

Farmer's success is our success



**ProLine**  
SEEDS



Products Catalogue





# PROLINE SEEDS

## About us.....

Proline is renowned as a company that, over the decades, has exceeded the boundaries of performance. Keeping up with the latest technology and research has paid dividends over the years. It is Proline goal to produce new cultivars that will perform even better, for markets that span the globe. We are geared towards this, with a team of professional plant breeders and well equipped and strategically chosen research stations.

It is important to us at Proline to keep pace with the latest technology, but more important to constantly fulfill the changing requirements of our clients to ensure that they will continue to be successful in a dynamic industry.

### COMPANY PROFILE

Proline is a company with its origins deeply rooted in agriculture. It was founded in 1994.

In 1994, Proline initiated its hybrid maize breeding programme and began developing its own improved cultivars, specifically adapted to meet the needs of farmers in India. A few years later, it became the first private seed company in India to register a maize hybrid for the local market. Over the years many more PAN hybrids followed with demand exceeding all expectations and Proline grew rapidly to its current position as a regional market leader and global player.

### MARKETS

Since Proline early days when it only marketed maize seed, the company has come a long way. Today, in addition to its maize hybrids, Proline markets a range of seeds including sunflower, grain sorghum, forage sorghum, Pearl millet hybrids, wheat and a comprehensive range of grain and vegetable seeds. It is our objective to offer our customers a complete range of products to meet all their requirements. Proline customer base has also grown dramatically with the company now marketing seed worldwide.

### OUR VISION:

To be a leading world-class supplier of top quality seed.

### OUR MISSION:

To develop and supply superior cultivars and provide exceptional service to all our customers.



Hyderabad Processing Plant  
Capacity 80Mt/Day





### A RECORD OF EXCELLENCE

The success of Proline research effort is reflected in the ongoing release of new and highly competitive cultivars. A commitment to research throughout the years has enabled Proline to stay at the forefront in the development of improved products and technologies. The ongoing exchange of germplasm and technology with various international partners and institutions remains a vital component of our business strategy and one to which we attach great value.



Company R&D get the recognition by the Department of Scientific & Industrial Research (DSIR) Govt of INDIA.

In India, Proline has four modern, fully-equipped research stations, situated on some 50 Acres of land, as well as two winter locations. Proline research programme is well-established and growing. Sophisticated laboratory facilities, including pathology and biotechnology, are part of the research resources.

In the field of biotechnology, new techniques such as gene mapping, marker assisted breeding, and the incorporation of trait specific genes into plants, are continually being evaluated and incorporated in order to enhance our conventional breeding efforts. The incorporation of officially-released, licensed GM traits into superior cultivars is undertaken in terms of a policy which strictly adheres to the regulatory environment and customer needs in the various countries in which we operate – without compromising the needs of those customers requiring conventional cultivars.

Extensive evaluation of new cultivars is a pre-requisite for commercialisation and is undertaken by our own staff at our various company locations, as well as by a multitude of co-operators in the specific target markets.



# HYBRID MAIZE



Corn is among the top three cereals in the world and is a highly, industrialized crop, used in manufacture of over 60 products. Considering its global importance, corn research programme was designed to meet the variable market requirements. Proline Seeds have released thirteen commercially successful corn hybrids for different maturity segments.



# HYBRID MAIZE



## PSC 105 (Plus)

- ▶ Early Maturity Three way Cross Hybrid
- ▶ Maturity Period 80-90 Days
- ▶ Good Grain Quality.
- ▶ Suitable for Both Kharif and Rabi Season
- ▶ Good crop standibility.
- ▶ Yield Potential 7 Ton -8Ton/hectare.



## PSC 3322

- ▶ Medium Duration, Double Cross Hybrid
- ▶ Maturity Period 90-100 Days
- ▶ High Yield Potential
- ▶ Good Grain Quality & Test weight.
- ▶ Attractive Orange colour grain
- ▶ Good crop standibility.
- ▶ Suitable for both Kharif& Rabi season
- ▶ Yield Potential 8Ton-8.2Ton/hectare.

