



**KARTAVYA**  
SEEDS



अपनाओ वही.. जो है सही..





## SUPERIOR SEEDS FOR SUSTAINABLE GROWTH



**KARTAVYA**  
SEEDS

Kartavya Seeds is Dedicated to Growth of Farmers. We Are an ISO 9001 : 2015 Certified Company Engaged in Research & Production of Superior Quality Seeds for a Wide Range of Field Crops, Vegetable Crops, Pulse Crops, Spice Crops & Forage Crops.

Backed By 20 Years of Experience & Expertise, We Have Become a Force to Be Reckoned With in Seeds Industry By Consistently Meeting Farmers' Expectations of Excellence in Disease Resistance, Quality & Yield.

Our Seeds are Ingrained With Qualities to Produce Safe, Rich, Flavourful, Nutritious Crop. While the Farmers Harvest Prosperous Crops, They are Able to Achieve it With Fewer Resources. This Protects the Environment & Sets the Right Foundation to Realize Sustainable Growth.





## VISION

Helping farmers grow robust, safe and high quality crops sustainably by producing and supplying superior seeds with a drive for innovation that addresses challenges faced by the farmers.

## VALUES

- We are committed to deliver high quality seeds
- We continuously innovate to address challenges of farmers
- We exhibit integrity in all our work
- We encourage environmentally responsible farming practices



## SELECT RIGHT SEEDS, GROW MORE CROP



While Quality & Quantity of Crop is Influenced by Geological & Environmental Factors, Selecting Right Seeds Sets the Foundation of Producing Better Yield. At Kartavya Seeds, We Produce Seeds After Thorough Research With Regards To Flavour Profiles, Insect & Disease Resistance, Regional Flavour Preferences, Colour & Shelf Life.

This Catalogue Comprises of Varieties of Field Crop & Vegetable Crop Seeds That Standout by Delivering High Yield, Excellent Field Performance, Attractive Colour, Ideal Shape & Delicious Taste. We Perform Detailed Quality Inspection & Multi Location Trails at Our R&d Centre. We are Focused On Creating Cost Efficiency & Increasing Return on Investment For Farmers by Helping Them to Achieve More Yield Per Acre.





## STRENGTHS TO HARVEST SUCCESS

## Experience

We Have a Team of Experts Having Hands-on Experience in Research, Production & Processing of Seeds. Our Scientists are Abreast with Latest Technology & Our Farmers are Trained to Carefully & Technically Handle Seeds.

## Quality

Supplying Superior Quality Products & Continuously Working on Improving Product Quality is At the Heart of Our Ideology. We Combine Conventional Knowledge & New Technologies to Deliver Seeds that Help in Maximizing Agriculture Productivity.

## Infrastructure

Our Seeds are Produced in Fertile Production Plots Stretching Over a Sprawl of 100 Acres. We Have State of the Art Seeds Processing Facility Equipped with Advanced Machinery & a Research Lab to Boost Our Drive For Innovation.

## Sustainable Growth

With Human Population Growing at an Alarming Rate, Need of the Hour is to Find Ways to Feed Them in a Way that Doesn't Sabotage Nature's Balance. Hence We are Working on Producing Seeds that Give Off More Production Consuming Less Water & in Turn Saves Energy.

## Support

We Provide Complete Guidance to Farmers on Techniques Which Would Help Them Produce More Yields. It is Inherent Part Our Vision to Pioneer & Implement Programs Dedicated to Growth & Development of Farmers.





## HYBRID OKRA - F1 HYBRID

### CHAMPION

Plant Height : 5-6 Feet  
 1st Picking : 45-50 Days from Sowing  
 Fruit Color : Dark Green  
 Remarks : Profuse Branching  
 Tolerant to YVM Virus  
 Good Productivity  
 Fruits Having 8-10 cms Length with 5 Ridges  
 Medium Internodel Distance



### CLASSIC

Plant Height : 4-5 Feet  
 1st Picking : 40-45 Days from Sowing  
 Fruit Color : Dark Green  
 Remarks : Cut Leaf with Profuse Branching  
 High Tolerant to YVM Virus  
 Good Productivity  
 Fruits Having 8-10 cms Length with 5 ridges  
 Short Internodel Distance



### CHANDRA

Plant Height : 4-5 Feet  
 1st Picking : 40-43 Days from Sowing  
 Fruit Color : Dark Green, Attractive Shiny  
 Remarks : Cut Leaf with Profuse Branching  
 High Tolerant to YVM Virus  
 Good Productivity  
 Fruits Having 8-10 cms Length with 5 ridges  
 Short Internodel Distance



## BRINJAL - F1 HYBRID

### RAGHAV

1st Picking : 55-60 Days after TPL  
 Fruit Shape : Oval Round  
 Fruit Color : Reddish Purple  
 Fruit Weight : 65-70 gm Cluster Bearing



## BRINJAL - F1 HYBRID

### RADHA

1st Picking : 60-65 Days  
 Fruit Shape : Round  
 Fruit Color : Dark Purple  
 Fruit Weight : 150-250 gm  
 Remarks : High Yielding with Attractive Purple Shiny Fruit Color



### REVA

1st Picking : 60-65 Days after TP  
 Fruit Shape : Oval Round  
 Fruit Color : Dark Purple  
 Fruit Weight : 200-250 gm  
 Remarks : Attractive Purple Shiny Fruit Color



### RAJA

1st Picking : 60-65 Days after TP  
 Fruit Shape : Oblong  
 Fruit Color : Black  
 Fruit Weight : 160-400 gm  
 Remarks : Good Shining Fruit with Less Seeds



### ROCKY

1st Picking : 60-65 Days after TP  
 Fruit Shape : Round  
 Fruit Color : Black  
 Fruit Weight : 140-240 gm  
 Remarks : Good Shining Fruit





## BRINJAL - F1 HYBRID

### RAMYA

1st Picking : 60-65 Days after TP  
Fruit Shape : Medium Long  
Fruit Color : Black  
Fruit Weight : 100-120 gm  
Remarks : Cluster Bearing



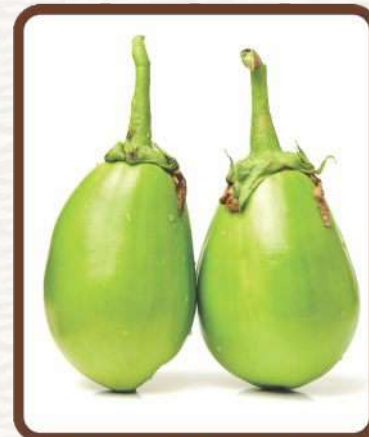
### REVATI

1st Picking : 60-65 Days after TP  
Fruit Shape : Medium Long Thin  
Fruit Color : Dark Pink  
Fruit Weight : 55-75 gm  
Remarks : Cluster Bearing with Bacterial Wilt Tolerant



### RESHMA

1st Picking : 65-70 Days after TP  
Fruit Shape : Oval Round  
Fruit Color : Light Green with Mild Strip  
Fruit Weight : 85-95 gm  
Remarks : Cluster Bearing



### RADHEY

1st Picking : 60-65 Days after TP  
Fruit Shape : Oval  
Fruit Color : Green with Cream Color Strip  
Fruit Weight : 100-110 gm  
Remarks : Cluster Bearing



