

A **TATA** Product



# VEGETABLES for health



	Bitter Gourd		Chilli
Okra		Bottle Gourd	
	Tomato		Ridge Gourd
Cauliflower		Sponge Gourd	
	Cucumber		Cabbage
Watermelon		Sweet Corn	
	Radish		Pumpkin





# I N D E X

## Okra

1. Jaya
2. Senora
3. MO 203
4. MO 201
5. MO 205
6. Purna
7. Nazuk

## Bitter Gourd

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2. Madhul Gold
3. Bishakha
4. Indali
5. Raman
6. Bujji

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2. Mahabali
3. Dhara
4. Ketaki
5. Srivalli

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4. Guna
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7. MH 1101
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10. MH1203
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12. MH2301
13. MH3101
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## Cauliflower

1. White Heart
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1. Green Ball
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## Cucumber

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## Watermelon

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## Sweet Corn

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1. Mahadev
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## Radish

1. MRH 111

## Green Peas

1. Green Pearl



## OKRA: Jaya

- Plant growth habit : Tall plant
- Fruit length & colour : Long, dark green
- Inter nodal distance : Medium
- Fruit weight : 13-14 gm
- Disease tolerance : Tolerant to YVMV & ELCV
- Special characters : Good for rainy & summer sowing, tender fruit with less fiber, less hairy fruit, good for transport.



## OKRA: Senora

- Plant growth habit : Medium tall plant
- Fruit length & colour : Long, dark green
- Inter nodal distance : Medium
- Fruit weight : 13-14 gm
- Disease tolerance : Tolerant to YVMV & ELCV
- Special characters : Good for rainy & summer sowing, tender fruit with less fiber, tapering towards less hairy fruit, good for transport. cut leaves.



## OKRA: MO203

- Plant growth habit : Medium tall plant
- Fruit Length & Colour : Long, dark green
- Inter nodal Distance : Medium
- Fruit Weight : 12-14 gm
- Disease Tolerance : Good tolerance to YVMV
- Special Characters : Good for rainy & summer sowing, tender fruit with less fiber, less hairy fruit, good for transport.



**OKRA:**

**MO201**

- Plant growth habit : Tall plant
- Fruit length & colour : Long, dark green
- Inter nodal distance : Medium
- Fruit weight : 12-14 gm
- Disease tolerance : Good tolerance to YVMV
- Special characters : Tender fruit with less fiber, less hairy fruit, good for transport.



**OKRA:**

**MO205**

- Plant growth habit : Medium tall plant
- Fruit Length & Colour : Long, dark green
- Inter nodal distance : Medium
- Fruit weight : 13-14 gm
- Disease tolerance : Tolerant to YVMV & ELCV
- Special characters : Good for rainy & summer sowing, tender fruit with less fiber, less hairy fruit, good for transport.



**OKRA:**

**Purna**

- Plant growth habit : Short plant height
- Fruit length & colour : Long, dark green
- Inter nodal distance : Short
- Fruit weight : 12-14 gm
- Disease tolerance : Good tolerance to YVMV
- Special characters : Tender fruit with less fiber, less hairy fruit, good for transport.



**OKRA:****Nazuk**

- Plant growth habit : Medium tall plant
- Fruit length & colour : Long green
- Inter nodal distance : Medium
- Fruit weight : 13-14 gm
- Disease tolerance : Good tolerance to YVMV
- Special characters : Tender fruit with less fiber, less hairy fruit, good for transport.

**Bitter Gourd: Madhul**

- Duration of 1st picking : 50 - 55 days
- Fruit shape : Spindle
- Fruit colour : Green
- Toothing : Good
- Av. fruit length : 14 - 16 cm
- Av. fruit weight : 100 - 115 gm
- Special characters : Vigorous vines with high yield, suitable for summer & rainy season.





### Bitter Gourd: Madhul Gold

- Duration of 1st picking : 50-60 days
- Fruit shape : Spindle
- Fruit colour : Attractive green
- Toothing : Medium
- Av. fruit length : 16 - 18 cm
- Av. fruit weight : 120 - 130 gm
- Special characters : Vigorous vines with high yield, suitable for summer & rainy season, very good tolerance against powdery mildew, crop longevity is more.



