



AN ISO Certified Company

# INDO US BIO-TECH LIMITED



[www.indousagriseeds.com](http://www.indousagriseeds.com)





## About Us

Indo US Bio-Tech Limited is a pioneering seed company dedicated to enhancing agricultural productivity through innovative and quality seed solutions. Established in 2004, the company has been at the forefront of developing hybrid and open-pollinated seeds to address the needs of Indian farmers. With a strong commitment to research, development, and sustainable agriculture, Indo US Bio-Tech Limited aims to empower the farming community by providing seeds that ensure better yields and resilience to environmental challenges.

The company's state-of-the-art R&D facilities, processing plants, and advanced laboratories are equipped to produce seeds that meet global standards of purity, quality, and germination. Specializing in a wide range of crops such as vegetables, cereals, pulses, oilseeds, and spices, Indo US Bio-Tech Limited has earned a reputation for its excellence in seed breeding and its commitment to innovation.

The company's infrastructure, including modern seed processing units and packaging facilities, ensures that only the best products reach the farmers.

The dedicated team at Indo US Bio-Tech Limited constantly strives to develop varieties that adapt to diverse climates and address challenges such as disease resistance and environmental stress. Guided by its vision to support sustainable agriculture, the company remains focused on delivering high-quality seeds that empower farmers and contribute to national food security.



### Chairman

## MR. JAGDISH AJUDIA

Chairman, Indo US Bio-Tech Limited

Mr. Jagdish Ajudia, the visionary Chairman of Indo US Bio-Tech Limited, established the company in 2004, bringing with him over 35 years of experience in agriculture and agribusiness. A pioneer in the Indian seed industry, he has transformed the company from a modest beginning into a leading name in the sector, renowned for its innovation, quality, and commitment to empowering farmers.

With an in-depth understanding of the challenges faced by the agricultural community, Mr. Ajudia has been instrumental in fostering research and development to create high-yielding, disease-resistant, and climate-resilient seed varieties. His strategic vision and leadership have driven collaborations with key agricultural organizations and government bodies, further solidifying the company's position as an industry leader.

A passionate advocate for sustainable agriculture, Mr. Ajudia continues to guide Indo US Bio-Tech Limited in its mission to enhance productivity, ensure food security, and uplift the lives of farmers across the nation. His dedication and expertise remain the cornerstone of the company's enduring success and growth.

### Chairman's Message

Since our establishment in 2004, our company has been dedicated to transforming agriculture through the production of high-quality seeds. With a diverse product portfolio that includes vegetable seeds, cereals, pulses, spices, and oilseed crops, we have consistently focused on empowering farmers and supporting the agricultural sector.

Our state-of-the-art infrastructure, equipped with advanced seed processing units and cutting-edge technologies, ensures the delivery of superior-quality seeds with excellent physical and genetic purity. Our strong R&D foundation, led by qualified breeders and technocrats, enables us to develop high-yielding, pest-resistant varieties that address environmental concerns and promote sustainable farming practices.

We remain committed to delivering mutual value to our farmers, customers, and stakeholders while contributing to the nation's agricultural growth. Together, let us continue building a sustainable and prosperous future for the agriculture industry.



**Director**

## **MRS. MALTI AJUDIA**

Whole-Time Director, Indo US Bio-Tech Limited

### **BOARD MEMBERS**

Mrs. Maltiben Jagdishkumar Ajudia, a visionary leader and an inspiring figure in the agricultural sector, has been serving as the Whole-Time Director of Indo US Bio-Tech Limited since 2008, bringing over 15 years of experience in leadership and management. She holds a Bachelor of Business Administration degree from Saurashtra University, which has provided her with a strong foundation in business operations and organizational management. Leadership and Contributions

Mrs. Ajudia has been instrumental in driving the growth and success of Indo US Bio-Tech Limited through her dynamic leadership and unwavering commitment to excellence.

Her key contributions include:

**Establishing Efficient Systems:** She has developed and implemented robust working systems to streamline operations, significantly enhancing the company's productivity.

**Staff Guidance:** With exceptional people management skills, Mrs. Ajudia has mentored and guided the staff, building a motivated and high-performing team.

Her leadership continues to inspire innovation, operational excellence, and sustainable growth, making her an indispensable part of Indo US Bio-Tech Limited's success story.





**MS. PRIYANKA AJUDIA**  
Executive Director, Indo US Bio-Tech Limited

## BOARD MEMBERS

### Executive Director

Miss Priyanka Jagdishbhai Ajudia has been serving as the Executive Director of Indo US Bio-Tech Limited since 2017, bringing over 7 years of experience in leadership and innovation to the company. She has pursued her Bachelor of Agriculture (B.Sc Agri.), she effectively combines her academic knowledge with practical expertise to contribute to the company's growth.

With her extensive experience, she has played a vital role in the company's R&D activities, addressing feedback from dealers, distributors, and farmers while providing effective solutions to their challenges. Her commitment to operational excellence and a farmer-centric approach have been instrumental in driving innovation and success at Indo US Bio-Tech Limited. Miss Priyanka's leadership continues to strengthen the company's mission of empowering the agricultural community and promoting sustainable growth.





# INFRASTRUCTURE

Indo US Bio-Tech Limited boasts robust infrastructure designed to meet the growing demands of the agricultural sector and ensure the delivery of high-quality seeds. The company has invested significantly in developing state-of-the-art facilities to support its mission of advancing sustainable and innovative farming solutions.

## **Seed Processing Units**

Equipped with advanced machinery such as seed grading machine, Seed Sorting machine, gravity separators, and Automatic seed coating machines. Ensures the production of seeds with optimal quality, purity, and germination rates.

## **Packaging Facilities**

Modern packaging units with automated pouch filling and sealing machines.

Ensures efficient, hygienic, and attractive packaging to maintain seed quality during storage and transportation.

## **Research & Development (R&D) Center**

A cutting-edge DSIR Approved R&D facility focused on developing high-yielding, disease-resistant, and climate-resilient seed varieties. Employs molecular breeding, hybridization, and marker-assisted selection techniques to create superior seeds.

## **Seed Storage Warehouses & Cold Storage**

Temperature & RH controlled cold storage facilities to maintain the viability and quality of seeds.

Large-scale warehouses to meet seasonal and bulk storage needs.

## **Testing Laboratories**

Fully equipped labs for quality assessment of the seeds, including physical purity, genetic purity, and germination potential. Adheres to stringent quality standards such as those defined by the Indian Seed Act, 1966.

## **Demonstration Farms**

Dedicated field trials and demonstration plots to test and showcase the performance of seed varieties under real-world conditions.

Provides valuable insights to farmers and stakeholders about the adaptability and productivity of different seeds.

## **Administrative Offices**

Located strategically to coordinate operations across India and internationally.

Houses dedicated teams for marketing, distribution, customer support, and technical assistance.

## **Distribution Network**

A well-established supply chain with distribution centers and partnerships across India.

Ensures timely delivery of seeds to farmers, retailers, and wholesalers.

The comprehensive infrastructure of Indo US Bio-Tech Limited underscores its commitment to delivering quality seeds and supporting farmers in achieving higher agricultural productivity.

# OUR PRODUCTS

**Vegetable Seeds**



**Cotton Seeds**



**Spice Seeds**



**Oil Seeds**



**Pulses Seeds**



**Cereals Seeds**





# COLLABORATION WITH DIFFERENT GOVERNMENT ORGANIZATIONS



## **National Seed Corporation**

Entered into MOU on Date: 27-05-2020 for supply of Vegetable seeds



## **Indian Council of Agricultural Research**

Entered into MOU on Date: 10-02-2021 for the commercialization and further development of two hybrid maize varieties: DMRH-1301 and DMRH-1308



## **Maharana Pratap University of Agriculture and Technology**

Entered into MOU on Date: 16-01-2021 for the commercialization and further development of Maize PHM-3 and for maize PHM-6 on 11-04-2024.



## **Indian Agricultural Research Institute**

Entered into MOU on Date: 04-07-2022 for the commercialization and promotion of Maize HQPM-1 (High-Quality Protein Maize-1).



## **Directorate of Onion and Garlic Research**

Entered into MOU on Date: 23-04-2022 for the commercialization and development of two high-yield onion varieties: BHIMA SUPER & BHIMA RED



## **HIL INDIA Limited**

Entered into MOU on Date: 06-10-2023 for supply of Vegetable seeds



## **Navsari Agriculture University**

Entered into MOU on Date: 06-04-2023 for the commercialization and promotion of Paddy GRH-2



# COMPANY MILESTONES

2024



Company received certificate of appreciation from SME empowering Award

2024



Company entered into main board in NSE & BSE board

2019



The Company has been awarded by BSE Limited for being one of the top performers in SME Segment of BSE. The award has been received by Mr. Jagdish Ajudia, Managing Director of the Company from BSE Officials at Diwali Muhurat Trading function and Felicitation of Top Volume Performers Programme of BSE held on October 27, 2019, at Mumbai.

2018



Private Limited to Public Limited.

Our Company was converted from Private Limited to Public Limited.

Krushi Vigyan Seva Kharif Award 2010



Company had received Krushi Vigyan Seva Kharif Award by MP Government

Excellence in Economic Development Award 2011 for Quality Excellence



Company received approval for Research and Development (R&D) by Department of Scientific and Industrial Research Technology Bhavan, New Delhi (DSIR), Our Company was awarded with Excellence in Economic Development Award for Quality Excellence.

All India Achievers 88 Foundation Award



Our Company was awarded with All India Achievers Foundation Award

Quality Mark Award - 2015



Our company received Quality Mark Award

# CSR INITIATIVE



At Indo US Biotech Limited, we are committed to farmer empowerment, rural development, and student welfare through our CSR initiatives. We conduct training programs, provide quality seeds, and promote sustainable agriculture to enhance productivity and rural prosperity.