## BRINJAL - F1 HYBRID

### BHARTA

1st Picking : 65-70 Days after TP  
Fruit Shape : Oblong  
Fruit Color : Green with White Strip  
Fruit Weight : 200-300 gm  
Remarks : Good for Bharta



### SPINY

1st Picking : 65-70 Days after TP  
Fruit Shape : Oval  
Fruit Color : Purple with Green & White Strip  
Fruit Weight : 60-70 gm  
Remarks : Thorny Hybrid, Good Shining Fruit



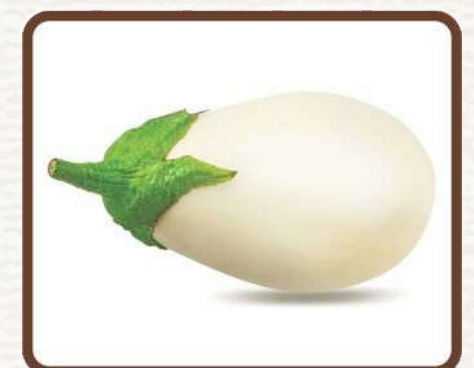
### SUNMICA

1st Picking : 60-65 Days after TP  
Fruit Shape : Oval Round  
Fruit Color : Greenish Purple with White Strip  
Fruit Weight : 60-80 gm  
Remarks : Non Thorny Hybrid



### WHITE BALL

1st Picking : 60-65 Days after TP  
Fruit Shape : Oval  
Fruit Color : White  
Fruit Weight : 80-100 gm  
Remarks : Good Shining on Fruit





## HOT PEPPER - F1 HYBRID

### BARSANA

Days of First Harvest	: 55 - 60 Days
Plant Type	: Medium Tall Spreading
Fruit Color	: Parrot Green
Fruit Length	: 16-18 cms
Fruit Diameter	: 1.8 cms
Pungency	: Medium Pungent
Disease Resistance	: Good Virus Resistance
Remarks	: Good for Fresh & Dry Purpose



### MAGIC

Days of First Harvest	: 55 - 60 Days
Plant Type	: Medium Tall Spreading
Fruit Color	: Green, Less Wrinkled
Fruit Length	: 14-16 cms
Fruit Diameter	: 1.8 cms
Pungency	: Medium Pungent
Disease Resistance	: Virus Tolerance
Remarks	: Good for Red Dry



### KARTAVYA - 03

Days of First Harvest	: 55 - 60 Days
Plant Type	: Erect
Fruit Color	: Green
Fruit Length	: 13-15 cms
Fruit Diameter	: 1.2 cms
Pungency	: Pungent
Disease Resistance	: Tolerant to Anthracnose
Remarks	: Thin Wrinkle Drying



### PADMA

Days of First Harvest	: 60 - 65 Days
Plant Type	: Healthy, Straight & Strong Plant
Fruit Color	: Fresh Green Color, Dry - Dark Red Color
Fruit Length	: 16-18 cms
Fruit Diameter	: 2 to 2.2 cms, Flattish Round
Pungency	: Medium Pungent
Disease Resistance	: Good Virus Tolerance
Remarks	: Suitable for Both Fresh & Red Dry Purpose, Dry Fruit are Curling



## HOT PEPPER - F1 HYBRID

### KARTAVYA - 23

Days of First Harvest	: 50 - 55 Days
Plant Type	: Spreading
Fruit Color	: Parrot Green
Fruit Length	: 14-16 cms
Fruit Diameter	: 1.2 to 1.3 cms
Pungency	: Medium
Disease Resistance	: Good Virus Resistance
Remarks	: Green Chilli Purpose, Good Heat Tolerance



### KARTAVYA - 409

Days of First Harvest	: 60-65 Days
Plant Type	: Semi Erect Type Plant
Fruit Color	: Shiny Deep Green
Fruit Length	: 8-9 cms
Fruit Diameter	: 1.1 to 1.3 cms
Pungency	: High Pungent
Disease Resistance	: Good Virus Resistance
Remarks	: High Yielding, Early Maturing, Good Fruit Shelf Life



### TAPAN

Days of First Harvest	: 55 - 60 Days
Plant Type	: Medium Tall Spreading
Fruit Color	: Green
Fruit Length	: 8-10 cms
Fruit Diameter	: 1.1 cms
Pungency	: High Pungent
Disease Resistance	: LCV & Heat
Remarks	: Good for Kharif & Summer & Dry Purpose



### KARTAVYA - 05

Days of First Harvest	: 60 Days after Transplanting
Plant Type	: Erect
Fruit Color	: Dark Green
Fruit Length	: 7-8 cms
Fruit Diameter	: 0.7 to 0.8 cms
Pungency	: High Pungent
Disease Resistance	: Good Virus Resistance
Remarks	: Fruits are Short Length & Attractive Green in Color





## HOT PEPPER - F1 HYBRID

### BLISS

Days of First Harvest	: 60 to 65 Days after Transplanting
Plant Type	: Erect Plant Type
Fruit Color	: Green Color
Fruit Length	: 6-7 cms
Fruit Diameter	: 1 cms / Single Upright
Pungency	: High Pungent (80000-82000 HSU)
Disease Resistance	: Good Virus & Sucking Pest Tolerance
Remarks	: Vigorous Strong Plant, Suitable in Autumn, & Winter Season, Heat Tolerance, Suitable Only for Green Purpose



### BLISS-2

Days of First Harvest	: 75 to 80 Days after Transplanting
Plant Type	: Plants are Small with Strong Stem & Short Internode
Fruit Color	: Fresh Green Color, Dry Red Color
Fruit Length	: 6-7 cms
Fruit Diameter	: 1.0 to 1.2 cms, Cluster Bearing
Pungency	: High Pungent (80000-82000 HSU)
Disease Resistance	: Good Virus & Sucking Pest Tolerance
Remarks	: Close Bearing, Highly Pungent, High Yielding Potential, Sowing in Autumn & Winter Season



### KARTAVYA - 101

Days of First Harvest	: 60-65 Days
Plant Type	: Spreading
Fruit Color	: Attractive Green
Fruit Length	: 15-17 cms
Fruit Diameter	: 2.5 cms
Pungency	: Low Pungent
Disease Resistance	: Good Tolerant to Viral Disease
Remarks	: Good for Fresh Green & Achar Purpose



### BULLET SUPER

Days of First Harvest	: 55 to 60 Days after Transplanting
Plant Type	: Bushy Plant with Vigorous Plant
Fruit Color	: Attractive Green Color
Fruit Length	: 5-7 cms
Fruit Diameter	: 2 to 2.5 cms, Smooth Surface
Pungency	: High Pungent (80000-90000 HSU)
Disease Resistance	: Good Virus Tolerance
Remarks	: Close Bearing, High Yield, Green Purpose



## HOT PEPPER - F1 HYBRID

### SHAKTI

Days of First Harvest	: 55 to 60 Days after Transplanting
Plant Type	: Erect Plant Type
Fruit Color	: Green Color
Fruit Length	: 5-7 cms
Fruit Diameter	: 2.0 to 2.5 cms, Rough Surface
Pungency	: High Pungent
Disease Resistance	: Good Virus Tolerance
Remarks	: Gundu Type, Green Purpose, Conical Shape, Rough Fruit Surface