## PSC 3344

- ▶ Medium Duration , Double Cross Hybrid
- ▶ Maturity Period 90-95 Days.
- ▶ Widely adapted to Rainfed conditions.
- ▶ Bold Grain with excellent starch Quality
- ▶ Ideal for kharif season Planting (Drought Tolerant)
- ▶ Good crop standibility.
- ▶ Yield Potential 7.5Ton-8.2Ton/hectare.





# HYBRID MAIZE



## HP 100

- ▶ Excellent Double Cross, Full maturity Hybrid
- ▶ Maturity Period 95-105 Days.
- ▶ High Yield Potential.
- ▶ Excellent seeds setting with complete tip filling.
- ▶ Suitable for both irrigated & rainfed cultivation
- ▶ Suitable for Both Kharif & Rabi Season
- ▶ Good crop standability.
- ▶ Yield Potential 9 Ton-9.5 Ton/hectare.



## PSC 121 (White)

- ▶ A Medium Duration , Double Cross Hybrid
- ▶ A Maturity Period 90-100 Days.
- ▶ A Bold Grain Quality
- ▶ A Stay Green at Maturity.
- ▶ A Ideal for kharif season Planting (Drought Tolerant)
- ▶ A Good crop standability.
- ▶ A Yield Potential 8Ton-8.2Ton/hectare

## HP 111

- ▶ First hybrid to be sold in India on kernel count basis
- ▶ Can be grown at 80000 plants/ha (Plant to plant 15 cm Row to Row 60cm) High Density.
- ▶ Maturity Period 110-115 Days.
- ▶ Suitable for both irrigated & rainfed cultivation
- ▶ High shelling percentage resulting in high recovery of grains per cob
- ▶ Good crop standability.  
Yield Potential 10.5Ton-11Ton/hectare





# HYBRID MAIZE



## HP 222

- ▶ Excellent Single Cross Full Season Hybrid.
- ▶ Maturity Period 105-110 Days.
- ▶ Excellent Tip Filling.
- ▶ Stay green at Maturity.
- ▶ Suitable for both irrigated & rainfed cultivation.
- ▶ High shelling percentage resulting in high recovery of grains per cob.
- ▶ Good crop standability.
- ▶ Yield Potential 10Ton-10.5Ton/hectare



## PL 4145

- ▶ First true Spring corn hybrid launched in India
- ▶ Available on kernel count basis
- ▶ Ideal hybrid for sowing between 15 January & 15 March in North India
- ▶ Green cobs can be harvested by 70 days
- ▶ Complete Maturity in 105-110 days
- ▶ Can accommodate up to 80000 to 85000 plants/hectare
- ▶ Excellent cold tolerance in seedling stage
- ▶ Good heat tolerance at grain filling stage
- ▶ Ideal hybrid to grow after potato & tobacco.
- ▶ Yield Potential 9.5Ton-10Ton/hectare

## PL 4081

- ▶ Excellent Single Cross Full Season Hybrid.
- ▶ Maturity Period 115-125 Days.
- ▶ Excellent Tip Filling.
- ▶ Suitable for both irrigated & rainfed cultivation.
- ▶ High shelling percentage resulting in high recovery of grains per cob.
- ▶ Good crop standability.
- ▶ Yield Potential 11.5 Ton-12Ton /hectare





# HYBRID MAIZE



## PL 4508 *New*

- ▶ True Spring corn hybrid
- ▶ Ideal hybrid for sowing between 15 January & 15 March in North India
- ▶ Green cobs can be harvested by 70 days
- ▶ Complete Maturity in 105-110 days
- ▶ Can accommodate up to 80000 to 85000 plants/hectare
- ▶ Excellent cold tolerance in seedling stage
- ▶ Good heat tolerance at grain filling stage
- ▶ Ideal hybrid to grow after potato & tobacco.
- ▶ Yield Potential 10Ton-10.5Ton/hectare



## PL 722 *New*

- ▶ Rabi Hybrid
- ▶ 20-40% Double cob plant and high shelling percentage
- ▶ It has got very good grain storability
- ▶ Maturity Period 110-115 Days.
- ▶ Good crop standability.
- ▶ Yield Potential 11Ton-12Ton/hectare.