Our efforts include workshops, on-field demonstrations, and collaborations to educate farmers on modern practices. Additionally, we support rural students by providing agricultural knowledge, skill development programs, and educational resources, ensuring they have better opportunities in the agri-sector.

Through these initiatives, we aim to uplift farming communities and empower the next generation of agricultural leaders.

**Empowering Farmers, Educating Rural Youth, Enriching Lives!**

# PROMOTIONAL ACTIVITIES



Indo US Biotech Limited actively engages in promotional activities to expand its reach and strengthen its brand presence in the agricultural sector. The company participates in national and international agri-exhibitions, trade fairs, and farmer awareness programs to showcase its high-quality seeds.

Through field demonstrations, workshops, and training sessions, Indo US Biotech educates farmers on advanced farming techniques and the benefits of hybrid and research-based seeds. By collaborating with government bodies, research institutes, and agricultural universities, the company promotes sustainable farming practices and innovation in the seed industry.

Additionally, its digital marketing efforts, distributor engagement programs, and direct farmer interactions enhance market visibility and foster customer trust.



# SEED INFORMATION CHART

Sr.	Crop	Seed Rate/Ha.	Spacing (cm)	Days to 1st harvest after sowing	Yield/ha.
1	Amaranthus	1 to 1.5 kg/ha	25 × 10 cm	25 to 30 (for leaf)	40 to 50 qtl. (green pods), 10 to 15 qtl. (grain yield)
	Ashgourd	2 to 3 kg/ha	200 × 100 cm	90 to 120	200 to 300 qtl.
3	Bajra	4-5 kg.	45-60x10-15	70-80	2000-2500 kg
	Beans	25 to 30 kg/ha	45 × 30 cm	50 to 60	50 to 80 qtl. (green pods), 10 to 15 qtl. (dry beans)
5	Beetroot	5-10 kg.	2.5-10 x 45-60	50	400-500 qtl.
	Bittergourd	1.2-1.5 kg.	180-200 x 60	55	60-80 qtl.
7	Black Gram	20-25kg.	30x10	75-80	700-800 kg
	Bottlegourd	2.0 Kg.	60 x 180	55	600-750 qtl.
9	Brinjal	150-200 gms	45-60 x60-75	60	600-800 qtl.
	Broccoli	300-350 gms	30-60 x 30-75	65	400-600 qtl.
11	Cabbage	300-400 gms	30-60 x 30-75	65	700-900 qtl.
	Carom (Ajwain)	2.5 to 3.5 kg/ha	30 × 10 cm	150 to 180	10 to 15 qtl.
13	Carrot	5-10 Kg.	2.5-7.5 x 45-60	75	250-400 qtl.
	Castor	8 to 10 kg/ha	90 × 60 cm	150 to 180	15 to 25 qtl.
15	Cauliflower	250-350 gms	30-60x30-75	70	400-600 qtl.
	Celery	20,000 to 25,000 seeds	30x60	80	300-400 qtl.
17	Chicory Green Hearted	20,000 to 25,000 seeds	30-40	75	100-200 qtl.
	Chillies	250-300 gms	30-45 x 45-75	55	200-300 qtl. (green)
19	Chinese cabbage	300-400 gms	30-60 x 30-75	65	400-500 qtl.
	Coriander	20-30 kg.		45	100-200 qtl.
21	Cotton	4-5 kg.	120x60 & 90-30	170-200	2500-4000 kg
	Cowpea	20 to 25 kg/ha	30 × 10 cm	45 to 60	40 to 50 qtl. (green pods), 10 to 15 qtl. (grain yield)
23	Cucumber	750-900 gms	30x150	35-40	100-200 qtl.
	Cumin	12 to 16 kg.	30	110-115	700-800 kg
25	Endive	500 gms	40x40	55-65	50-100 qtl.
	Fennel	75 gms	20x45	90	15-25 qtl.
27	Fenugreek	20 to 25 kg/ha	20 × 5 cm	30 to 40 (for leaves) 90 to 100 (for seeds)	10 to 15 qtl.
	Gherkin	1 Kg.	30x100-150	50	100-200 qtl.
29	Gram	75 to 100 kg/ha	30 × 10 cm	100 to 120	15 to 25 qtl.



# SEED INFORMATION CHART

Sr.	Crop	Seed Rate/Ha.	Spacing (cm)	Days to 1st harvest after sowing	Yield/ha.
30	Green Gram	20-25	30x10& 45x10	75-80	800-1000 kg
31	Groundnut	80 to 120 kg/ha (for bunch type) & 100 to 125 kg/ha (for spreading type)	45 × 10 cm (bunch type) & 60 × 15 cm (spreading type)	100 to 130	20 to 30 qtl.
32	Isabgol	4 to 6 kg/ha	20 × 10 cm	110 to 130	8 to 12 qtl.
33	Kale	300-400 gms	40x60	55	700-800 qtl.
34	Knol Khol	3-4 kg.	15-20x45-60	75	600-800 qtl.
35	Leek	1 kg.	15x40	110	300-500 qtl.
36	Maize	18 to 25 kg/ha	60 × 20 cm	90 to 100 (grain), 60 to 80 (green cob)	50 to 80 qtl.
37	Marigold	1.5 to 2 kg/ha	45 × 30 cm	60 to 70 after Tp	100 to 150 qtl.
38	Musk Melon	0.75-1 Kg	60-90x180-240	90	80-100 qtl.
39	Mustard	4 to 6 kg/ha	30 × 10 cm	100 to 120	12 to 20 qtl.
40	Okra	5-10 Kg.	30-60 x 60-90	55	170-200 qtl.
41	Onion	4-6 Kg	10-15x45-75	90	250-400 qtl.
42	Paddy (Rice)	40 to 50 kg/ha (direct seeding) & 20 to 25 kg/ha (transplanting method)	20 × 15 cm (transplanting) & 25 × 10 cm (direct seeding)	100 to 150	50 to 80 qtl.
43	Parsely	500 gms	10x30	75-90	200-250 qtl.
44	Pea	80 to 100 kg/ha	30 × 10 cm	90 to 100	50 to 80 qtl. (green pods), 15 to 25 qtl. (grain yield)
45	Pumpkin	3-4 Kg	60x250-300	60	400-450 qtl.
46	Radish	10 Kg	5x20	65	100-120 qtl.
47	Ramanesco	200-350 gms	30-60x30-75	70	400-600 qtl.
48	Red Cabbage	300-400 gms	30-60x30-75	90	500-600 qtl.
49	Ridge gourd	2.0 kgs.	60-180	65	400-500 qtl.
50	Savoy cabbage	300-400 gms	30-60x30-75	75	400-500 qtl.
51	Sesame	4-5 kg.	45-15	85-90	700-800 kg
52	Spinach	16 kg.	15	60	150-250 qtl.
53	Sponge Gourd	3 kg.	60x180	60	400-450 qtl.
54	Sunflower	8 to 10 kg/ha	60 × 30 cm	80 to 120	15 to 25 qtl.
55	Sweet corn	8-10 kg.	20-25 x 30-60	85-90	50,000 cobs
56	Tomato	120-150 gms	30-45x30-60	60	800-1000 qtl.
57	Watermelon	2-2.5 kg.	60-90 x 180-240	90	100-150 qtl.
58	Wheat	100 to 125 kg/ha	20 × Continuous rows	120 to 150	40 to 60 qtl.



# SEED INFORMATION CHART

Sr. No.	Crop	Seed Rate/Acre	Spacing (cm)	FVM Per Acre	Fertilizers per acre kgs			Population per acre
					N	P	K	No.of Plants
	Hybrid/Variety	Gm/Kg	RRXPP	TONS				
1	Research Paddy	12kg	15x15	10	50	30	25	
2	Hybrid Paddy	6kg	15x15	10	50	40	30	
3	Hybrid Maize	7kg	60x20	10	50	40	30	55000-28000
4	Hybrid Sorghum	3kg	60x15	10	30	30	20	30000-32000
5	Hybrid Bajra	2kg	60x15	10	30	30	20	30000-32000
6	Hybrid Sun Flower	2kg	60x20	10	30	30	20	31000-33000
7	Tomato	40-50kg	60x30	10	50	35	25	7500-8000
8	Hot/Sweet Paper	100g	90x60	10	60	40	30	6000-7000
9	Egg Plant	50-60g	60x30	10	50	35	25	6400-8000
10	Okra	2kg	60x20	10	40	20	20	25000-28000
11	Gourds	400-500g	150x60	10	40	35	20	4000-5000
12	Water Melon	400-500g	150x60	10	30	40	25	4000-4500
13	Musk Melon	400-500g	150x60	10	30	40	25	4000-4500
14	Cucumber	250-300g	150x60	10	30	75	40	4000-5000
15	Cabbage	100g	45x45	10	30	75	40	30000
16	Cauliflower	100g	45x45	10	30	75	40	30000
17	Beans	8kg	60x30	10	30	40	25	6000-7000
18	Cow Pea	8kg	60x30	10	30	40	25	6000-7000
19	Onion	2kg	15x15	10	30	40	25	
20	Palak	10kg	30x20	10	30	40	25	45000-50000
21	Coriander	10kg	30x5	10	30	40	25	70000-80000
22	Raddish	1kg	30x15	10	30	40	25	85000-90000
23	Carrot	2kg	30x5	10	40	30	52	80000-100000
24	Beet Root	5-6kg	30x15	10	40	30	25	85000-90000
25	Tinda	450-500	100x30	10	40	30	25	5000-6000
26	Yard Long Beans	450-500kg	150x20	10	30	40	25	5500-6500