## SWEET PEPPER - F1 HYBRID

### SULTAN

Plant Height	: 100 - 120 cms
1st Picking	: 55 - 60 Days after Transplanting
Fruit Weight	: 100 - 110 gm
Unripe Color	: Green
Ripe Color	: Red
Remarks	: Good for Long Transport



### SANDY

Plant	: Medium Tall, Bushy Plants Having Vigorous Growth, Dark Green Leaves, Dense Foliage Providing Fruit Shelter
1st Picking	: 50 - 55 Days after Transplanting
Fruit Weight	: Avg. 160 - 170 gm
Fruit Length & Diameter	: 10-12 cms Length, 10 cms Diameter
Fruit	: Fruit is Dark Green When Fesh & Red Color When Ripen, Thick Walled & Glossy
Remarks	: Longer Shelf Life, Ideal for Long Transportation, High Export Potential





## TOMATO - F1 HYBRID

### KARISHMA

Plant Type	: Semi Determinate
Days of 1st Harvest	: 65 Days after Transplanting
Fruit Shape	: Blocky
Fruit Weight	: 100 - 120 gm
Fruit Color / Skin	: Red with Thick Skin
Season	: Kharif and Rabi
Disease Resistance	: Tolerant to TLC Virus, Alternaria & Fusarium Wilt
Remarks	: It is an Excellent Hybrid, Which has Very Good Resistance for Viruses & Alternaria



### KESHAV

Plant Type	: Semi Determinate
Fruit Shape	: Blocky
Fruit Weight	: 100 - 120 gm
Fruit Color / Skin	: Red with Thick Skin
Season	: Rabi & Summer
Disease Resistance	: High Tolerant to TLCV & Bacterial Wilt
Remarks	: It is Very Good Hybrid for Summer Season & Best for Long Transportation



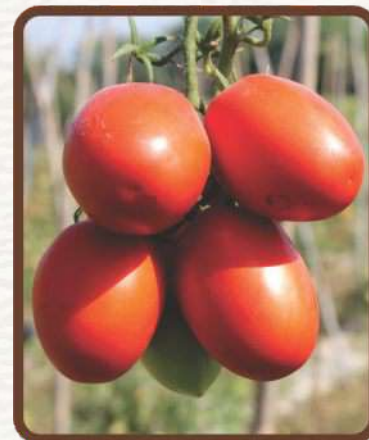
### KARTAVYA JUMBO

Plant Type	: Determinate
Fruit Shape	: Blocky
Fruit Weight	: 100 - 140 gm
Fruit Color / Skin	: Red
Season	: Round The Year
Disease Resistance	: Tolerant to TLCV & Bacterial Wilt
Remarks	: Good Skin, Very Firm Fruit



### KABUL

Plant Type	: Semi Determinate
Fruit Shape	: Blocky
Fruit Weight	: 100 - 130 gm
Fruit Color / Skin	: Attractive Red
Season	: Round The Year, Highly Suitable in Summer
Disease Resistance	: Tolerant to TLCV & Bacterial Wilt
Remarks	: Good Skin, Excellent Skin Quality, Very Firm Fruit



## TOMATO - F1 HYBRID

### KAMINI

Plant Type	: Semi Determinate
Days of 1st Harvest	: 65 Days after Transplanting
Fruit Shape	: Flat Round with Green Shoulder
Fruit Weight	: 100 - 120 gm
Fruit Color / Skin	: Red with Medium Skin Thickness
Season	: Kharif / Summer
Disease Resistance	: Tolerant to Bacterial Wilt & Virus Complex
Remarks	: It can be Grown Very Nicely in Bacterial Wilt Affected Area



### KEVAL

Plant Type	: Semi Determinate
Days of 1st Harvest	: 65 Days
Fruit Shape	: Round
Fruit Weight	: 110 - 120 gm
Fruit Color / Skin	: Red with Thick Skin
Season	: Kharif & Rabi
Disease Resistance	: Tolerant to Bacterial Wilt & Fusarium
Remarks	: Sour Taste & Goof for Planting in Kharif as well as Rabi Season



### KAILASH

Plant Type	: Determinate
Fruit Shape	: Flat Round
Fruit Weight	: 80 - 100 gm
Fruit Color / Skin	: Red
Season	: Kharif & Rabi
Disease Resistance	: High Tolerance to TLCV, Heat
Remarks	: Excellent Shelf Life & Good Firmness



## CABBAGE - F1 HYBRID

### AMBA-45

Days of Maturity	: 45 - 50 Days
Avg. Weight	: 0.8 - 1.0 kgs
Field Holding	: 7-8 Days
Capacity	
Disease Resistance	: Black Rot
Color	: Attractive Green
Remarks	: Very Firm & Uniform





## CABBAGE - F1 HYBRID

### MANSI-50

Days of Maturity	: 50 Days
Avg. Weight	: 0.8 - 1.0 kgs
Field Holding	: 15-20 Days
Capacity	
Disease Resistance	: Black Rot & Diamond Back Moth
Color	: Attractive Green
Remarks	: Very Firm Head, Good Field Holding Even Though Mature Early



### RUDRA-55

Days of Maturity	: 55 - 60 Days
Avg. Weight	: 0.8 - 1.1 kgs
Field Holding	: 15-20 Days
Capacity	
Disease Resistance	: Black Rot
Color	: Green
Remarks	: Heads are Compact with Short Core Length While Having Crisp Texture & Sweet Taste. A Leading Heat Tolerant Variety for Tropical & Sub-Tropical Areas as Excellent Heat



### SHAMBHU-60

Days of Maturity	: 60- 65 Days
Avg. Weight	: 0.8 - 1.2 kgs
Field Holding	: 15-20 Days
Capacity	
Disease Resistance	: Black Rot
Color	: Bluish Green Color
Remarks	: Very Firm & Coconut Shape Cabbage



### KARTAVYA-65

Days of Maturity	: 65 - 70 Days
Avg. Weight	: 1.2 - 1.5 kgs
Field Holding	: 25-28 Days
Capacity	
Disease Resistance	: Diamond Back Moth & Black Rot
Color	: Dark Green
Remarks	: Tolerant to Heat



## MUSK MELON - F1 HYBRID

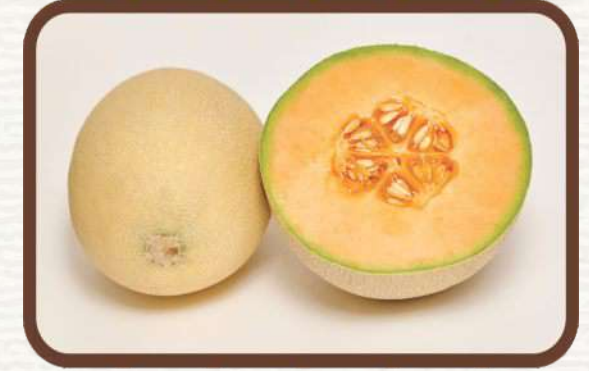
### CANDY

Days of Maturity	: 70 - 75 Days
Fruit Color / Skin	: Rind is Buff Yellow with Attractive Fine Nets
Flesh Color	: Flesh is Thick & Orange Color
Fruit Shape	: Globe Shaped
Fruit Weight	: 1.7 to 2.5 kg
Sweetness / Aroma	: 12-14% Sugar Content, Tender Juicy & Rich in Aroma
Remarks	: Tolerant to Fusarium Wilt, Good Transport Quality, Widely Adaptability