## PL 720 *New*

- ▶ Well suited for high density planting environment in DS (up to 10,00,00) Plants per hectare.
- ▶ Very high Yield potential Respond very well to high management condition.
- ▶ Maturity Period 110-115 days
- ▶ Yield Potential 11 to 11.5 ton/hectare



## PL 512 *New*

- ▶ Medium Maturity high yielding kharif hybrid with big cobs & highest shelling percentage.
- ▶ It has got very good volume weight.
- ▶ Maturity Period 100-105 days
- ▶ Yield Potential 10 to 10.5 ton/hectare



# HYBRID MAIZE



## PL 768 *New*

- ▶ Excellent Single Cross Full Season Hybrid.
- ▶ Maturity Period 105-110 Days.
- ▶ Excellent Tip Filling.
- ▶ Stay green at Maturity, Well Suited for Fodder
- ▶ Suited for irrigated conditions
- ▶ Large cobs with attractive orange kernels.
- ▶ Disease Resistance hybrid
- ▶ Yield Potential 10 to 10.5 ton/hectare



## PL 701 *New*

- ▶ Kharif Special Hybrid
- ▶ New hybrid for kharif uniform long cobs & high shelling percentage and good yield potential.
- ▶ Maturity Period 105-110 days
- ▶ Yield Potential 10 to 10.5 ton/hectare

## PL 755 *New*

- ▶ New Hybrid for Bihar and Bangladesh
- ▶ 10% High field uniform long cobs and high shelling percentage 40,000 plants per acre low moisture during harvest 15 Oct.-30 Dec.
- ▶ Maturity Period 110-115 days
- ▶ Yield Potential 11.5 to 12 ton/hectare



# HYBRID MILLET



Pearl millet is the fifth most important mandate crop for research and development in Proline Seeds. A very strong and intensive breeding programme has been developed, which has resulted in the development of broad based genetic resources and commercialization of several hybrids for various maturity groups and growing conditions.



# HYBRID MILLET



## HP 50 (Badshah)

Days to 50% flowering	:	58-62
Maturity (days)	:	85-90
Plant height (cm)	:	190-200
Number of tillers	:	4-8
Panicle length (cm)	:	20-25
Panicle girth	:	3.0-3.5
Panicle shape	:	Spindle
Panicle compactness	:	Highly compact
Grain colour & Size	:	Light grey & Bold
Reaction to insects	:	Tolerant
Reaction to diseases	:	Resistant to DM and rust

- Salient features
1. Medium maturity hybrid
  2. High yield potential
  3. More productive tillers
  4. Highly resistant to D.M
  5. Good quality fodder



## HP 55 (Sultan)

Days to 50% flowering	:	55-58
Maturity (days)	:	80-85
Plant height (cm)	:	190-200
Number of tillers	:	4-6
Panicle length (cm)	:	25-30
Panicle girth	:	3.0-3.5
Panicle shape	:	Candle
Panicle compactness	:	Compact
Grain colour & Size	:	Light grey & Bold
Reaction to insects	:	Tolerant
Reaction to diseases	:	Resistant to DM and tolerant to rust

- Salient features
1. Medium maturity hybrid
  2. High yield potential
  3. Lodging resistant
  4. Attractive bold and light grey grains
  5. Resistant to D.M

## HP 60 (Super Badshah)

Days to 50% flowering	:	60-65
Maturity (days)	:	88-92
Plant height (cm)	:	210-230
Number of tillers	:	4-8
Panicle length (cm)	:	28-32
Panicle girth	:	3.0-3.5
Panicle shape	:	Candle
Panicle compactness	:	Highly compact
Grain colour & Size	:	Light grey & Bold
Reaction to insects	:	Tolerant
Reaction to diseases	:	Resistant to DM and rust