# PEST CONTROL MEASURES CHART FOR AGRICULTURE SEEDS

Pest	Description	Preventive Measures	Control Measures	Recommended Products
<b>Seed-borne Fungi (e.g., Fusarium, Aspergillus)</b>	Fungi affecting seed quality, causing rot or disease spread.	- Use certified disease-free seeds. - Proper seed treatment with fungicides. - Store seeds in dry, cool, and ventilated conditions.	- Treat seeds with fungicides before planting (e.g., Captan, Thiram). - Use biological fungicides like Trichoderma spp	- Captan, Thiram, Metalaxyl, Trichoderma spp
<b>Insects (e.g., Weevils, Grain Moths)</b>	Damage seeds during storage by feeding on them.	- Store seeds in sealed, airtight containers. - Use insect-proof storage facilities. - Rotate seed stocks regularly.	- Use insecticides (e.g., Pyrethrins, Permethrin) during storage. - Introduce natural predators (e.g., parasitic wasps).	- Pyrethrins, Permethrin, Diatomaceous Earth
<b>Aphids</b>	Suck sap from seeds and young plants, transmitting viral diseases.	- Use resistant seed varieties if available. - Practice crop rotation.	- Use insecticidal soap or horticultural oils.-Introduce natural predators (ladybugs, lacewings).	- Insecticidal soap, Neem oil, Pyrethrum
<b>Wireworms</b>	Larvae of click beetles that attack seedling roots.	- Rotate crops to prevent build-up in the soil. - Avoid planting in infested fields.	- Use insecticides like Chlorpyrifos before planting. - Bait with potato slices to trap larvae.	- Chlorpyrifos, Carbofuran
<b>Cutworms</b>	Larvae that cut young plants off at the soil level.	- Incorporate organic matter into the soil to disrupt larvae. - Use barriers like paper collars around seedlings.	- Apply insecticides around the base of plants. - Handpick visible larvae during evening hours.	- Carbaryl, Spinosad
<b>Nematodes (e.g., Root Knot Nematodes)</b>	Microscopic worms that attack seedling roots.	- Use nematode-resistant varieties. - Soil solarization and crop rotation.	- Apply nematicides like Aldicarb, or use biological agents like nematophagous fungi.	- Aldicarb, Nematicidal oils, Neem oil
<b>Rodents (e.g., Rats, Mice)</b>	Feed on seeds and seedlings, causing significant damage.	- Use rodent-proof storage containers. - Keep fields free of debris and weeds.	- Use rodenticides or traps. - Place baits around storage areas.	- Bromadiolone, Warfarin, Zinc Phosphide
<b>Birds (e.g., Sparrows, Crows)</b>	Scavenge seeds, causing loss of crop.	- Use scare tactics (e.g., reflective tapes, noise makers). - Cover seeds with netting or row covers.	- Use bird repellent sprays or ultrasonic devices. - Place decoys or predatory birds like hawk kites	- Bird repellent gels, ultrasonic repellents
<b>Slugs and Snails</b>	Feed on young seedlings and seeds.	- Keep soil dry and avoid excess watering. - Use barriers (e.g., crushed eggshells or copper tape).	- Apply slug baits with iron phosphate. - Introduce natural predators like ducks.	- Iron Phosphate, Metaldehyde
<b>Tarnished Plant Bug</b>	Feed on seeds and young plants, causing deformation.	- Use resistant seed varieties. - Rotate crops.	- Spray with insecticides like Pyrethroids. - Use insecticidal soap or neem oil.	- Permethrin, Spinosad, Pyrethrin

## Notes:

1. Integrated Pest Management (IPM) strategies are encouraged, combining biological, cultural, mechanical, and chemical methods to control pests sustainably.
2. Always follow label instructions on pesticides and consult local agricultural extension services for tailored advice specific to your region.



### INDO US RUPALI YELLOW F1 HY

Plant habit	: Large, medium disease tolerance, medium maturity
Fruit shape	: Blocky 4 lobed
Days of maturity	: 60 – 65 days (after transplant)
Fruit colour	: Light green to yellow
Weight	: 110 – 150 gms



### INDO US RUPALI GREEN F1 HY

Plant habit	: Medium tall, vigorous growth with good branching & foliage cover.
Fruit colour	: Attractive glossy, dark green at immature stage & Brown at maturity.
Av. fruit size	: 10 cm x 10 cm.
Days of maturity	: 62-68 days after sowing



### INDO US RUPALI RED F1 HY

Plant habit	: Large, medium disease tolerance, medium maturity
Fruit shape	: Blocky 6 lobed
Days of maturity	: 60 – 65 days (after transplant)
Fruit colour	: Dark green turning red
Weight	: 110 – 150 gms



# CHILLI



## INDO US 612 F1 HY

Plant height	: 70-80(cm)
Fruit colour	: Light green
Fruit length	: 8-10 cm
Fruit width	: 4-1.5 cm
Seed rate	: 180 – 220 g/ha
Frist picking of fruit	: 75-80 days



## INDO US 927 F1 HY

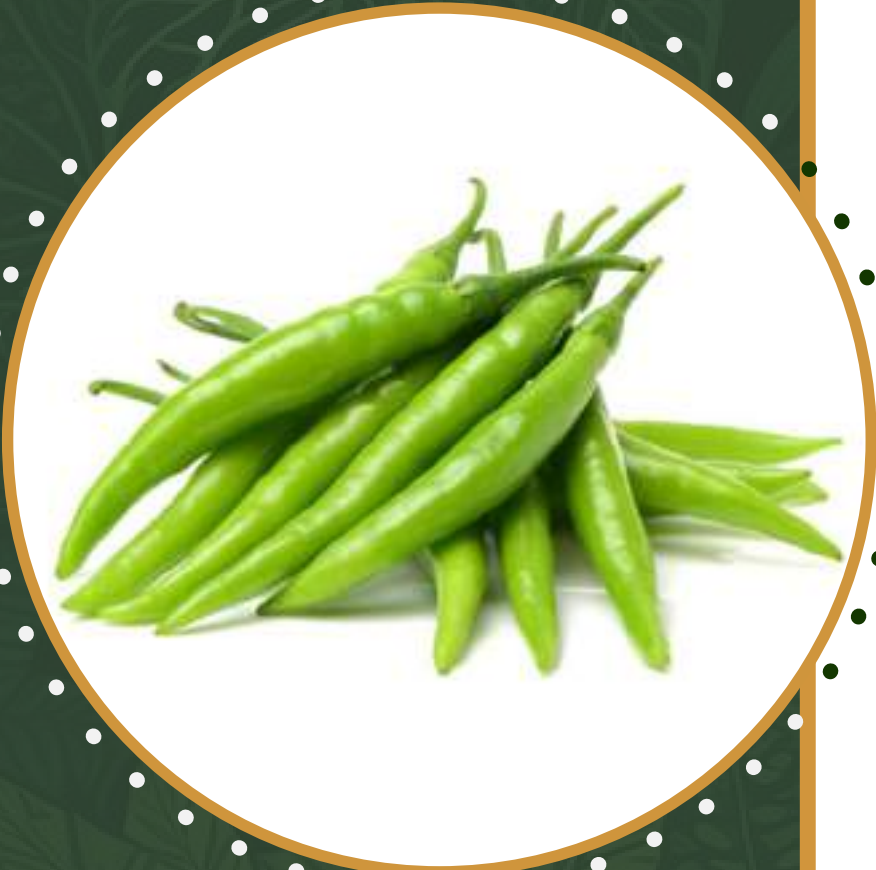
Plant height	: 90-95 (cm)
Fruit colour	: Deep green
Fruit length	: 6-7 cm
Fruit width	: 1-1.1 cm
Seed rate	: 190 – 200 g/ha.
Frist picking of fruit	: 70-72 days
Days of maturity	: 180-200 days



## INDO US 945 F1 HY

Plant height	: 85-90(cm)
Fruit colour	: Pale green
Fruit length	: 15 -16 cm
Seed rate	: 200-210 g/ha
Frist picking of fruit	: 70-75 days
Days of maturity	: 170-180 days

# CHILLI



## INDO US 9730 F1 HY

Plant height	: 90-100 cm
Spacing	: 60x45 cm or 75x60 cm
Fruit length	: 6 cm
Fruit diameter	: 4-5 cm
Fruit color	: Light green
Fruit color (maturity)	: Red
Pungency	: Medium
Days of maturity	: 180-200 days



## INDO US 9931 F1 HY

Plant height	: 80-90 cm
Plant type	: Erect
Fruit length	: 6-8 cm
Fruit diameter	: 1.2-2.5 cm
Fruit color	: Dark green
Fruit color (maturity)	: Dark red
Days of maturity	: 70-80 days after transplant
Pungency	: High



## INDO US 9943 F1 HY

Plant habit	: Robust and erect plant habit
Plant vigour	: Excellent plant vigour
Fruit shape	: Long and thick
Pungency	: Low
Fruit colour	: Red dry colour
Diameter	: 1 To 1.5 cm
Yield	: 1.5 To 2 MT/acre in red dry
USPs	: Uniform drying, high circular, wrinkle, good yield

# CHILLI



## INDO US GARUD F1 HY

Plant height	: 50-60 cm
Fruit length	: 8-10 cm
Fruit diameter	: 2.5-4.5 cm
Fruit color	: Pale green
Fruit color (maturity)	: Red
Skin	: Medium thick



## INDO US KRANTI 999 F1 HY

Plant height	: 70-80 cm
Fruit length	: 10-16 cm
Fruit diameter	: 1.1-1.5 cm
Fruit color	: Green
Fruit color (maturity)	: Red
Skin	: Medium thick