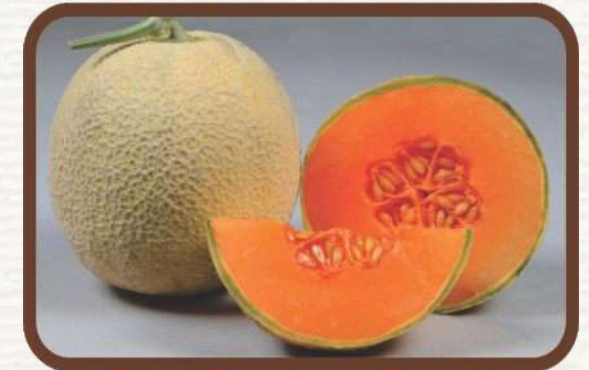
### MITTHI

Days of Maturity	: 70 - 75 Days
Fruit Color / Skin	: Dense Yellowish Netting
Flesh Color	: Attractive Orange Flesh
Fruit Shape	: Round
Fruit Weight	: 1.5 to 2.4 kg
Sweetness / Aroma	: Very Sweet with Aroma (12-13% TSS)
Remarks	: Aromatic Orange Flesh, Good Tolerance Against Fusarium Disease & Virus, Good Keeping Quality



### DESSERT

Days of Maturity	: 65 - 70 Days
Fruit Color / Skin	: Dense Yellowish Netting
Flesh Color	: Attractive Orange Flesh
Fruit Shape	: Oval
Fruit Weight	: 1.5 to 2 kg
Sweetness / Aroma	: Very Sweet with Aroma (13-14% TSS)
Remarks	: Highly Suitable in Summer Season, High TSS, Good Keeping Quality



### HONEY

Days of Maturity	: 70 - 80 Days
Fruit Color / Skin	: Smooth Green Netting with Orange Flesh
Flesh Color	: Orange Flesh
Fruit Shape	: Round
Fruit Weight	: 1 to 2 kg
Sweetness / Aroma	: Very Sweet with Aroma
Remarks	: Tolerant to Fusarium Wilt, Good Transport Quality





## MUSK MELON - F1 HYBRID

### LALI

Days of Maturity	: 75 - 80 Days after Sowing
Fruit Color / Skin	: Smooth Yellow Netting with Light Green Skin
Flesh Color	: Light Green Flesh
Fruit Shape	: Round
Fruit Weight	: 1 to 1.5 kg
Sweetness / Aroma	: Very Sweet
Remarks	: Tolerant to Fusarium Wilt, Good Transport Quality



### SHAMBHU

Days of Maturity	: 55 - 60 Days
Fruit Color / Skin	: Extremely Attractive Strip with Mild Net
Flesh Color	: Orange Flesh Color & Aroma
Fruit Shape	: Round with Medium Cavity
Fruit Weight	: 1 to 1.25 kg
Sweetness / Aroma	: Very Sweet with Aroma
Remarks	: Sturdy, Healthy & Dense Plant with Excellent Bearing Habit



## WATER MELON - F1 HYBRID

### TANSEN

Days of Maturity	: 65 - 70 Days after Sowing
Fruit Color	: Black
Flesh Color	: Dark Red
Sweetness	: Very Sweet
Avg. Fruit Weight	: 4 to 5 kg
Fruit Shape	: Oblong
Remarks	: Good for Long Transportation



### TANSEN GOLD

Days of Maturity	: 65 - 70 Days after Sowing
Fruit Color	: Black
Flesh Color	: Dark Red
Sweetness	: Very Sweet (TSS 13%)
Avg. Fruit Weight	: 4 to 5 kg
Fruit Shape	: Oblong
Remarks	: Good for Long Transportation, Small Seed



## WATER MELON - F1 HYBRID

### KARTAVYA VIJAY

Days of Maturity	: 60 - 65 Days after Sowing
Fruit Color	: Dark Black Color
Flesh Color	: Dark Red Flesh
Sweetness	: Very Sweet (TSS 13.5%)
Avg. Fruit Weight	: 4 to 5 kg
Fruit Shape	: Oblong
Remarks	: Good for Long Transportation, Good Disease Resistance



### KARTAVYA-332

Days of Maturity	: 60 - 65 Days after Sowing
Fruit Color	: Bluish Black with Highly Faded Strips
Flesh Color	: Deep Crimson
Sweetness	: Very Sweet (TSS - 12 to 13%)
Avg. Fruit Weight	: 3 to 4.5 kg
Fruit Shape	: Cylindrical
Remarks	: High Yielding, Very Good Transport & Keeping Quality



### KARTAVYA-SUPER

Days of Maturity	: 75 - 80 Days after Sowing
Fruit Color	: Light Green with Dark Green Strip
Flesh Color	: Deep Red Pulp (Flesh)
Sweetness	: Very Sweet (TSS - 12 to 12.5%)
Avg. Fruit Weight	: 8 to 10 kg
Fruit Shape	: Extremely Attractive Jubilee Elliptical (Oval Shape)
Remarks	: Sturdy, Healthy & Dense Plant, Tolerant to Abiotic Stress, Small Dark Brown Seed



### BLACK KING

Days of Maturity	: 85 - 90 Days after Sowing
Fruit Color	: Blackish Green
Flesh Color	: Deep Red Crispy Flesh
Sweetness	: Very Sweet (TSS - 12 to 12.5%)
Avg. Fruit Weight	: 7 to 10 kg
Fruit Shape	: Sugar Baby Type / Round Black
Remarks	: Uniform Fruit Size, Very Good Adaptability, Good for Long Distance





## WATER MELON - F1 HYBRID

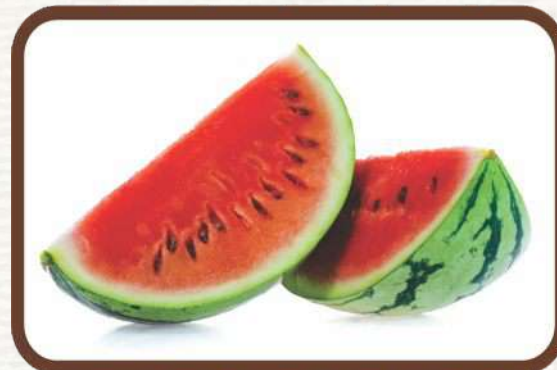
### TOPAZ

Days of Maturity	: 85 - 90 Days
Fruit Color	: Light Green with Dark Green Strip
Flesh Color	: Dark Red
Sweetness	: Very Sweet
Avg. Fruit Weight	: 10 to 12 kg
Fruit Shape	: Oblong
Remarks	: Good for Long Transportation



### TOPAZ PLUS

Days of Maturity	: 75 - 80 Days
Fruit Color	: Light Green with Dark Green Strip
Flesh Color	: Dark Red
Sweetness	: Very Sweet
Avg. Fruit Weight	: 9 to 11 kg
Fruit Shape	: Oblong
Remarks	: Early Variety & Good for Long Transportation



## BITTER GOURD - F1 HYBRID

### MASTI

1st Picking	: 55 - 60 Days after Sowing
Fruit Color	: Dark Green
Fruit Shape	: Medium Thick with Pointed Spines
Fruit Length	: 20-24 cms
Remarks	: Dark Green Shining Spines & Yielding Hybrid