- Salient features
1. Medium late maturity hybrid
  2. More productive tillers
  3. Stay green at maturity
  4. Resistant to D.M
  5. Good quality fodder with high fodder yield



# RESEARCH WHEAT



*Wheat is world's number one staple food crop and is most important for food security. It has made substantial contribution towards green revolution in India. Proline Seeds have recently started the crop improvement research in wheat for developing improved research varieties to cater to the need of Indian farmers.*



# RESEARCH WHEAT



## KRISHNA

Average height : 90-95 cms.  
Total duration : 130-135 days  
Average yield : 55-60 quintal/hectare  
Showing Time : 3rd week of October

Salient features :

- High stable grain yield
- Early maturing to escape adverse effect of heat
- Tolerant to moisture stress, leaf and stem rust
- Bold vitrous grains with high protein content



## RAJDHANI

Average height : 85-90 cms.  
Total duration : 120-125 days  
Average yield : 50-55 quintal/hectare  
Showing Time : 2nd week of November

Salient features :

- High yield potential
- More number of grains \ spike
- Profuse tillering with medium maturity
- Resistance to rust and foliar diseases
- Tolerant to rising temperature during grain filling
- Semi-hard to hard grains with good bread & chapati making quality

## SHAN-E-PUNJAB

Average height : 85-90 cms.  
Total duration : 130-135 days  
Average yield : 50-55 quintal/hectare  
Showing Time : 1-30 November

Salient features :

- High yield potential
- More number of grains \ spike
- Profuse tillering with medium maturity
- Resistance to rust and foliar diseases
- Tolerant to rising temperature during grain filling
- Semi-hard to hard grains with good bread & chapati making quality



# MUSTARD



*Proline very strong and intensive breeding programme has been developed which has resulted in the development of high oil content early and medium Varieties suitable for all mustard growing area.*



# MUSTARD



## PL - 45 S1

- \* High yeilding (18% advantage over OPV)
- \* Medium seed size
- \* High Oil percentage (40.2%)
- \* Medium maturity (128 to 132 days )
- \* Suitable for all mustard growing areas.
- \* More No. of branching in plant



## PL - 55 J9

- \* High yeilding (17% advantage over OPV)
- \* Bold seed size
- \* High Oil percentage ( 39.8 % )
- \* Early to Medium maturity (124 to 128 days)
- \* Suitable for all mustard growing areas.
- \* More No. of branches in plant

# SUN FLOWER



*Proline has promising medium & short duration hybrids  
with stable yielding abilities also higher oil content.*



# SUN FLOWER



## PSH - 786

Days to 50% flowering	: 63-65
Maturity	: 95-100
Plant height (cm)	: 160-180
Head size & shape	: Medium, convex compact
Seed colour	: Medium Black with light white stripes.
Seed size	: Medium bold.
Reaction to major diseases	: Resistant to downy mildew, highly tolerant to Alternaria and TSV

### Salient features

1. Medium maturity hybrid
2. Good yield potential
3. Good central seed filling
4. Convex head
5. High volume weight.



## PSH - 8

Days to 50% flowering	: 48-50
Maturity	: 85-85
Plant height (cm)	: 150-160
Head size & shape	: Medium, semi convex compact
Seed colour	: Black
Seed size	: Medium bold.
Reaction to major diseases	: Tolerant to TSV, DM and Alternaria

### Salient features

1. Early maturity hybrid
2. Good yield potential
3. Good central seed filling
4. Completely bending plant habit.
5. High volume weight.