## INDO US RANI F1 HY

Maturity (days)	: 60-65
Fruit length	: 12 – 16 cm
Pericarp	: Thick
Fruit color	: Green
Fruit color (maturity)	: Red
Pungency	: Medium



## INDO US SANYATA F1 HY

Maturity (days)	: 60-65
Fruit length	: 12 – 16 cm
Pericarp	: Thick
Fruit color	: Green
Fruit color (maturity)	: Red
Pungency	: Medium

# MARIGOLD SUNFLOWER



## INDO US ORANGE 999 F1 HY

Plant habit	: Tall bushy
Plant height	: 80-90 cm
Flower colour	: Orange
First harvest	: 40-45 days after transplanting
Flower weight	: 20-22 gm
Flower size	: Medium
Keeping quality	: Good



## INDO US YELLOW 99 F1 HY

Plant habit	: Bushy
Plant height	: 50-55 cm
Flower colour	: Yellow
First harvest	: 40 days after transplanting
Flower weight	: 15-16 gm
Flower size	: Medium
Keeping quality	: Good



## INDO US -999 F1 HY

Plant height	: 140-160 cm
Plant type (head)	: Single
Steam thickness	: Medium
Leaf color	: Dark green
Leaf shape	: Cordate
Leaf margin	: Slightly serrate
Steam bending	: Bedning
Head shape	: Convex
Seed size	: Medium
Seed color	: Black with light white stripes
Days of maturity	: 85-90 days

# TOMATO



## INDO US RAJSHAKATI F1 HY

Plant habit	: Semi determinate
Fruit shape	: Oval round
Fruit colour	: Deep red with green shoulder
Avg. fruit weight	: 90-100 gm
Firmness	: Medium
Yield	: 25-30 MT/acre
Seed rate	: 60-65 gm/acre



## INDO US 9999 F1 HY

Plant habit	: Determinate
Fruit shape	: Square round
Fruit colour	: Deep red with green shoulder
Avg. fruit weight	: 70-80 gm
Firmness	: Medium
Spacing	: 0.5x1.0M



## INDO US ABHISHREE F1 HY

Plant type	: Tall determinate
Fruit shape	: Flat Round
1st Picking	: 65 to 70 days after transplanting
Fruit colour	: Red with light green shoulder
Avg. fruit weight	: 90-100 gm
Fruit firmness	: Excellent



## INDO US 3140 F1 HY

Plant habit	: Determinate
Fruit color	: Deep red
Fruit shape	: Flat round
Average fruit weight	: 80-100 gm
Fruit firmness	: Good
USPs	: Early maturity, good tolerance to lcv, wide adaptability



## INDO US RAKHI OP

Plant habit	: Determinate
Seed rate	: 250-300 gm/ha
Sowing period	: Kharif in june and rabi in october to november
Fruit shape	: Round
Average fruit weight	: 80-100 gm
Maturing by	: 60-70 days after transplanting
USPs	: Wide adaptability, suitable for rainy season



## INDO US RICHNESS F1 HY

Plant type	: Determinate
Fruit shape	: Round
Fruit colour	: Red with green shoulder
Avg. fruit weight	: 70-80 gm
Seed rate	: 100 gm per acre
Spacing	: 75 x 60 or 60 x 60 cm
Firmness	: Medium



## INDO US SHAHO F1 HY

Plant type	: Determinate
Fruit shape	: Flat round
Firmness	: Excellent
Days to transplanting	: 22-25 days aftersowing
Fruit colour	: Attractive red
Avg. fruit weight	: 90-110 gms
Seed rate	: 50-60gm/acre
Days to maturity	: 60-72 days after transplanting
Average yield	: 280-350 qtl/acre

# WATERMELON



## INDO US 9945

Fruit weight	: 10-12 kg
Days to maturity	: 85-90 days after sowing
Fruit shape	: Oval
Fruit colour /skin	: Green with dark green strip
Remarks	: Excellent quality, vigorous plants protects against sunburn good resistance to fusarium & anthracnose



## INDO US 9999 F1 HY

Fruit weight	: 7-8 kg
Days to maturity	: 80-85 days after sowing
Harvest in	: 36-38 days after first flowering
Fruit shape	: oblong fruit in light green with dark green strips
Skin thickness	: 1.2 cm
Major USPs	: Vigorous plant, good for transportation, tolerance to antracnose, drought and wet condition



## INDO US RASIKA F1 HY

Fruit weight	: 2.3 - 3.5 kg
Days to maturity	: 45 days after flowering
Fruit shape	: Oblong
Fruit colour /skin	: Dark black outside with red & juicy flesh
Remarks	: Extra sweet and crisp flesh & good for transportation

# WATERMELON



## INDO US RASIKA 20 F1 HY

Fruit weight	: 2.5-3.9 kg
Days to maturity	: 42 days after flowering
Fruit shape	: Oblong
Fruit colour /skin	: Dark black outside with red & juicy flesh
Remarks	: Extra sweet and crisp flesh & good for transportation



## INDO US ROUND BABY F1 HY

Fruit weight	: 8-10 kg
Fruit shape	: Round
Fruit colour /skin	: Attractive black, food shipping
Days to maturity	: 90-110 days after sowing
TSS	: 12 to 12.5 %
Remarks	: Very high yielding hybrid very sweet flesh suitable for long distance transportations



# MUSK MELON



## INDO US 09 F1 HY

Fruit shape	: Round to oval
Netting	: Excellent
Average fruit weight	: 1.5 to 1.8 kg
Cavity	: Small tight
Rind colour	: Yellow netted
Flesh colour	: Yellowish orange
USPs	: Very good shipping quality tolerance to fom-1 wide adaptability



## INDO US GOLD 999 F1 HY

Fruit shape	: Round to oval
Flesh colour	: Orange
Average Fruit Weight	: 1.5 to 2.0 kg
Cavity	: Small tight
Type	: Cantaloupe
Days to maturity	: 85-90 days
USPs	: An excellent high yielding hybrid wide adoptability very good keeping quality good resistance to fom-1

# OKRA



## INDO US 09 F1 HY

Plant height	: 105-115 cm
Fruit Shape	: Long
Fruit colour	: Dark green
Seed rate	: 10-12 kg/ha.
Days to 50 % flowering	: 38-40 days
1st picking	: 45-50 days after sowing
Fruit shape	: Very high tolerance to ymvv, very tender and less fiber.



## INDO US 99 F1 HY

Plant habit	: Bushy strong stem
Fruit length	: 10 – 12 cm
Height resistance	: YVMV
Fruit colour	: Dark green



## INDO US 999 F1 HY

Plant habit	: Bushy plant, broad leaves
Avg. fruit length	: 11-14 (cm)
No of ridges	: 5
Fruit color	: Dark green
First fruit harvest	: 45-50 days
Tolerance to YVMV	: Very high

# OKRA



## INDO US 9999 F1 HY

Plant habit	: Bushy plant, broad leaves
Av. fruit length	: 12-15 cm
Fruit diameter	: 1.5-1.7 cm
No of ridges	: 5
Fruit colour	: Dark green
First fruit harvest	: 45-50 days
Tolerance to YVMV	: Very high



## INDO US SUNGOLD OP

Plant habit	: Bushy strong stem
Seed rate	: 10-12 kg/ha
Days to 50 % flowering	: 30-35
1st picking	: 50-55 days after sowing
Fruit colour	: Green
Fruit shape	: Long



## INDO US SUNGREEN OP

Plant habit	: 105-120 (cm)
Seed rate	: 10 kg/ha
Days to 50 % flowering	: 30-35
1st picking	: 45-50 days after sowing
Fruit colour	: Green
Fruit shape	: Long

# RIDGEGOURD



## INDO US 216 F1 HY

Fruit shape	: Straight
Avg. fruit weight	: 110-120 gm
Avg. fruit length	: 25-30 cm
Days of maturity	: 120-125 days
Sowing period	: Kharif: june to july, summer: jan to feb
Spacing	: With support 180-200x60cm , without support 100-120x60cm
Seed rate	: 500-700 gm per acre



## INDO US 999 F1 HY

Seed rate	: 500-700 gm per acre
Spacing	: with support 180-200x60cm , without support 100-120x60cm
Sowing period	: Kharif: june to july, summer: january to february
Days of maturity	: 110-120 days
Avg. fruit length	: 40-45 cm
Avg. fruit weight	: 200-250 gm
Fruit shape	: Straight



## INDO US RAVINA F1 HY

Fruit shape	: Straight
Avg. fruit weight	: 200-250 gm
Avg. fruit length	: 40-45 cm
Days of maturity	: 110-120 days
Sowing period	: Kharif: june to july, summer: jan to feb
Spacing	: With support 180-200x60cm , without support 100-120x60cm
Seed rate	: 500-700 gm per acre

# SPONGE GOURD ASHGOURD



## INDO US 900 F1 HY

Fruit shape	: Cylindrical and smooth
Fruit colour	: Dark green
Fruit weight	: Appox 100-125 gm
Fruit diameter	: 3-5 cm
Fruit length	: 32-34 cm
Days to 1st harvest	: 42-55 days
USPs	: Very good shipping quality tolerance to fom-1 wide adaptability