### BALI

1st Picking	: 50 - 55 Days after Sowing
Fruit Color	: Attractive Dark Green
Fruit Shape	: Long Spindle
Fruit Length	: 20-25 cms, 50-60 gm Weight
Remarks	: Long Dark Green, Very Strong Vigour, Nice Shape, Semi Spined, Extremely High Yielding



## BITTER GOURD - F1 HYBRID

### MAHI

1st Picking	: 60 Days after Sowing
Fruit Color	: Medium Dark Green, Attractive Color
Fruit Shape	: Medium Length Spiny
Fruit Length	: 16-18 cms
Remarks	: Fruits of This Hybrid are Medium Dark Green, Straight Long with Thick Spines. Very High Yielding & Vigorous Growing Plant



### KARTAVYA - 1520

1st Picking	: 50 - 55 Days after Sowing
Fruit Color	: Dark Green Fruits have Continuous Blunt Ridge
Fruit Shape	: Spindle Shaped Fruits
Fruit Length	: 15-17 cms, 3.8 to 4.5 cms Diameter
Remarks	: Very Good Vine Vigour with Strong Stem Girth, Intermediate Resistance to PM & DM, Good Keeping Quality & Transportation



### CHHOTTU

1st Picking	: 50 - 55 Days after Sowing
Fruit Color	: Attractive Shining Green
Fruit Shape	: Short Spiny
Fruit Length	: 12-14 cms
Remarks	: Very Short Length, (Chu-Chu Type) Spiny & Vigorous Growing Hybrid





## RIDGE GOURD - F1 HYBRID

### MOHINI

1st Picking : 50-55 Days from Sowing  
 Fruit Length : 40-45 cms  
 Season : Round the Year  
 Remarks : Vigorous Vne Growth, Attractive Strong Ridges  
 Short Internodes & Highly Productive



### MALLIKA

1st Picking : 50-55 Days from Sowing  
 Fruit Length & Color : 30-35 cm, Long Dark Green Color Fruit  
 Avg. Fruit Weight : 135-165 cms  
 Remarks : Medium Long Thin



## SPONGE GOURD - F1 HYBRID

### DAMINI

1st Picking : 50-55 Days from Sowing  
 Fruit Color : Green  
 Fruit Length : 25-30 csm  
 Season : Round The Year  
 Remarks : Good Yielding Vigorous Hybrid with 20-25  
 Green Fruits Per Plant Vine



### DIVYA

1st Picking : 50-55 Days from Sowing  
 Fruit Color : Light Green  
 Fruit Length : 25-30 csm, 125-150 gm  
 & Weight  
 Remarks : White Seeds Hybrid, Very High Fruit Set



## BOTTLE GOURD - F1 HYBRID

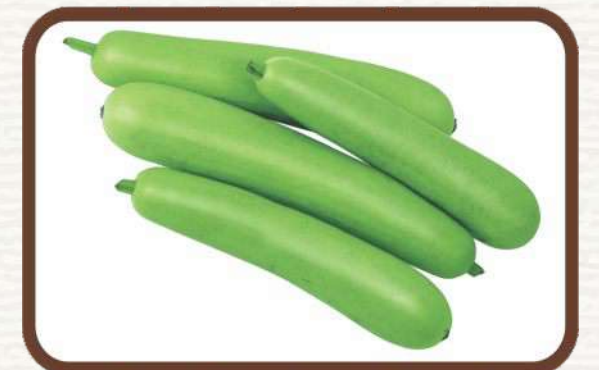
### NISHA

Fruit Length : 1 to 1.5 ft  
 Days of Maturity : 60 Days from Sowing  
 Fruit Shape : Cylindrical  
 Fruit Color : Light Green  
 Remarks : It is Very Vigorous Growing & High Yielding  
 Hybrid, Having Light Green Color



### NAGMA

Fruit Length : 1.5 to 2 ft  
 Days of Maturity : 75 Days from Sowing  
 Fruit Shape : Cylindrical to Bottle Shaped  
 Fruit Color : Light Green  
 Remarks : It is Very Vigorous Growing & High Yielding  
 Hybrid, Having Light Green Color



### ANU

Fruit Length : 30 to 35 cms  
 Days of Maturity : 50 55 Days after Sowing  
 Fruit Shape : Cylindrical  
 Fruit Color : Attractive Green Color  
 Remarks : It is Very Vigorous with High Number of Fruits



### BOSS

Days to 1st Picking : 55 - 60 Days after Sowing  
 Fruit Color : Glossy Green  
 Fruit Shape : Flattish Round  
 Fruit Weight : 500-600 gm  
 Remarks : Vigorous Plant with High Fruit Shape





## BOTTLE GOURD - F1 HYBRID

### PEAR

Days to 1st Picking	: 55 - 60 Days after Sowing
Fruit Color	: Green
Fruit Shape	: Pear Shape
Fruit Weight	: 750-800 gm
Remarks	: Attractive Green Color



## TINDA - F1 HYBRID

### BEAD

Days to 1st Picking	: 40 -45 Days after Sowing
Fruit Color	: Green
Fruit Shape	: Medium Size Round
Fruit Weight	: 80-100 gm
Remarks	: Attractive Green Color Hairy Fruits



## PUMPKIN - F1 HYBRID

### MOTTU

Days of Maturity	: 85 - 90 Days
Fruit Shape	: Flat Round
Fruit Color	: Green with White Dots
Fruit Weight	: 3 - 4 kg
Remarks	: Excellent Yield



## PUMPKIN - F1 HYBRID

### KARTAVYA 760

Days of Maturity	: 90 - 95 Days
Fruit Shape	: Elongated with Cream Spot
Fruit Color	: Blackish Green
Fruit Weight	: 2 - 3 kg
Remarks	: Good For Long Distance Transport, Good Yields



### KARTAVYA 770

Days of Maturity	: 85 - 90 Days
Fruit Shape	: Flattish Round
Fruit Color	: Dark Green at Immature Stage & Yellowish Orange after Full Maturity
Fruit Weight	: 4 - 5 kg
Remarks	: Extremely Higher Yield, Excellent in Taste



### KARTAVYA 780

Days of Maturity	: 90 - 100 Days
Fruit Shape	: Semi Flat Round
Fruit Color	: Blackish Green
Fruit Weight	: 5.5 to 6 kg
Remarks	: It is Vigorous Growing, High Yielding Early Maturing Hybrid with Yellowish Flesh



## CUCUMBER

### KSCU-01

Days of 1st Picking	: 30 - 35 Days
Fruit Color	: Dark Green
Fruit Weight	: 150-160 gm
Fruit Length	: 15-16 cms
Fruit Shape	: Uniform Cylindrical Parthanocarpic





## CUCUMBER

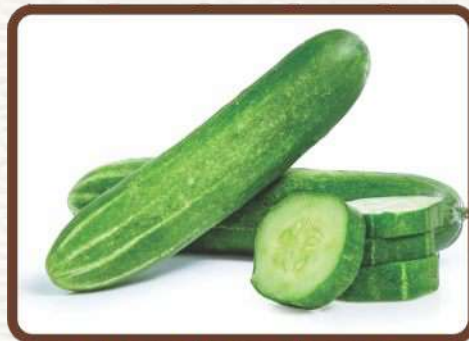
### KSCU-11 (Varda)