# HYBRID PADDY



*Rice is among the top two cereals in the world, and is considered as a high food security crop. Realizing the potential of rice and its importance. Proline Seeds have launched an extensive research programme on Open Pollinated and hybrid varietal rice improvement. The Company has successfully launched Six varieties for different agro-climatic condition and maturity groups.*



# HYBRID PADDY



## NEHA

- ▶ India's highest selling hybrid rice
- ▶ Consistently 25-30% higher yield than the varieties of same duration (135-140 days)
- ▶ High productive tiller per plant
- ▶ More grains per panicle
- ▶ Wider adaptability
- ▶ Highly suitable to direct seeded rice system
- ▶ More than 70% milling



## KARISHMA

- ▶ Mid early duration (125-130 days)
- ▶ High yield potential
- ▶ Performed good in moisture stress conditions
- ▶ Long slender grain type
- ▶ High milling percentage >70%
- ▶ High head rice recovery >60%



# RESEARCH PADDY



## PRO-3

Days to 50% flowering	: 95-100
Maturity (days)	: Kh-120-125, Rabi-125-130
Plant height (c.m)	: 90-95
Number of productive tillers	: 22-24
Panicle length	: 24-26
Grain per panicle	: 280-300
Grain quality	: Fine
Reaction to insects	: Tolerant
Reaction to diseases	: Tolerant

## JYOTI

Days to 50% flowering	: 105-110
Maturity (days)	: Kh-130-135, Rabi-135-140
Plant height (c.m)	: 120-125
Number of productive tillers	: 18-20
Panicle length	: 24-26
Grain per panicle	: 260-280
Grain quality	: Fine
Reaction to insects	: Tolerant
Reaction to diseases	: Tolerant



## SONALI

Days to 50% flowering	: 115-120
Maturity (days)	: Kh-140-145, Rabi-125-130
Plant height (c.m)	: 115-130
Number of productive tillers	: 22-25
Panicle length	: 26-28
Grain per panicle	: 250-270
Grain quality	: Coarse
Reaction to insects	: Tolerant
Reaction to diseases	: Tolerant

## EKTA

Days to 50% flowering	: 95-100
Maturity (days)	: Kh-120-125, Rabi-135-140
Plant height (c.m)	: 85-90
Number of productive tillers	: 18-25
Panicle length	: 20-22
Grain per panicle	: 160-180
Grain quality	: Super fine
Reaction to insects	: Tolerant
Reaction to diseases	: Tolerant

# TOMATO



*Proline is bringing in whole lot of products in determinate and indeterminate segments. The products are tolerant to bacterial wilt tomato leaf curl virus, Foliar disease etc., which in turn give higher yields to the farmers. The products range from sour taste to good shipping quality tomatoes suited to Kharif, Rabi & Summer season.*



# HYBRID TOMATO



## HT-636

### Plant

Semi determinate with vigorous plant habit  
Broad leaves with excellent foliage cover.

### Fruit

Fruit harvesting starts 60-65 days after  
transplanting Tolerance to TYLCV Suitable  
for long distance transport Very Firm fruits  
with good keeping quality medium size  
(80 -100gm). Good heat set high yield potential.



## HT-520

### Plant

Indeterminate tall vigorous plants.  
Medium foliage cover with profuse branching.

### Fruit

Oblate, medium size (90 – 100 g) Firm  
and uniform fruit size with excellent shelf life.  
Fruit harvesting starts 65-75 days after transplanting.  
Ripe fruits are red and glossy.  
High yield potential & long duration 4-6 months.  
Wide adaptability. Good for long distance transportation

## HT-401

Plant : Determinate, vigorous plant habit Broad,  
green leaves with excellent foliage cover.

Fruit : Flat round shaped fruits, medium size  
(80 – 90 g) Fruit harvesting starts 55 - 60 days  
after transplanting. Green shoulder fruits  
with uniform ripening. Ripe fruits are  
deep red color.

### Salient Features :

Good heat set & wide adaptability  
High yield with excellent fruit quality.  
Fruits are good for long distance transport  
Also suitable for bracterial wilt prone areas Tolerance to TYLCV.





# HYBRID TOMATO



## HT-435

Plant : Determinate, vigorous plant habit Broad, green leaves with excellent foliage cover.