### Bitter Gourd: Bishaka

- Duration of 1st picking : 40 - 45 days
- Fruit shape : Spindle
- Fruit colour : Green
- Toothing : Semi spined to smooth
- Av. fruit length : 10 - 12 cm
- Av. fruit weight : 50 - 60 gm
- Special characters : Vigorous vines with high yield, suitable for summer & rainy season, excellent shelf life, very good transportability.





### Bitter Gourd: Indali

- Fruit colour : Dark green
- Fruit size : 6 x 20 - 25 cm
- Fruit weight : 250 - 300 gm
- Harvest : 45 days after sowing
- Salient features : Early maturity, vigorous plant, excellent disease tolerance, good fruit setting, long shelf life and excellent quality.



### Bitter Gourd: Raman

- Duration of 1st picking : 45 - 50 days
- Fruit shape : Spindle
- Fruit colour : Green
- Toothing : Very good
- Av. fruit length : 16 - 19 cm
- Av. fruit weight : 100 - 130 gm
- Special characters : Vigorous vines with high yield, excellent shelf life, very good transportability.



### Bitter Gourd: Bujji

- Duration of 1st picking : 45 - 50 days
- Fruit shape : Short spindle
- Fruit colour : Green
- Toothing : Very good
- Av. fruit length : 7 - 9 cm
- Av. fruit weight : 35 - 45 gm
- Special characters : Excellent shelf life, very good transportability.





### Bottle Gourd: Mahima

- Duration of 1st Picking : 55 - 60 days
- Plant type : Vigorous vines
- Fruit colour : Green
- Fruit shape : Medium long cylindrical
- Av. fruit length : 25 - 30 cm
- Av. fruit weight : 700 - 850 gm
- Special characters : High yielding, very good transportability.



### Bottle Gourd: Mahabali

- Duration of 1st picking : 50 - 55 days
- Plant type : Vigorous vines
- Fruit colour : Dark green with blotchy spots on fruit surface
- Fruit shape : Long gada type
- Av. fruit length : 40 - 45 cm
- Av. fruit weight : 1500 - 2000. gm
- Special characters : High yielding, uniform size, very good transportability.



### Bottle Gourd: Dhara

- Duration of 1st picking : 55 - 60 days
- Fruit shape : Oval shape
- Fruit colour : Light green
- Av. fruit weight : 700 - 800 gm
- Special characters : High yielding.



### Bottle Gourd: Ketaki

- Duration of 1st picking : 50 - 55 days
- Fruit colour : Light green
- Fruit length : 40 - 45 cm
- Fruit weight : 800 - 900 gm
- Special characters : Profuse growth having good fruit bearing capacity with good resistance to gummy stem blight. Fruits are long with good fresh light green colour, and have soft edible flesh.



### Bottle Gourd: Srivalli

- Duration of 1st picking : 50 - 55 days
- Fruit length : 45 - 50 cm
- Fruit colour : Light green
- Fruit weight : 900 - 1000 gm
- Special characters : Profuse growth having good fruit bearing capacity with good resistance to gummy stem blight. Long with good fresh light green colour with good glossiness, have soft edible flesh.





### Chilli:

### Red Hot

- Growth habit : Semi erect
- Fruit shape : Slender long
- Fruit size : 12-14 cm length x 1.3 to 1.5 cm wide
- Fruit colour : Dark green to deep red
- Fruit bearing : Pendant
- Pungency : Low pungent
- Special characters : High colour hybrid, moderate tolerance to virus disease.



### Chilli:

### Damini

- Growth habit : Semi erect-bushy
- Fruit shape : Slender medium long
- Fruit size : 11-12 cm length x 1.2-1.3 cm wide
- Fruit colour : Green to red
- Fruit bearing : Pendant
- Pungency : Medium
- Special characters : High colour hybrid, moderate tolerance to virus disease.