Days of 1st Picking	: 35 - 40 Days
Fruit Color	: Green Bicolor
Fruit Weight	: 150-180 gm
Fruit Length	: 15-18 cms
Fruit Shape	: Uniform Cylindrical



### KSCU-12

Days of 1st Picking	: 35 - 40 Days
Fruit Color	: Dark Green
Fruit Weight	: 160-180 gm
Fruit Length	: 18-20 cms
Fruit Shape	: Uniform Cylindrical Shiny Fruit



### BUNCH

Days of 1st Picking	: 32 - 34 Days
Fruit Color	: Dark Green with Small Leaves
Fruit Weight	: 100-120 gm
Fruit Length	: 12-15 cms
Fruit Shape	: Uniform Cylindrical Shiny Fruit
Remarks	: Open Type Plant, Optimum Vigour, Healthy Plant, Cluster Bearing Habit with 3-4 Fruits Good Regeneration Capacity with Good Endurance



### MADHUR

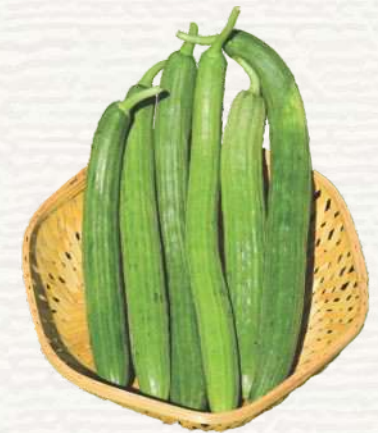
Days of 1st Picking	: 38 - 40 Days
Fruit Color	: Green with Light Yellow Strip
Fruit Weight	: 250-300 gm
Fruit Length	: 22-25 cms
Fruit Shape	: Elongated Medium Long
Remarks	: Soft Skin, Attractive & Very Tasty Fruits



## CUCUMBER

### KOMAL

Days of 1st Picking	: 42 - 44 Days
Fruit Color	: Attractive Dark Green
Fruit Weight	: 250-280 gm
Fruit Length	: 30-35 cms
Fruit Shape	: Elongated Medium Long
Remarks	: Uniform Attractive Fruit, Good Taste



## RADISH

### HERON WHITE HYBRID

Days of Maturity	: 35 - 40 Days
Types of Leaves	: Palak Patta Type
Root Shape	: Cylindrical
Root Length	: 18-20 cms
Root Color	: Attractive White



### CHETKI IMPROVED

Days of Maturity	: 40 - 45 Days
Types of Leaves	: Chetki Type
Root Shape	: Cylindrical
Root Length	: 40-45 cms
Root Color	: Shining White



### WHITE FEATHER

Days of Maturity	: 40 - 45 Days
Types of Leaves	: Palak Patta Type
Root Shape	: Cylindrical (Slight Pungent)
Root Length	: 25-30 cms
Root Color	: White





## CARROT

### RED KONE

Days of Maturity : 70 - 75 Days  
 Fruit Color : Attractive Red  
 Fruit Length : 25-30 cms  
 Fruit Shape : Roots are Sleek, Tender & Tapering  
 Remarks : Red Core, Very Sweet Taste, Suitable for Long Distances



## IMPROVED BEET ROOT

### KARTAVYA QUEEN

Days of Maturity : 50 - 55 Days  
 Fruit Weight : 100-150 gm  
 Fruit Color : Deep Red  
 Remarks : Good Standing Ability in Field after Maturity



## RESEARCH SPINACH

### LEAFY

Days of Maturity : 35 - 40 Days  
 Growing Habit : Vigorous Growing  
 Leaves : Broad Leaves  
 No. of Cutting : 2-3 Cutting



## SPINACH - F1 HYBRID

### LEAFY EXTRA

Days of Maturity : 35 Days  
 Growing Habit : Very Vigorous & Erect with More Number of Leaves  
 Leaves : Broad & Attractive Green Leaves  
 No. of Cutting : 2-3 Cutting  
 Bolting : Slow  
 Remarks : Widely Adopted



## IMPORTED CORIANDER

### KHUSHBU

Days of Maturity : 50 Days  
 Season : Kharif / Rabi & Mid Summer  
 Remarks : Broad Leaves, Good Aroma, Tolerant to Bolting



## CLUSTER BEANS

### KARTAVYA-216

1st Picking : 40 - 45 Days  
 Fruit Color : Attractive Green  
 Fruit Length : 10-12 cms  
 Remarks : Erect & Single Stem Plant with Fruiting in Cluster





## COW PEA

### KARTAVYA-110

Plant Type	: Dwarf & Bushy
1st Picking	: 35 - 40 Days First Picking Starts
Pod	: Dark Gree, Medium Long & Soft Pod
Pod Length	: 13-17 cms Long
Remarks	: High Yielding, Tolerance to Disease



### KARTAVYA-111

Plant Type	: Strong, Semi Viny Growth with Dense Foliage & Big leaves
1st Picking	: 50 - 55 Days First Picking Starts
Pod	: 2-3 pods Per Inflorescences, Cylindrical Medium Long & Shiny Light Green in Color
Pod Length	: 20-22 cms Long
Remarks	: High Yield Potential



## FRENCH BEAN

### SILKY

Plant Type	: Strong & Bushy
1st Picking	: 40 - 45 Days
Shelf Life	: 7-8 Days
Pod Color	: Bright Dark Green
Pod Type	: Attractive Slender Smooth Pod
Pod Length	: 13-15 cms
Remarks	: Dark Green Pod Color & Suitable for Long Distance



## PEAS

### EAGLE

Plant Type	: Semi Spreading
1st Picking	: 60 - 65 Days
Pod Length	: 8-10 cms with Grains
Pod Color	: Dark Green Pod in Bunching



## ONION

### KARTAVYA N53

Days of Maturity	: 90 - 100 Days after TP
Bulb Shape	: Flat Oval Shape
Bulb Color	: Medium Red
Bulb Weight	: 90 - 100 gm
Season	: Kharif & Rabi Season
Remarks	: Good Yielding Variety



### SHIVA

Days of Maturity	: 95 - 100 Days after TP
Bulb Shape	: Round
Bulb Color	: Red
Bulb Weight	: 100 - 110 gm
Season	: Kharif
Remarks	: Good Big Size, Very Attractive Color, Very Firm for Fresh



### PINKY

Days of Maturity	: 90 - 100 Days after TP
Bulb Shape	: Flat Globe
Bulb Color	: Pink
Bulb Weight	: 100 - 110 gm
Season	: Kharif & Rabi Season
Remarks	: After Harvest Skin Becomes Dry Immediately, Fresh Market



## SWEET CORN

### GOLDY

Plant Height	: 180 - 200 cms
Days of Maturity	: 70 - 75 Days
Cob Length	: 22-25 cms
Remarks	: Attractive Yellow Color Cob





## RESEARCH HYBRID COTTON

### MODIJI BG II

Suitable for Rainfed & Irrigated Conditions  
Big Ball ( 6 - 6.25 gm) with Chain Bearing  
Highest Production in Least Time ( 135 - 140 Days)  
Early Hybrid : Escape PBW Infestation  
Tolerant to Sucking Pest  
Easy Picking



