeds plant.

DISEASE TOLERANCY : Highly tolerant to Leaf Blight, root rot, Downy mildew.



Product Features



F1 HYBRID WATER MELON : PARIJAAT (OVAL-STRIPPED / ZEBRA SHAPE)

SOWING TIME : NOVEMBER - MARCH.

FRUIT SHAPE : OVAL TO CAPSULATED OBLONG fruits.

FRUIT WEIGHT : First harvesting starts at 65-70 DAS. And continue till 70-75 DAS.

FRUIT CHARACTER : 5 - 6 KG. : BLACKISH GREEN.TSS : 12-12.5. Deep RED inner fruit,

PLANT FEATURE : Heavy foliage. Average 2-3 standard fruits/ seeds plant.

DISEASE TOLERANCY : Highly tolerant to Leaf Blight, root rot,Downy mildew.

Packet Representation



Produced, Packed & Marketed by:

AGRICULTURAL CENTRE

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