### Chilli:

### DCX 3160

- Growth habit : Semi erect-bushy
- Fruit shape : Wrinkled long
- Fruit size : 13-15 cm length X 1.2-1.3 cm wide
- Fruit colour : Light green
- Fruit bearing : Pendant
- Pungency : Medium
- Special characters : Moderate tolerance to virus and powdery mildew.



**Chilli:****Guna**

- Growth habit : Erect tall plant
- Fruit shape : Medium long with glossy surface
- Fruit size : 12-14 cm length X 1.2-1.4cm wide
- Fruit colour : Green glossy to red
- Fruit bearing : Pendant
- Pungency : Medium
- Special characters : High color hybrid with moderate tolerance to powdery mildew and virus disease.

**Chilli:****Kirti**

- Growth habit : Semi erect plant
- Fruit shape : Medium long
- Fruit size : 11-12 cm length x 1.1 to 1.2 cm wide
- Fruit colour : Green to red
- Fruit bearing : Pendant
- Pungency : Medium
- Special characters : Moderate tolerance to virus disease and powdery mildew.

**Chilli:****Megahot**

- Growth habit : Erect tall
- Fruit shape : Tapering short fruit
- Fruit size : 7-8 cm length x 0.8 to 0.9cm wide
- Fruit colour : Green to red
- Fruit bearing : Pendant
- Pungency : Very high pungency
- Special characters : Better tolerance to virus disease and powdery mildew.



**Chilli:****MH1101**

- Growth habit : Semi erect
- Fruit shape : Short fruit type
- Fruit size : 7-8 cm length x 1.0 -1.1 cm wide
- Fruit colour : Green to red
- Fruit bearing : Pendant
- Pungency : Medium pungency
- Special characters : Moderate tolerance to virus disease and powdery mildew.

**Chilli:****MH1201**

- Growth habit : Erect tall
- Fruit shape : Medium long with wrinkled surface
- Fruit size : 12-13 cm length x 1.1-1.2 cm wide
- Fruit colour : Light green wrinkled
- Fruit bearing : Pendant
- Pungency : Medium
- Special characters : High colour hybrid, moderate tolerance to virus disease.

**Chilli:****MH1202**

- Growth habit : Erect tall
- Fruit shape : Medium long with smooth surface
- Fruit size : 12-13 cm length x 1.1-1.2 cm wide
- Fruit colour : Light green
- Fruit bearing : Pendant
- Pungency : Medium pungency
- Special characters : Moderate tolerance to virus disease and powdery mildew.





**Chilli:****MH1203**

- Growth habit : Semi erect
- Fruit shape : Medium long
- Fruit size : 11- 12 cm length x 1.2 -1.3 cm wide
- Fruit colour : Green to red
- Fruit bearing : Pendant
- Pungency : Medium pungent
- Special characters : Moderate tolerance to virus disease.

**Chilli:****MH2101**

- Growth habit : Erect tall
- Fruit shape : Tapering short fruit
- Fruit size : 7-8 cm length x 0.8 to 0.9 cm wide
- Fruit colour : Green to red
- Fruit bearing : Pendant
- Pungency : High pungency
- Special characters : Better tolerance to virus disease and powdery mildew.

**Chilli:****MH2301**

- Growth habit : Erect tall
- Fruit shape : Extra long fruit with wrinkled glossy surface
- Fruit size : 14-16 cm length x 1.3 to 1.4 cm wide
- Fruit colour : Green to red
- Fruit bearing : Pendant
- Pungency : Low pungent
- Special characters : High colour hybrid with good tolerance to wilt and moderate tolerance to virus.





**Chilli:****MH3101**

- Growth habit : Erect tall
- Fruit shape : Tapering short fruit
- Fruit size : 7-8 cm length x 0.8 to 0.9cm wide
- Fruit colour : Green to red
- Fruit bearing : Pendant
- Pungency : High pungency
- Special characters : Better tolerance to virus disease and powdery mildew.