## INDO US SHIVA OP

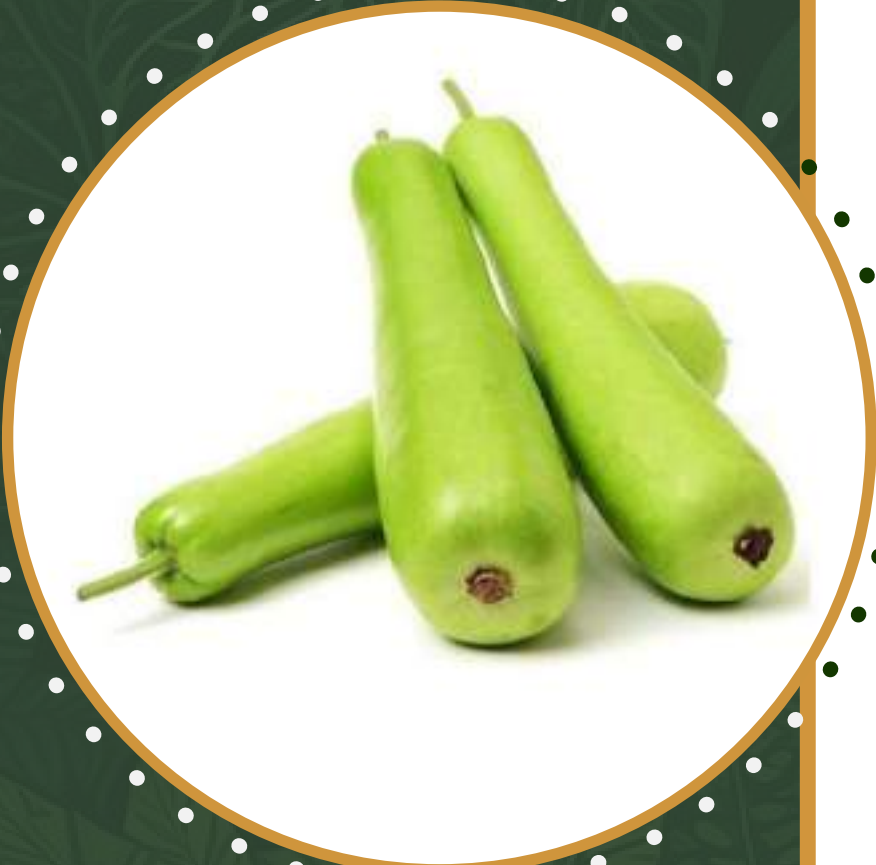
Fruit shape	: Cylindrical and smooth
Fruit colour	: Green
Fruit weight	: Appox 100-125 gm
Fruit diameter	: 4-5 cm
Fruit length	: 20-28 cm
Days to 1st harvest	: 55 days after sowing



## INDO US 9999 F1 HY

Plant habit	: Creeping, Vigorous Vines
Fruit shape	: Oval
Fruit color	: Light green and white powder
Fruit flesh	: Cream white
Fruit weight	: 5-7 kg
Days of maturity	: 70-75 days

# BOTTLE GOURD



## INDO US RICHMAN F1 HY

Fruit shape	: Cylindrical
Fruit colour	: Light green
Days of maturity	: 65-70 days
Seed rate	: 2.0 kg/ha



## INDO US 117 F1 HY

Fruit colour	: Shiny green
Fruit length	: 30-35 cm
Fruit weight	: 650-700 gm
Seed rate	: 600-800 gm per acre
USPs	: Extra early maturity higher yield and uniform fruiting good tolerance for disease



## INDO US 999 F1 HY

Plant type	: Vigorous vines
Fruit shape	: Cylindrical
Days of maturity	: 70-72 days
Fruit colour	: Light green
Fruit length	: 35-40 cm
Fruit weight	: 1.2-1.4 kg
Remarks	: High yielder wider adaptability

# BITTER GOURD



## INDO US 315 F1 HY

Fruit color	: Dark Green
Fruit shape	: Medium length thick with pointed spines
Fruit length	: 16-20 cm
1st picking	: 55-60 days after sowing
Days of maturity	: 110-120 days



## INDO US SUMMER LONG

Fruit color	: Attractive light green
Fruit shape	: Medium spiny
Fruit length	: 30-35 cm
1st picking	: 60-65 days after sowing
Days of maturity	: 105-115 days



## INDO US RUDRAKSHA F1 HY

Fruit color	: Light green
Fruit shape	: Medium length thick with pointed spines
Fruit Length	: 20-22 cm
1st Picking	: 55-60 days after sowing
Days of maturity	: 110-120 days



## INDO US CHU CHU F1 HY

Fruit color	: Dark green
Fruit shape	: Spindle
Fruit length	: 4-5 cm
Avg. fruit weight	: 30-50 gm
1st picking	: 50-55 days after sowing
Days of maturity	: 100-110 days
USPs	: Disease free, early maturity

# RADISH



## INDO US M POWER

Fruit colour	: White
Fruit weight	: 75-85 (gm)
Days of maturity	: 60 Days after sowing
Spacing	: 5x20
Seed rate	: 10 kg/ha
Season	: Kharif & Rabi
USPs	: Crishpi high yielder



## INDO US CORUMBA

Fruit colour	: White
Fruit weight	: 150-200 gm
Fruit length	: 35-40 cm
Fruit diameter	: 4-5 cm
Days of maturity	: 60 Days after sowing
Spacing	: 5x20 cm
Seed rate	: 10 kg/ha
Season	: Kharif & Rabi
USPs	: Uniform early maturity solid, tender, smooth glossy white roots



## INDO US JOSH

Days of maturity	: 60 Days from sowing
Seed rate	: 10 kg/ha
Spacing	: 5x20 cm
Root weight	: 80-100 (gm)
Root colour	: Milky white
Fruit shape	: White
Season	: Kharif & Rabi
USPs	: Crishpi high yielder



# CARROT



## INDO US KESHAR F1 HY

Root size	: Long
Type	: Nantes
Root colour	: Red
Seed rate	: 5-10 kg/acre
Days of maturity	: Mid early



## INDO US ROSSA F1 HY

Root colour	: Deep orange
Type	: Nantes
Root length	: 19-21 cm
Days of maturity	: Mid late
Diameter	: 5-6 cm
Sowing time	: Spring & Autumn
USPs	: Highly tolerance to blight



## INDO US SORATH RED

Root size	: Long
Root colour	: Dark red
Seed rate	: 5-10 kg
Days of maturity	: 100-110 days

# BEEET ROOT



## INDO US SWETA

Fruit Shape	: Oval
Fruit Color	: Pinkish red
Seed rate	: 5-10 kg/ha
Sowing time	: 50-55 days
Root weight	: 100-150 g



## INDO US JAHANVI

Fruit colour	: Dark red
Fruit shape	: Oval
Seed rate	: 6-8 kg/ha
Harvesting	: 55-60 days
Root weight (g)	: 120-160 gm

# BRINJAL



## INDO US SHIVLAHERI F1 HY

Fruit shape	: Long cylindrical
Fruit colour	: Dark purple with green strips
Fruit weight	: 80-120 gm
Seed rate	: 150-250 gm/acre
1st picking	: 65-70 days after transplanting
Thorns	: Thornless
Season	: Kharif, Rabi & Summer



## INDO US 999 F1 HY

Fruit shape	: Oval
Fruit Colour	: Glossy purple
Fruit weight	: 150-200 gm
Days of maturity	: 65 days after transplanting
Sowing time	: Kharif, Rabi



## INDO US SURATI F1 HY

Fruit shape	: Oval
Fruit Colour	: Light green
Fruit weight	: 50-70 gm
Seed rate	: 150-200 gm/acre
1st picking	: 60-65 days after transplanting

# BRINJAL



## INDO US GREEN BALL

Fruit shape	: Small oval
Fruit colour	: Light green
Fruit weight	: 50-70 gm
Thorns	: Thorny
Spacing	: 45-60 x 60-75 cm
Seed rate	: 150-200 gms
1st picking	: 60-65 days transplanting
USPs	: Suitable for rabi and spring planting, good cluster bearing, high yielder



## INDO US RAJANI F1 HY

1st picking	: 75 days after transplanting
Fruit shape	: Small oval
Fruit colour	: Green with mild strips
Fruit weight	: 70-100 gms
Season	: Kharif, rabi and mild summer
Thorns	: Thornless
Remarks	: It is green-fruited hybrid, medium late bearing & very vigorous



## INDO US 99 F1 HY

Plant habit	: Tall spreading
Fruit colour	: Purple
Fruit shape	: Oval
Fruit size	: 170-210 gm
Maturity	: Early
Feature	: Early maturing, spineless hybrid
Season	: Kharif & Rabi



## INDO US 522 F1 HY

Plant habit	: Tall, semi spreading
Seed rate	: 100-125 gm per acre
Fruit weight	: 80-90 gm
Fruit colour	: Purple variegated
USPs	: High yielder, good tolerance to sucking pests

# CABBAGE



## INDO US 999 F1 HY

Single weight	: 1.5 to 2 kg
Suitable temperature	: 15-25 degree in ball from stage
Days of maturity	: 60 days after transplant
Head colour	: Dark green



## INDO US ELEGATE F1 HY

Plant habit	: Vigorous medium size
Head shape	: Round
Head colour	: Light green
Head weight	: 1-1.5 kg
Days of maturity	: 60-65 days after transplant (Early)
USPs	: Excellent plant appearance, very compact good tolerance to black rot



## INDO US INDRA F1 HY

Seed rate	: 300-400 gm/acre
Compactness	: Very compact with green leaves
Standing ability	: 30 days after maturity
Days of maturity	: 65-70 days after transplant
Head weight	: 1-1.2 kg
Head shape	: Round with less leaves
Sowing time	: Kharif, rabi & mid summer
USPs	: Suitable for long distance market

# CAULIFLOWER BROCCOLI



## INDO US 900 F1 HY

Plant habit	: Erect
Leaf color	: Green
Curd color	: White
Curd shape	: Dome
Compactness	: Very compact
Days of maturity	: 65-70 days
Avg. curd weight	: 900-1000 gm