## RESEARCH HYBRID COTTON

### KARTAVYA 2 IN 1 BG II

Vigorous Plant with 1 - 3 Monopodia  
Good Monopodia Length ( i.e. Parallel to Main Shoot )  
Widely Adopted Rough & Tough Hybrid  
Suitable for Irrigated & Non-irrigated Soil  
Hairy Leaves Make it Highly Tolerant to Sucking Pest  
Medium Big Size Balls ( 5.5 - 6 gm )  
Easy Picking



## RESEARCH HYBRID COTTON

### GALAXY BGII

Sturdy Vigorous Plant with 1-3 Monopodia  
Big Ball ( 6.5 to 7 gm )  
Suitable for Rainfed & Irrigated Condition  
Very Easy Picking  
Very High Yielding



## RESEARCH HYBRID BAJRA

### KARTAVYA - 811

Matures in 75 - 80 Days  
Long & Compact Earhead  
8 - 10 Tillering, Tall Plant with Increased Lodging Tolerance  
Excellent Fodder & Grain Yield  
Suitable for Kharif & Summer Seasons  
Tolerant to Downy Mildew, Rust & Smut



## RESEARCH HYBRID BAJRA

### KARTAVYA - 812

It Takes 75 - 80 Days to Maturity  
Height of Plant 6 - 7 Feet  
Long & Compact Earhead  
High Yielding & Delicious Taste  
Produce Good Quality of Green Fodder  
Tolerant to Down Mildew Disease  
Dual Purpose Hybrid Grain As Well As Fodder  
Suitable for Both Seasons



## RESEARCH HYBRID MAIZE

### KARTAVYA - 2212

High Yielding Hybrid of Kharif & Rabi Seasons  
Unique Plant Structure that Makes it to Respond Higher Populations  
Big Cobs & Highest Shelling Percentage ( 83 - 85% )  
Semi Dent Grain with Excellent Tip Filling, Orange & Shiny Seeds  
Widely Adopted for All Maize Growing Area  
Well Suited for Fodder





## RESEARCH HYBRID MAIZE

### KARTAVYA - 525

Mature in 90 - 100 Days in Kharif & 115 - 120 Days in Rabi  
Tolerant to Drought Condition & Diseases  
Semi Dent Yellow Orange Colored Grain  
Widely Adopted Hybrid ( i.e. Suitable for All Maize Growing Area )  
Suitable for Low Management Conditions  
Kartavya Research Hybrid Maize



## RESEARCH HYBRID MAIZE

### KARTAVYA - 757

Matures in 100 - 105 Days in Kharif & 120 - 125 Days in Rabi Season  
Average Heighted Hybrid Plant Having Long Broad Leaves  
There are 14 -16 Rows / Cob & 40- 45 Grains in Each Row  
Cobs of This Hybrid are Longest, Attractive & Grow at Equal Height  
A High Yielding White Hybrid  
Semi Dent-shining White Granis  
Excellent for Roti Making



## HYBRID MULTI CUT FORAGE WITH HIGH NUTRIENTS

### MILKY

More Number of Cut ( i.e. 5 - 7 Fodder Available at All Time )  
More Palatable & Digestible Hence Animals Like to Eat A Lot  
More Protein ( 15 - 17% ) & Other Nutrients  
Increase Milk Production & Milk Fat Percentage



## HYBRID MULTI CUT FORAGE WITH HIGH SUGAR & NUTRIENTS

### SWEETY

More Sweetness, Soft & Juicy Stem Fodder  
More Height So More Green Fodder  
First Cutting in 65 - 70 Days & Second in 50 - 55 Days  
More Sweet ( 16 - 18% ) & More Protein Percentage  
Due to Its Sweetness, Palatability & Softness Animals Like to Eat A Lot & Produce More Milk  
Increases Fat Percentage of Milk  
Very High Yielding Variety with Quality Fodder



## RESEARCH SESAMUM

### KARTAVYA - 21

Plant Habit : Nranched Plants  
Plant Height : 90-95 cm  
Suitable for Monsoon, Semi-Rabi & Summer Cultivation  
Capsule Setting from Base of the Plants At Close Interval  
Milky White Flower at Opening Stage with Dark Green Foliage  
Milky White Medium Bold Seeds  
Oil Content : 50 to 51 %  
High Yield Potential Variety, Hence it Requires Intensive Care for the Nutrient & Better Agronomical Practices



## RESEARCH SESAMUM

### KARTAVYA - 22

Plant Habit : Single Branched  
Plant Height : 90-95 cm  
Suitable for Monsoon & Summer Cultivation  
Capsule Setting from Base of the Plants At Close Interval with Circular 6 Capsule  
Pearl White Bold Seeds  
Oil Content : 50 to 51 %  
High Yield Potential Variety, Hence it Requires Intensive Care for the Nutrient & Better Agronomical Practices





## RESEARCH GREEN GRAM

### KARTAVYA - 41

Plant Height : 60-65 cms  
 Day to Flowering : 35- 40 Days  
 Maturity Days : 70-80 Days  
 Plant Growth Habit : Semi Spreading  
 Pod Length : Long 8-10 cms with 14-16 Grains Per Pod  
 Seed Color : Shining Green with Glossy Bold Grains  
 Remarks : Resistant Against Yellow Mozaic Virus Disease, Bold Grain  
 Size with High Yielding, Suitable in Kharif & Summer Season



## RESEARCH GREEN GRAM

### KARTAVYA - 45

Plant Height : 55 - 60 cms  
 Day to Flowering : 35 - 40 Days  
 Maturity Days : 65 - 70 Days  
 Plant Growth Habit : Semi Erect  
 Pod Length : Long 8-10 cms with 12-13 Grains Per Pod  
 Seed Color : Shining Green with Glossy Bold Grains  
 Remarks : Resistant Against Yellow Mozaic Virus Disease, Bold Grain  
 Size with High Yielding, More Suitable for Summer Only



## RESEARCH BLACK GRAM

### KARTAVYA - 07

Plant Height : Medium (45 - 60 cms)  
 Day to Flowering : Early 35 - 40 Days  
 Maturity Days : 65 - 70 Days  
 Plant Growth Habit : Determinate  
 Pod Length : Long 5-6 cms with 6-8 Grains Per Pod  
 Seed Color : Drum Shaped, Bold, Blackish Shiny Seeds  
 Remarks : Semi Spreading Type, Smooth Poded High Yielding Variety



## RESEARCH BLACK GRAM

### KARTAVYA - 75

Plant Height : Medium (45 - 60 cms)  
 Day to Flowering : Early 35 - 40 Days  
 Maturity Days : 65 - 70 Days  
 Plant Growth Habit : Erect Growth Habit  
 Pod Length : Long 5-6 cms with 6-8 Grains Per Pod  
 Seed Color : Drum Shaped, Dull Blackish Bold Seeds  
 Remarks : Erect Type, High Yielding Early Variety



## RESEARCH CUMIN

### KARTAVYA SUPERB

Mature in 100 - 110 Days  
 Good Height with More Branches / Plant  
 Dark Green Plant with Spreading Type Plant  
 3-5 Primary Branches / Plant with Very Good Plant Height  
 Very Bold & Attractive Seeds  
 Highly Resistant to Wilt Disease  
 Very High Yielding Variety