**Chilli:****MH3301**

- Growth habit : Semi erect bushy
- Fruit shape : Long fruit with wrinkled surface
- Fruit size : 13-15 cm length x 1.0 to 1.2 cm wide
- Fruit colour : Green to red
- Fruit bearing : Pendant
- Pungency : Low pungent
- Special characters : High colour hybrid with good tolerance to wilt and moderate tolerance to virus.

**Chilli:****Priya**

- Growth habit : Semi erect
- Fruit shape : Extra long with glossy surface
- Fruit size : 15-18 cm length x 1.6-1.8 cm wide
- Fruit colour : Hungarian yellow wax to red
- Fruit bearing : Pendant
- Pungency : Medium pungent
- Special characters : Moderate tolerance to virus disease and powdery mildew.





### Tomato: Amruta

Plant habit :	Determinate
Disease & virus tol :	Moderate tolerance to TLCV
Fruit colour :	Red
Fruit shape :	Flat round
Fruit weight :	65-75 g
Firmness :	Medium
Special characters :	Early hybrid with determinate growth, moderate heat tolerance.



### Tomato: Shambhu

Plant habit :	Semi-determinate
Disease & virus tol :	Good tolerance to TLCV, Blight & bacterial spot
Fruit colour :	Red
Fruit shape :	Flat round
Fruit weight :	80 - 90g
Firmness :	Good
Special characters :	Medium maturity, high yielding hybrid with good disease tolerance and fruit size uniformity.



### Tomato: MT 3535

Plant habit :	Indeterminate
Disease & virus tol :	Good tolerance to TLCV
Fruit colour :	Red
Fruit shape :	Flat round
Fruit weight :	85 - 95 gm
Firmness :	Good
Special characters :	Suitable for rabi & summer season good bearing with size uniformity



## Tomato: Manohar

- Plant habit : Semi-determinate
- Disease & virus tol : Moderately tolerant to TLCV
- Fruit colour : Red
- Fruit shape : Flat round
- Fruit weight : 75 - 85 gm
- Firmness : Good
- Special characters : High yielding.



## Tomato: Nisha

- Plant habit : Semi-determinate
- Disease & virus tol : Moderately tolerant to TLCV
- Fruit colour : Red
- Fruit shape : Flat round
- Fruit weight : 80 - 90 gm
- Firmness : Medium
- Special characters : Early high yielding hybrid.



## Tomato: Pluto

- Plant habit : Semi-determinate
- Disease & virus tol : Good tolerance to TLCV & bacterial spot, moderate tolerance to blight
- Fruit colour : Red
- Fruit shape : Flat round
- Fruit weight : 80 - 90g
- Firmness : Good
- Special charecters : Medium maturity, high yielding hybrid with good disease tolerance and fruit size uniformity.



**Tomato:****MT 6288**

- Plant habit : Semi determinate
- Disease & virus tol : Good tolerance to TLCV
- Fruit colour : Red
- Fruit shape : Oval
- Fruit weight : 80 - 85 g
- Firmness : Very good
- Special characters : Early firm fruit, suitable for transportability.

**Tomato:****Winner**

- Plant habit : Semi-determinate
- Disease & virus tol : Moderately tolerant to TLCV
- Fruit colour : Red
- Fruit shape : Flat to flat round
- Fruit weight : 90 gm
- Firmness : Medium
- Special characters : Green shoulder hybrid with good fruit size & uniformity.





### Ridge Gourd: Mallika

- Duration of 1st picking : 50 to 55 days after sowing
- Fruit length : 30 to 35 cm
- Fruit shape : Medium long slender
- Fruit colour : Green
- Fruit weight : 200 to 250 gm
- Special characters : Tolerance to downey mildew and powdery mildew.



### Ridge Gourd: Nag

- Duration of 1st picking : 45 to 50 days after sowing
- Fruit length : 38 to 45 cm
- Fruit shape : Long slender
- Fruit colour : Dark green clour
- Fruit weight : 200 to 250 gm
- Special characters : Early fruiting and tolerance to downey mildew.