## INDO US SNOW

Days of maturity	: 60 TO 70 days from showing
Plant habit	: Erect
Leaf colour	: Green
Curd colour	: Creamy white
Curd shape	: Dome
Avg curd weight	: 800-900 gm



## INDO US RENZO F1 HY

Fruit shape	: Very tender dome shaped
Fruit weight	: 550 to 650 gm
Flesh	: Fresh green beads
Days of maturity	: 58-60 days
Plant type	: Semi-erect
Yield	: 7-8 tons/acre

# COWPEA



## INDO US INDU

Seed colour	: Milky white
Fruit colour	: Light green
1st harvest	: 48-50 days.
Legume Length	: 12-15 cm
Legume diameter	: 5 mm
Plant height	: 90-94 cm
Numbers of branches in plant	: 10
Season	: Jan. to July



## INDO US MALLIKA

Plant height	: 80-90 cm
Pod color	: Light green
Pod length	: 30-35 cm
Seed color	: Pinkeye colour
Spacing	: 45x15 cm
First harvesting	: 55-60 days
Season	: Summer and rabi

# BEANS



## INDO US ROSHNI F1 HY

Plant type	: Bushy
Days for first picking	: 45-50 days
Shelf life	: 8-10 days
Pod colour	: Dark green
Fruit length	: 12-15 cm



## INDO US ROSY F1 HY

Plant type	: Strong and bushy
Days for first picking	: 40-45 days
Shelf life	: 7-8 days
Pod colour	: Bright green
Pod length	: 13-15 cm
Days of maturity	: 45-50 days after sowing



# CUCUMBER



### INDO US MEGHA F1 HY

- Fruit length : 18 to 20 cm
- Fruit colour : Light green with white strips
- Fruit wt : 100-120 gm
- Spacing : 150 x 160 cm
- Seed rate : 300-350 gm per acre
- USPs : High yielding, vigorous plant growth  
bitter free, good for long distance transportation



### INDO US PRIYA OP

- Fruit shape : Cylindrical
- Fruit colour : Whitish green
- Fruit weight : 100-150 gm
- Fruit Length : 20-22 cm
- Spacing : 30x150
- Seed rate : 750-900 gms/acre
- 1st picking : 35-40 days after transplanting



### INDO US PRIYA STAR OP

- First picking : 50-55 days after sowing
- Fruit length : 15-25 cm
- Fruit shape : Elongated
- Fruit color : Light green
- Fruit weight : 150-200 gm
- Swing season: Kharif in july & summer in feb

# GREEN AMARANTHUS RED AMARANTHUS



## INDO US IMMUNITY BUSTER

Plant	: Soft stem with green leaf
Plant type	: Vigorous growth and early variety
Days of harvesting	: 35-40 days after seed sowing
Quality	: Testy, leafy vegetable, suitable for inter crop
Season	: Rabi
Seed rate	: 0.8-1 kg/acre



## INDO US E BOOSTER

Plant	: Soft stem with red leaf
Plant type	: Vigorous growth and early variety
Days of harvesting	: 30-35 days after seed sowing
Quality	: Testy, leafy vegetable, suitable for inter crop
Season	: Rabi
Seed rate	: 0.8-1 kg/acre

# CORIANDEr



## INDO US 333 SPLIT

Plant height	: Spreading
No. of branches /plant	: 40-45
Aroma	: Good fragrance
First harvesting	: 40-45 days
USPs	: Nice aroma, board leaves and multipal color



## INDO US 333

Plant height	: 105-107 cm
Tillering habbit	: Profuse
1000 seeds weight	: 50-52 gm
Days of maturity	: 100-105 days after sowing
Seeds size	: Bold
USPs	: Terminal heat tolerant suitable for both early & late sowing

# FENUGREEK



## INDO US GOLD

Plant foliage	: Bushy and light green
Steam colore	: Green very soft
Growth habit	: Profuse branching & erect
Leaf color	: Green tender
First cutting	: 32-38 days after sowing
Keeping quality	: Good
USPs	: Suitable for fresh leaf use & Seed purpose



## INDO US JOY 99

Plant foliage	: Bushy and light green
Steam colore	: Green very soft
Growth habit	: Profuse branching & erect
Leaf color	: Green tender
First cutting	: 30-35 days after sowing
Ups	: Suitable for fresh leaf use

# SPINACH PEA



## INDO US R GREEN

Growing habit	: Vigorous growing
Leaves	: Broad leaves
No of cutting	: 3-4 cutting
Days to 1st cutting	: 35-40 days after sowing



## INDO US ALIX

Plant type	: Semi determinate
Seeds per pods	: 12
First picking	: 60-65 days after sowing
No of pickings	: 3-4
Pod size	: 8-10 cm
Seed colour	: Green
Ups	: High yielding, powdery mildew tolerance

# PUMPKIN SWEET CORN



## INDO US 9945 F1 HY

Fruit shape	: Flat round
Fruit color	: Green with white dots
Fruit weight	: 4-5 Kg
Days of maturity	: 85-90 Days after sowing
Sowing time	: Kharif in july and summer in january to february



## INDO US HONEY

Plant height	: 160-180 (cm)
Ear length	: 20-25 cm
Ear diameter	: 3-5 cm
Days of 50% silking	: 50-55 Days
Cob color	: Golden yellow
Seed rate	: 2-2.5 kg/acre
Sowing time	: Kharif and rabi
Harvesting	: Mature yellow cob after 80-85 days

# ONION



Hybrid Onion seeds



## INDO US ROYAL RED

Bulb shape	: Flat oval
Bulb colour	: Dark red
Bulb weight	: 90-100 gm
Sowing time	: Kharif & Hot weather
Days of maturity	: 100-110 days
USPs	: An excellent selection of nasik red type with uniform colour Good for storage purpose



## INDO US PREMA-999

Days of maturity	: 100-110 days
Bulb weight	: 100-120 gm
Bulb colour	: Light red
Sowing time	: Rabi
Shape	: Flatish globe
Usps	: Good for storage purpose



## INDO US RANI

Days of maturity	: 110-125 days
Bulb weight	: 90-100 gm
Bulb colour	: Light red
Sowing time	: Rabi
Shape	: Round
Usps	: Good for storage purpose

# ONION



Hybrid Onion seeds



## INDO US WHITE 333 B

Days of maturity	: 100-110 days
Bulb Weight	: 80-100 gm
Bulb colour	: White
Sowing time	: Suitable for all season
Shape	: Round
USPs	: Suitable for dried onion Good for storage purpose



## INDO US BHIMA SUPER

Bulb Shape	: Round
Bulb colour	: Red
Days of maturity	: 100-105 days after transplanting
Average yield	: 200-220 Qtl/ha in kharif 400-450 Qtl/ha in late kharif
Sowing time	: Kharif and late kharif



## INDO US BHIMA RED

Bulb Shape	: Round with tapering neck
Bulb colour	: Dark red
Days of maturity	: 105-110 days after transplanting in kharif 110-120 days after transplanting in rabi
average bulb weight:	: 110-120 gm
Average yield	: 190-210 Qtl/ha in kharif 480-520 Qtl/ha in late kharif 300-320 Qtl/ha in rabi
Sowing time	: Kharif and rabi
USPs	: Good for storage purpose



# ONION



Hybrid Onion seeds



## INDO US MAHUVA RED

Bulb weight	: 180-210 gm
Diameter	: 10-12 cm
Shape	: Round
Days of maturity	: 95-105 days
Bulb colour	: Dark red
Sowing time	: Rabi



## INDO US RICHLAND F1 HY

Bulb weight	: 100-150 gm
Suitable planted in	: 8-10 cm
Shape	: Round
USPs	: Good storage quality Uniform shape and size



## INDO US MR 9N9 S

Days of maturity	: 110-125 days
Bulb weight	: 150-170 gm
Bulb colour	: Dark Red
Sowing time	: Rabi
Shape	: Round
USPs	: Good for storage purpose



## INDO US WHITE -333

Days of maturity	: 100-110 days
Bulb weight	: 80-100 gm
Bulb colour	: White
Sowing time	: Suitable for all seasons
Shape	: Round
USPs	: Suitable for dried onion Good for storage purpose

# GREEN GRAM



## INDO US EAGLE

Plant height	: 50-60 cm
Number of branches /plant :	8
Days to 50 % flowering	: 35-40 days
Days of maturity	: 55-65
100 seed weight	: 3.6 gm
Seed colour	: Green



## INDO US PROTO

Plant height	: 50-60 cm
Number of branches /plant :	7-8
Days to 50 % flowering	: 35-40
Days of maturity	: 55-60 days
100 seed weight	: 4.2 gm
Seed colour	: Shining green medium



## INDO US KING

Plant height	: 55-60 (cm)
Number of branches /plant :	8
Days to 50 % flowering	: 45-50
Days of maturity	: 65-70 days
100 seed weight	: 3.3-3.7 (gm)
Seed colour	: Green

# BLACK GRAM



## INDO US INDRA

Plant height	: 35-40 cm
Number of branches /plant	: 8
Days to 50% flowering	: 45-50 days
Days of maturity	: 70-80 days
100 seed weight	: 2.9-3.6 gm
Seed colour	: Black



## INDO US RAJVI 11

Plant height	: 35-40 cm
Number of branches /plant	: 4
Days to 50% flowering	: 30-35 days
Days of maturity	: 70-80 days
100 seed weight	: 3.86 gm
Seed colour	: Black



## INDO US RAJVI

Plant height	: 30-40 cm
Number of branches /plant	: 4
Days to 50% flowering	: 42 days
Days of maturity	: 75-80 days
100 seed weight	: 3.2 gm
Seed colour	: Black