## RESEARCH CUMIN

### KARTAVYA - 5

Mature in 100 - 110 Days  
 Good Height with More Branches / Plant  
 Dark Green Plant  
 Flower and Grains Comes in 3 Sequences  
 4-6 Primary Branches / Plant with Very Good Plant Height  
 Spreading Plant Type, Hence Very Low Seed Rate Required, i.e 3-4 kg / acre  
 Very Bold & Attractive Seeds  
 Highly Resistant to Wilt Disease  
 Very High Yielding Variety





## RESEARCH CORIANDER

### KARTAVYA SUVARNA

Mature in 105-110 Days  
Open and More Branches Per Plant  
Big Size, Yellow Color Bolded Seeds  
Yielded : 8-10 qtl / Acre  
Grain Purpose Variety  
Diseases Tolerant Variety



## RESEARCH CORIANDER

### KARTAVYA SUVARNA GOLD

Mature in 105-110 Days  
Open and More Sub Branches Per Plant  
Uniform, Oblong Size Seeds, Yellow Color Seeds, More Market Price  
Yielded : 7-9 qtl / Acre  
Grain Purpose Variety  
Diseases Tolerant Variety



## RESEARCH GRAM

### KARTAVYA UMANG

Suitable for Rainfed and Irrigated Area  
Maturity Days : 95 - 100 Days  
Plant Height : 35 - 40 cms  
Plant Type : Semi Erect  
Pod Size : Large, 2-3 Seeds Per Pod  
Seed Size, Shape & Color : Large, Owls Head, Yellow Color  
Remark : Bold Seeds, Attractive Yellow Color High Yielding Variety,  
Moderately Wilt and Stunt Disease Resistance



## RESEARCH GRAM

### KARTAVYA UMANG - 5

Suitable for Irrigated Area  
Maturity Days : 100 - 105 Days  
Plant Height : 45 - 50 cms  
Plant Type : Semi Erect  
Pod Size : Medium, 1-2 Seeds Per Pod  
Seed Size, Shape & Color : Medium, Angular, Brown Color Seed  
Remark : Moderately Wilt, Stunt, Root, Blight Resistant, Medium Size  
High Yielding Variety



## RESEARCH WHEAT

### KARTAVYA - 301

Semi Erect Growth Habit  
Semi Dwarf Variety Type ( 90 - 100 cms )  
More Tillers Per Plant ( 9 - 12 / plant )  
Spike Length is > 12 cms, Which Contains 22 - 24 Spikelets  
Each Spike Contains 68 - 70 Seeds  
Grain is Amber in Color, Hard in Texture, Ovate in Shape & Bold in Size  
This Variety is Good for Roti Making  
Protein Content : 11.5 - 12.5 gm  
Resistant to Stem Rust



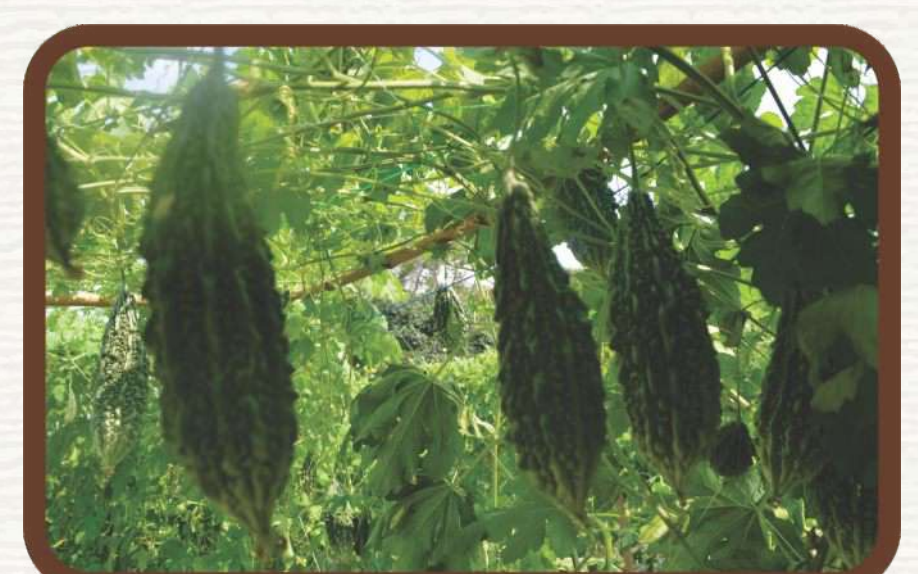
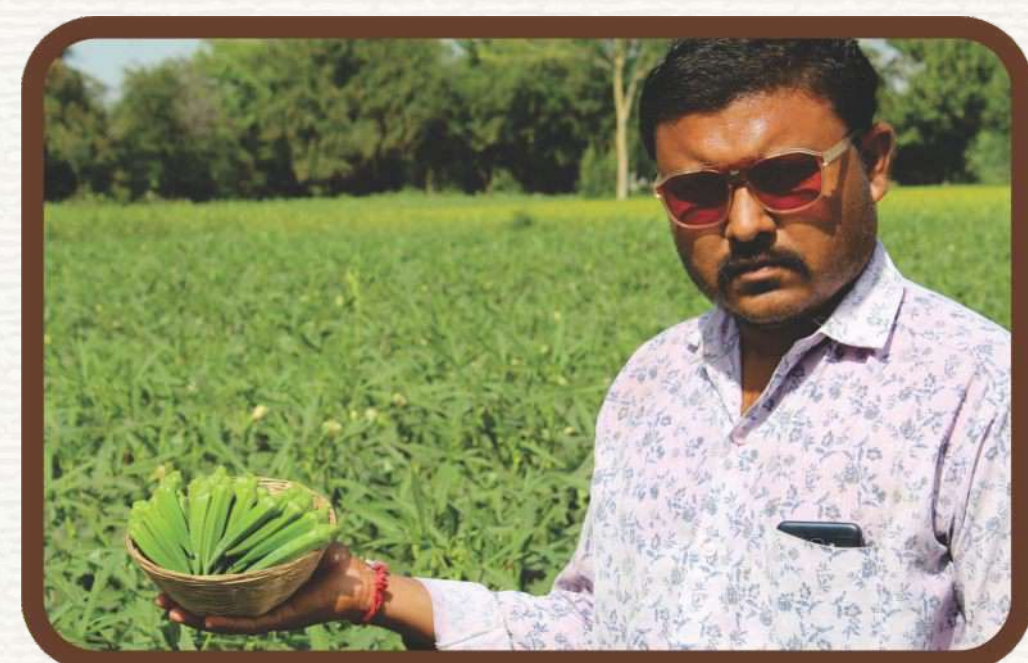
## RESEARCH WHEAT

### KARTAVYA - 302

Attractive Compact Plant Type with Good Tillers  
It is Dwarf Type ( i.e. 67 - 82 cms )  
Medium Maturity Variety ( i.e. 100 - 105 Days )  
Medium Size Spike Length  
Grain is Amber in Color, Hard in Texture, Ovate Shape Fetch High Market  
Its High Yielding Variety with Short Time  
This Variety is Good for Roti Making  
In This Variety Higher Protein, Iron & Zinc Content









## WHY KARTAVYA SEEDS ?

- Genetically Pure Seeds
- Produces More Yield
- Safe & Disease Free Crop
- Pest & Disease Resistant
- Environmentally Tolerant Crop
- Robust Plant with Continuous Flowering
- Suitable for All Soil Types
- Prompt After Sales Services



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