Fruit : Flat round shaped fruits, medium size (75 – 80 g)

Fruit harvesting starts 75 - 80 days after transplanting.

Green shoulder fruits with uniform ripening. Ripe fruits are deep red color.

### Salient Features :

Good heat set & wide adaptability

High yield with excellent fruit quality.

Fruits are good for long distance transport

Also suitable for bracterial wilt prone areas

Tolerance to TYLCV.



## HT-440

Plant : Determinate tall vigorous plant habit Broad, green leaves with medium foliage cover with profuse branching.

Fruit : Flat Round shaped fruits, medium size (80 – 100 g)

Fruit harvesting starts 60-65 days after transplanting. GFirm and uniform fruit size with excellent shelf-life.

Ripe fruits are deep red color and glossy.

### Salient Features :

Good heat set & wide adaptability

High yield and long duration(4-6 months) with excellent fruit quality.

Fruits are good for long distance transport

Also suitable for bracterial wilt prone areas

Wide adaptability

Tolerance to TYLCV.

# SWEET CORN



**Sweet corn also called sugar corn is a variety of maize with a high sugar content. Sweet corn is the result of a naturally occurring recessive mutation in the genes which control conversion of sugar to starch inside the endosperm of the corn kernel. Unlike field corn varieties, sweet corn is picked when immature (milk stage) and prepared and eaten as a vegetable, rather than a grain. Since the process of maturation involves converting sugar to starch. We commercialised two sweet corn varieties which are best suitable for fresh, canned, or frozen Market.**



# SWEET CORN



## SWEET - 70

Hybrid sweet corn has been developed for both fresh and processing market.

This variety exhibits strong plant health and good standing ability. High yield, well shaped cylindrical cobs with light yellow kernels.

Due to its very sweet taste and tenderness, this variety is the "First Choice" of farmers.

### Plant

Height : 5 to 6 ft.

Maturity : 78-85 days

Population : 55,000-66,000 per hectare

### Cob

Colour : Cream yellow

Ear length : 8.5"

Ear Diameter : 1.8"

Number of Rows : 14-16 of kernels.



## Winter Special

### Plant

Very good plant vigour and height. Recommended for winter sowing.

Maturity - 80 to 90 days.

### Cob

Long uniform cylindrical cobs. Golden yellow kernels. Excellent tip filling.

Very sweet

(TSS about 16%)

High yielding variety. Both for fresh as well as Processing market.



# BABY CORN





# BABY CORN



## Prism-50

### Plant

This variety is vigorous having plant height 180 to 200 cm. It takes 50 to 60 days to harvest in favourable climate.

### Ear/Cob

Accommodates 48,000 to 52,000 plants in one acre as per season and soil type.

Kernels are very much attractive having Cream colour.

It has 9 cm. length and 1.5 cm width. It is very tasty and has fine ovaries in straight row.



## Prism-55

### Plant

Sturdy and vigorous plants.

Height : 180 - 200 cm.

Maturity : 55 - 60 days.

### Ear/Cob

Beautiful ears with fine ovary arrangement.

Uniform sized creamy ears.

High yielding hybrid.

Good and long shelf-life.

Suitable for both fresh and processing markets.

# WATERMELON



*Watermelon is a vine-like flowering plant originally from southern Africa. It is a large, sprawling annual plant with coarse, hairy pinnately-lobed leaves and white to yellow flowers. The fruit is rich in vitamins A and C and can be eaten raw or cooked in a variety of ways. Proline research effort disease-resistant varieties and develop three hybrids with good shipping and higher yield varieties.*



# WATERMELON



## Sandía - 1

A vigorous medium to early hybrid (85-90 days) with good adaptability. Fruits are oval to oblong in shape, each weighing 9 -12 Kg. Rind is light green with dark green stripes. Flesh is deep crimson red with good texture and sweetness (TSS 12-13 %). Good transport and keeping qualities are other major attributes of this popular hybrid.