# CUMIN



## INDO US 999

Plant height	: 25-28 cm
Seed Rate	: 10-12 kg/ha
Days to 50 % flowering	: 50-52
Days of maturity	: 95-100 days
100 seed weight	: 0.5-0.6 g
Seed colour	: Light brown



## INDO US RAJESHWARI

Plant height	: 20-23 cm
Seed rate	: 10-12 kg/ha
Days to 50 % flowering	: 48-50
Days of maturity	: 110-115 days
100 seed weight	: 0.5-0.7 g
Seed colour	: Light brown



## INDO US RAVIRAJ

Plant height	: 25-28 cm
Days to 50 % flowering	: 50-52
Days of maturity	: 95-100 days
100 seed weight	: 0.7-0.8 g
Seed colour	: Light brown

# CUMIN



## INDO US 9999

Plant height	: 28-30 cm
Seed Rate	: 10-12 kg/ha
Days to 50% flowering	: 48-50
Days of maturity	: 95-100 days
100 seed weight	: 0.6-0.8 gm
Seed colour	: Light brown



## INDO US 99

Plant height	: 20-23 cm
Seed rate	: 10-15 kg/ha
50% flowering	: 50-55
Days of maturity	: 110-115 days
100 seed weight	: 0.3-0.4 g
Seed colour	: Light brown



## INDO US 4

Plant height	: 30-35 cm
Seed rate	: 10-12 kg/ha
50% flowering	: 45-55 days
Days of maturity	: 85-95 days
100 seed weight	: 0.3-0.5 g
Seed colour	: Light brown

# MUSTARD



## INDO US 21

Plant height	: 150-160 (cm)
Seed rate	: 10-12 kg/ha
Days to 50 % flowering	: 56-65
Days of maturity	: 100-115 days
Spacing	: 45x10 cm To 45x15 cm
Seed colour	: Dark brown
Oil %	: 38-40 %



## INDO US 4545 F1 HY

Plant height	: 160-180 cm
Seed rate	: 1-1.5 kg/acre
Days to 50 % flowering	: 56-65
Days of maturity	: 110-125 days
Spacing	: 45x10 cm To 45x15 cm
Seed colour	: Dark brown
Oil %	: 40-42 %

# CAROM ISABGOL



## INDO US ARJUN

Plant height	: 90-100 cm
Leaf size	: 2.5 cm
Seed colour	: Pale brown
Days of maturity	: 160-170 days
Oil %	: 3 to 4%
Average yield	: 13-15 q/ha



## INDO US RUTUPRIYA

Plant height	: 20-25 cm
Seed rate	: 4 kg/ha
Seed shape	: Boat
Days to 50 % flowering	: 55-60
Days of maturity	: 105-110 days
100 seed weight	: 0.35 gm
Seed colour	: Pinkish red
Sowing time	: Nov. to Dec.

# FENNEL



## INDO US ROVER F1 HY.

Plant type	: Open and vigorous plant
Plant Height	: 135 to 140 cm
Days of Maturity	: 145 to 155 days
No. of umbels/plant	: 15-18
No. of sub umbels/umbel	: 26-28
No. Of Seeds/sub Umble	: 24-28
Sowing time :	: Rabi (sept. to oct.)



## INDO US IVAN

Plant type	: Vigorous
Plant Height	: 150 to 160 cm
Days of Maturity	: 170 to 190 days
Diameter of umble	: 18-20 cm
No. of umbels/plant	: 16-20
No. of sub umbels/umbel	: 22-25
No. Of Seeds/sub Umble	: 23-26



## INDO US KRISH

Plant height	: 165-170 cm
Days of Maturity	: 170-190 days
No. of primary branches	: 8 to 10
No. of secondary branches	: 15 to 17
No. of umbels/plant	: 18-20
No. of sub umbels/umbel	: 20-22
No. Of Seeds/sub Umble	: 22-25



# SESAMUM



## INDO US 999

Plant height	: 95-105 cm
Seed rate	: 3-4 kg/ha
Days to 50 % flowering	: 45-50
Days of maturity	: 90-95 days
100 seed weight	: 3.7 gm
Seed colour	: Creamy White
Oil %	: 51-52 %



## INDO US 99

Plant height	: 90-95 cm
Seed rate	: 4.5 Kg/ha
Days to 50 % flowering	: 40-45 days
Days of maturity	: 75-85 days
100 seed weight	: 3.6 gm
Seed colour	: White
Oil %	: 50-51%



## INDO US 9

Plant height	: 90-95 cm
Seed rate	: 3-4 kg/ha
Days to 50 % flowering	: 40-45 days
Days of maturity	: 80-90 days
100 seed weight	: 3.0-3.3 gm
Seed colour	: White
Oil %	: 49%

# SESAMUM



## INDO US 05

Plant height	: 90-95 cm
Seed rate	: 3-4 kg/ha
Days to 50 % flowering	: 40-50 days
Days of maturity	: 60-65 days
100 seed weight	: 2.3-2.8 gm
Seed colour	: White
Oil %	: 50.5%



## INDO US SWASTIK -99

Plant height	: 110-120 cm
Seed rate	: 2-3 kg/ha
Days to 50 % flowering	: 45-50
Days of maturity	: 90-95 days
100 seed weight	: 2.8-3.2 gm gm
Seed colour	: Milky white
Oil %	: 40-43%

# BAJRA



## INDO US 99 M 99 F1 HY

Plant height	: 190-220 cm
Leaf size & colour	: Medium and dark green
Stem thickness	: Sturdier & thick
Days to 50 % flowering	: 48-52 days
Ear head shape	: Cylindrical with tapered tip
Seed shape	: Round
Days of maturity	: 75-80 days
Glumes colour	: Non-Pigmented
Thresh ability	: Freely threshable



## INDO US 9918 F1 HY

Plant height	: 170-180 cm
Leaf size & colour	: Medium and green
Days to 50 % Flowering	: 50-52 days
Days of maturity	: 75-80 days
Ear head shape	: Cylindrical with tapered tip
Ear head type	: Semi compact
Reaction to diseases	: Moderate tolerant to downy mildew
Seed shape	: Globular
Head exertion	: Complete
Glumes colour	: Non-Pigmented



## INDO US 9999 F1 HY

Plant height	: 180-210 cm
Leaf size & colour	: Medium and dark green
Stem thickness	: Sturdier & Thick
Days to 50 % flowering	: 52-55 days
Ear head shape	: Cylindrical with tapered tip
Seed shape	: Round
Days of maturity	: 80-82 days
Glumes colour	: Non-Pigmented
Stem thickness	: Sturdier & Thick
Thresh ability	: Freely threshable



## INDO US 99

Days of maturity	: 100-110 days after sowing
Growth habit	: Semi erect
Plant Height	: 76-90 cm
Colour of foliage	: Deep green and pale green hairicle
Ear shape	: Oblong dense
Seed shape	: Oblong
Yield	: 45 to 47 qtl/ha



## INDO US RESHAM

Plant height	: 80-85 cm
Seed rate	: 100-125 kg/ha
Days to 50% flowering	: 50-60 days after sowing
Days of maturity	: 105-112 days after sowing
Seeds colour	: 40-42 gm
USPs	: Non lodging, Water stress resitant & resistant to rust



## INDO US SURAKSHA

Days of maturity	: 110-115 days after sowing
Growth habit	: Semi erect
Plant Height	: 85-87 cm
Colour of foliage	: Greenligulate, Auricles purple and hairy
Ear shape	: Oblong medium dense
Seed shape	: Oblong
Yield	: 44 to 45 qtl/ha



## INDO US 999

Plant height	: 102-105 cm
Days of maturity	: 102-105 days after sowing
Tillering hannit	: Profuse
1000 seeds weight	: 52-55 gm
Period of spike emergence	: 75-80 days after sowing
Seed size	: Bold

# MAIZE



## INDO US 9999

Days of maturity	: 102-108 days
Plant height	: 240-250 cm
Grain colour	: Orange yellow
No. of row per cob	: 14-16
No. of grain/row	: 38-42
Suitable Season	: Kharif
Shank colour	: White
USPs	: Drought tolerance



## INDO US 9981

Plant height	: 200-210 cm
Leaf colour	: Green
Leaf width	: Big
Days to 50 % anthesis	: 60
No. of grain/row	: 38-42
Maturity period	: 100-120 days
Shank colour	: White
Reaction to major diseases	: Good tolerant to blights.