### Sponge Gourd: Sindhu

- Duration of 1st picking : 40 to 45 days
- Fruit length : 20 - 28 cm
- Fruit colour : Dark green
- Fruit weight : 100 gm
- Special characters : Good shining and suitable for round year cultivation
- Tolerance to viruses : Moderately tolerant.



### Sponge Gourd: Sarita

- Duration of 1st picking : 40 to 45 days
- Fruit length : 21 - 28 cm
- Fruit colour : Light green
- Fruit weight : 110 gm
- Special characters : Smooth light green fruit with good shining
- Tolerance to viruses : Moderately tolerant.



### Sponge Gourd: Sanjeevani

- Duration of 1st picking : 40 days
- Fruit length : 22 - 29 cm
- Fruit colour : Dark green
- Fruit weight : 120 gm
- Special characters : Good shining and suitable for round year cultivation
- Tolerance to viruses : Moderately tolerant.





### Sponge Gourd: Anvita

- Duration of 1st picking : 40 to 42 days
- Fruit length : 22 - 30 cm
- Fruit colour : Light green
- Fruit weight : 120 gm
- Special characters : White seeded hybrid, good shining and suitable for round year cultivation
- Tolerance to viruses : Moderately tolerant.



### Cauliflower: White Heart

- Maturity : 60 - 70 days
- Plant habit : Good blanching, covered curd
- Curd shape : Dome shaped
- Curd colour : White
- Curd weight : 1.25 - 1.5 Kg
- Compactness : Very compact
- Av. curding temp : 15 - 24\*c
- Special characters : Good field holding, best in temperate condition.





### Cauliflower: Best

- Maturity : 55 - 60 days
- Plant habit : Semi erect plant
- Curd colour : White
- Curd weight : 600 - 800 gm
- Compactness : Compact
- Special characters : Tropical cauliflower, early harvest with self covering ability, ability to grow in rainy & hot condition.



### Cabbage: Green Ball

- Maturity : Medium maturity, 60-65 days
- Head shape : Round
- Curd colour : Bluish green
- Curd weight : 1.25 - 1.5 Kg
- Compactness : Very compact
- Field holding capacity : 15 - 20 days
- Special characters : Good field holding capacity, uniform head.



### Cabbage: Dhaanya Globe

- Maturity : Early maturity, 50 - 55 days
- Head shape : Round
- Curd colour : Green
- Curd weight : 800 - 1000 gm
- Compactness : Very compact
- Field holding capacity : 10 - 12 days
- Special characters : Extra early maturity, Tolerance for black rot.



### Cucumber: 007

- Duration of 1st picking : 40 - 42 days
- Fruit colour : Green with slight dark green shoulder
- Fruit shape : Cylindrical
- Fruit weight : 150 - 180 gm
- Fruit length : 18 - 20 cm
- Special characters : Good yield, shiny, uniform fruits.



### Cucumber: 003

- Duration of 1st picking : 40 - 45 days
- Fruit colour : Dark green
- Fruit shape : Long cylindrical
- Fruit weight : 180 - 220 gm
- Fruit length : 22 - 24 cm
- Special characters : Extra long fruits, uniform size, adaptive in different climate.



**Cucumber:** Naira

- Duration of 1st picking : 38 - 40 days
- Fruit colour : Green
- Fruit weight : 125 - 150 gm
- Fruit length : 15 - 16 Cm
- Special characters : High female flower ratio, high yielding.



**Cucumber:** Zara

- Duration of 1st picking : 40 - 45 days
- Fruit colour : Green
- Fruit shape : Cylindrical
- Fruit weight : 150 - 180 gm
- Fruit length : 18 - 20 cm
- Special characters : High yielder.



**Cucumber:** 015

- Duration of 1st picking : 40 - 45 days
- Fruit colour : Attractive greenish white
- Fruit shape : Cylindrical
- Fruit weight : 130 - 150 gm
- Fruit length : 16 - 18 cm
- Special characters : High yielder, uniform size.





### Watermelon: Maharaja

- Maturity (DS) : 85 - 90 days
- Fruit colour : Light green rind with dark green stripes
- Fruit shape : Oblong type
- Flesh colour : Deep crimson
- Fruit weight : 11 - 12 kg
- TSS % : 11 - 12%
- Special characters : Wide adaptability, very good shipper.



### Watermelon: Lal Pasand

- Maturity (DS) : 65 - 90 days
- Fruit colour : Light green rind with dark green stripes
- Fruit shape : Oblong type
- Flesh colour : Deep red
- Fruit weight : 11 - 12 kg
- TSS % : 12%
- Special characters : Wide adaptability, very good shipper, granular texture.



### Watermelon: Madhuras

- Maturity (DS) : 62 - 65 days
- Fruit colour : Bluish black
- Fruit shape : Oblong type ice box hybrid
- Flesh colour : Deep crimson
- Fruit weight : 4 - 6 kg
- TSS % : 12 - 13%
- Special characters : High yielder, very good shipper.



### Watermelon: Madhulika

- Maturity (DS) : 62 - 65 days
- Fruit colour : Bluish black
- Fruit shape : Oblong type ice box hybrid
- Flesh colour : Deep crimson
- Fruit weight : 3 - 5 kg
- TSS % : 12 - 13%
- Special characters : High yielder, very good shipper.



### Watermelon: Red Mist

- Maturity (DS) : 75 - 90 days
- Fruit colour : Bluish green
- Fruit shape : Round
- Flesh colour : Deep red
- Fruit weight : 6 - 8 kg
- TSS % : 11 - 12%
- Special characters : High yielder, very good shipper.



### Watermelon: Madhur Gold

- Maturity (DS) : 75 - 90 days
- Fruit colour : Bluish green
- Fruit shape : Oblong type ice box hybrid
- Flesh colour : Deep red
- Fruit weight : 4 - 6 kg
- TSS % : 12 - 13%
- Special characters : High yielder, very good shipper.





## Sweet Corn: Yellow Candy

- Plant : Medium tall, strong & vigorous
- Cob : yellow colored uniform kernels with good tip filling
- Maturity : 80-85 days after sowing
- Kernels : Sweet tender
- TSS % : 16-17%
- Special characters : Suitable for both fresh consumption & processing.



## Pumpkin: Mahadev

- Maturity: 65 - 70 days
- Growth habit : Intermediate
- Plant vigor: Very strong
- Fruit shape: Tapering
- Fruit colour of skin: Mottle green ( blotchy green brown)
- Colour of flesh: Yellow orange
- Texture of skin: Smooth
- Fruit size: 18 \* 16 cm
- Fruit weight: 2.5 – 3.0 kg
- Season: Summer, kharif





**Pumpkin:****Bheema**

- Maturity (DS) : 90 - 95 days
- Plant vigour : Very strong
- Fruit shape : Flat round shape
- Fruit colour : Dark green colour at immature stage, turns to brownish yellow on full ripening
- Colour of flesh : Yellow orange flesh excellent taste and sweetness.
- Fruit weight : 3 - 4 kg

**Radish:****MRH 111**

- Maturity : 28 - 30 days
- Plant type : Erect
- Root shape : Tapering
- Root colour : White
- Root length : 25 - 28 cm
- Root weight : 150 - 170 gm
- Season : Summer, kharif
- Special character : Good product for "Palak Patta" segment.





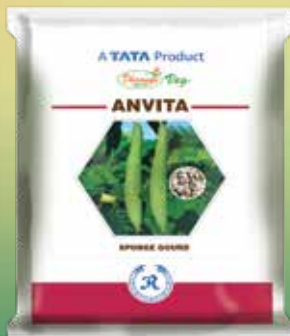


## Green Peas: Green Pearl

- Maturity (DS) : 70 - 80 days
- Fruit type : Sickle shaped and dark green colour pods
- No of peas : 8-10 sweet peas per pod
- Plant type : 2-3 cluster per plant
- Special characters : Tolerant to powdery mildew, well adapted to all peas growing regions(hill and plains) and seasons.



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