## INDO US 9927

Time of sowing	: Oct. to November
Seed rate	: 40-42 kg/ha
Leaf colour	: Green
Grain colour	: Milky white
Cob size	: 20-22 cm
Maturity of days	: Kharif 95-100 to Rabi 110-115 days
Kernels	: White semi flint kernels
Plant	: Tall, Non lodging
USPs	: Tolerant to leaf blight high yield potential under irrigated condition



## INDO US PHM 3

Cob shape	: Cylindrical medium
Days to maturity	: Early
Type of grain	: Semi flint
Plant height	: Long
Yield	: 40 qti/ha



### INDO US DMRH-1308

Days of maturity	: 102-108 days
Duration	: 130-150 Days after sowing
Plant Height	: Medium
Grain Colour	: Attractive yellow
Grain Type	: Semi Flint
Disease/pest tolerancy	: Tolerant
Yield	: 90-105qtl/ha



### INDO US DMRH 1301

Sowing Season	: For early and late rabi season only
Duration	: 125-140 Days after soeing
Plant Height	: Medium
Grain type	: Semi flint
Disease/pest tolerancy	: Tolerant
Yield	: 80-100qtl/ha



### INDO US PHM 6

Day to 50% tasseling	: 50-52 days
Day to 50% silking	: 52-56 days
Days to maturity	: 88-90 days
Pollen Shedding	: Good
Seed colour	: Yellow
Cob Shape	: Conical cylindrical
Seed yield	: 2565 kg/ha
Plant height	: 155-160 cm
Cob placement	: Medium



### INDO US HQPM 1

Days to maturity	: 100-110 days
Seed rate per acre	: 8-10 kg/acre
Grain type	: Yellow and flint
Cob length	: 180-220 mm
Grain yield	: 60 to 70 qtl/ha
USPs	: High lysine and tryptophan



## INDO US 999 BG II

Days to first flowering :	42-45 days
Maturity	: 150-155 days
Plant height	: Medium tall
Plant habit/type	: Open, semi-com.
No. of monopodia	: 2-3
No. of sympodia	: 23-24
Leaf hairs	: Moderately hairy
Petal colour	: Yellow
Anther/pollen colour	: Cream
Boll weight (g)	: 5.0
Ginning (%)	: 36



## INDO US 99999 PLUS BG II

Days to first flowering :	55-60 days
Days of Maturity	: 160-180 days
Plant height	: Medium tall
Plant habit/type	: semi-Spreading
Leaf hairs	: Medium
Plant colour	: Yellow
Anther/Pollen Color	: Cream
No. of Seeds per ball	: 35-40
Boll Shape	: Ovet
Boll Weight	: 5.0 to 5.5 gm
Ginning (%)	: 30-35 %
Sucking Pest	: Tolerant



## INDO US 955 BG II

Days to first flowering :	43-45 days
Days of Maturity	: 145-150 days
Plant habit/type	: semi-Spreading
Leaf hairs	: Medium
Boll colour	: Green
Anther/Pollen Color	: Yellow
Boll Shape	: Round
Boll Weight	: Medium
Ginning (%)	: Medium



## INDO US 936 BG II

Days to first flowering	: 42-48 days
Maturity	: 155-160 days
Plant height	: Medium tall
Plant habit/type	: Semi spreaditig
No. of monopodia	: 1-2
No. of sympodia	: 22-24
Leaf hairs	: Medium
Petal colour	: Yellow
Anther/pollen colour	: Yellow
Reaction to sucking pests	: Tolerant



## INDO US 9999 BG II

Days to first flowering	: 42-45 days
Maturity	: 150-155 days
Plant height	: Medium tall
Plant habit/type	: Open, semi-com.
No. of monopodia	: 2-3
No. of sympodia	: 23-24
Leaf hairs	: Moderatly hairy
Petal colour	: Yellow
Anther/pollen colour	: Cream
Boll weight (g)	: 5.0
Ginning (%)	: 36



# GROUNDNUT



## INDO US TAG 37

Time of sowing	: May -July to Nov.-Feb.
Seed rate per acre	: 60-65 kg
Day of maturity	: 90 to 100 days
Leaf colour	: Green colour
Pod colour	: Light yellow colour
Grain colour	: Redish pink colour
Grain per pod	: 2 to 3 grain



## INDO US SB 11

Time of sowing	: May -July
Seed rate per acre	: 60-70 kg
Day of maturity	: 115 to 120 days
Leaf colour	: Green colour
Pod colour	: Light yellow colour
Grain colour	: Redish colour
Grain per pod	: 2 grain
Plant Height	: 20 to 25 inches
Yield per acre	: 1500 to 1700 kgs.
Oil	: 49 to 50%



## INDO US TAG 24

Type	: Semi-spreading
Maturity days	: 100-105 days
Pod Yield	: 12-14 quintal/acre
Oil Percentage	: 50.80%
Shelling Percentage	: 70-72%
Suitable Season	: Rabi/summer
Test Weight	: 35-38 gram
Seed Rate	: 62.5 kg/acre
Spacing	: 20-24 inches



Indo-US  
Agriseeds

# GROUNDNUT



## INDO US 999

Plant height	: 40-45 cm
Seed rate	: 80-100 kg/ha
Spacing	: Planting at distance cms of 30x10, 40x10
Days to 50% flowering:	35-40 days after sowing
Day of maturity	: 100-105 days after sowing
100 seed wt (gm)	: 43
Seed colour	: Rosy
Oil	: 48.9%



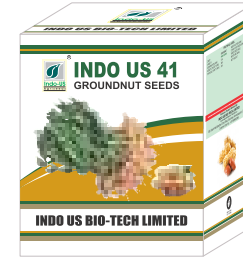
## INDO US REMBO

Plant height	: 32-36 cm
Seed rate	: 80-100 kg/ha
Spacing	: 30-45 cm apart between two rows.
Days to 50% flowering:	40-42 days after sowing
Day of maturity	: 90-100 days after sowing
100 seed wt (gm)	: 65
Seed colour	: Rosy
Oil	: 40%



## INDO US ROMA

Plant height	: 38-40 cm
Seed rate	: 80-100 kg/ha
Spacing	: 30-45 cm apart between two rows.
Days to 50% flowering:	45-50 days after sowing
Day of maturity	: 95-110 days after sowing
100 seed wt (gm)	: 44
Seed colour	: Rosy



## INDO US 41

Plant height	: 38-40 cm
Seed rate	: 80-100 kg/ha
Spacing	: Planting at distance of 30 cm
Days to 50% flowering:	35-40 days after sowing
Day of maturity	: 95-100 days after sowing
100 seed wt (gm)	: 39.5
Seed colour	: Rosy
Oil	: 47.8%



## INDO US ROSHNI

Plant height	: 30-35 cm
Seed rate	: 80-100 kg/ha
Spacing	: 30cm
Days to 50% flowering:	38-40 days after sowing
Day of maturity	: 95-105 days after sowing
100 seed wt (gm)	: 44 gm



## INDO US RASI(22)

Plant height	: 40-45 cm
Seed rate	: 80-100 kg/ha
Spacing	: 30-45 cm apart between two rows.
Days to 50% flowering:	45-50 days after sowing
Day of maturity	: 100-105 days after sowing
100 seed wt (gm)	: 32.05
Seed colour	: Rosy
Oil	: 48.6%

# GROUNDNUT



## INDO US GLORY

Plant height	: 35-40 cm
Seed rate	: 80-100 kg/ha
Spacing	: 60 cm apart between two rows
Days to 50% flowering:	38-40 days after sowing
Day of maturity	: 105-110 days after sowing
100 seed wt (gm)	: 44
Seed colour	: Rosy
Oil	: 48.2%



## INDO US REVTI

Plant height	: 35-40 cm
Seed rate	: 80-100 kg/ha
Spacing	: 60cm part between
Days to 50% flowering:	45-50 days after sowing
Day of maturity	: 100-110 days after sowing
100 seed wt	: 44 gm



## INDO US 88

Plant height	: 40-45 cm
Seed rate	: 80-100 kg/ha
Spacing	: Planting at distance of 30 cm.
Days to 50% flowering:	35-40 days after sowing
Day of maturity	: 95-100 days after sowing
100 seed wt (gm)	: 45.6
Seed colour	: Rosy
Oil	: 49.3%

# GRAM



## INDO US RAJSHAKTI

Plant habit	: Semi-erect
Spacing	: 16-18 inch
Seed rate	: 24-25 kg/acre
Seed colour	: Brown
Seed size	: Large
Days to maturity	: 98-100 days
Average yield	: 7-8 qtl/acre
USPs	: Moderately resistant to wilt.



## INDO US POOJA

Plant habit	: Tall
Spacing	: 20-22 inch
Seed rate	: 28-30 kg/acre
Seed colour	: Yellowish brown
Seed size	: Medium
Days to maturity	: 105-110 days
Average yield	: 7-8 qtl/acre, 9-10 qtl/acre
USPs	: Wilt resistant and suitable for mechanical harvesting



## INDO US WHITE GOLD

Time of sowing	: Oct. to Nov.
Seed rate per acre	: 40 to 50 kg.
Leaf colour	: Green colour
Grain per pod	: 1 grain
Plant height	: 24 to 30 inches
Day of maturity	: 90 to 100 days
Yield per acre	: 1000 to 1200 kg/acre



## INDO US TAKAT

Plant habit	: 120-125 cm
Plant type	: Semi erect
Lodging	: Non lodging
Panicle	: Semi compact
Maturity days	: 125-130 days
Grain type	: Bold slender
1000 Grain weight	: 21.2 gm
Grain yield	: 55-60qtl/acre
Aroma	: Non scented



## INDO US 369 F1 HY

Plant height	: 125-130 cm
Plant type	: Erect
Lodging	: Non lodging
Panicle	: Compact
Maturity days	: 115-120 days
Grain type	: Medium slender
1000 Grain weight	: 20 gm
Grain yield	: 65-70 qtl/acre
Aroma	: Scented



## INDO US RAKSHA

Plant height	: 105-110 cm
Grain type	: Long slender grain
Productive tillers	: 10-12/palnt
Panicle	: Long Compact
Grain/Panicle	: 250-300 nos./penicle
Stem	: Strong sturday stem
Maturity days	: 120-125 days
1000 Grain weight	: 20 gm
Grain yield	: 70-75 qtl/acre

# CASTOR



## INDO US SHIVA F1 HY

Days to 50% flowering	: 58-65 days after sowing
Spike shape	: Conical and compact
Days to first picking	: 112-117 days
100 seed wt	: 33 gm
Seed colour	: Dark brown
Stem colour	: Green
100 seeds weight	: 30-32 gm
Oil percentage	: 48-49%



## INDO US RAJMOTI F1 HY

Days to 50% flowering	: 60-65 days after sowing
Spike shape	: Semi compact
Days to first picking	: 118-122 days
Stem colour	: Light red/Mahogany
100 seed wt	: 31-33 gm
Seed colour	: Light brownish
Oil percentage	: 48-50%



AN ISO Certified Company

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