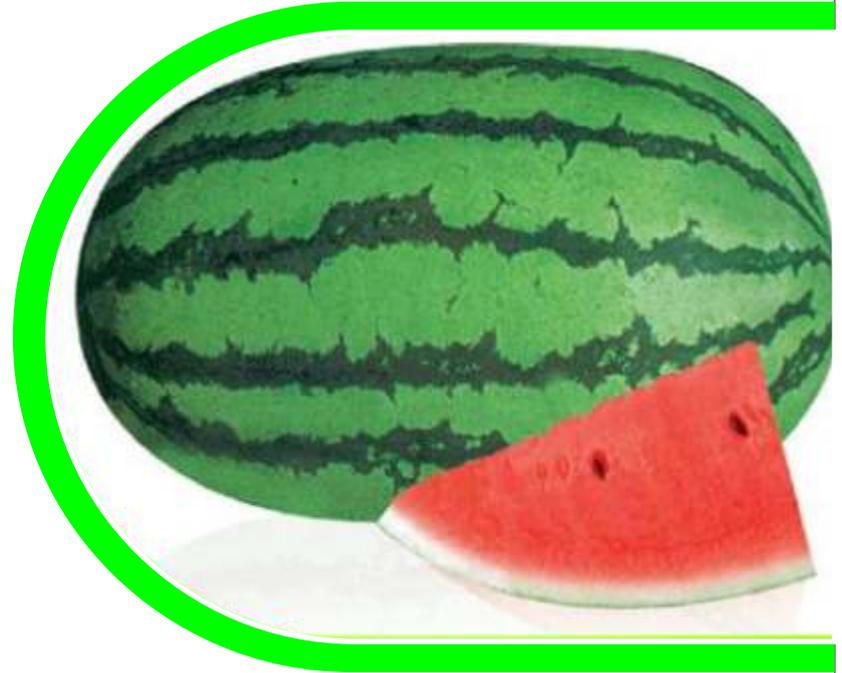


# WATERMELON



## Sandía - 2

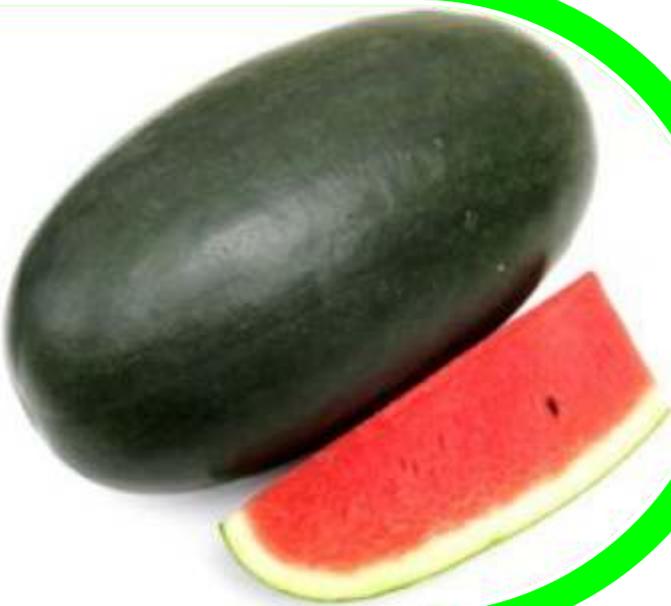
A vigorous medium to early hybrid (75-85 days) with good adaptability. Fruits are oval to oblong in shape, each weighing 8 -11 Kg. Rind is light green with dark green stripes. Flesh is deep crimson red with good texture and sweetness (TSS 11-14 %). Good transport and keeping qualities are other major attributes of this popular hybrid.



## Sandía - 30

### ICE BOX TYPE

Early maturation, fruit set easy, fruit is long oblong shape, dark green rind with black stripe, red flesh. Sugar content 13%, fruit weight 4-6kg, good shipping.





# CHILLI



## Prince 2012

### Plant

Plants are strong, bushy with 75 -110 cm height with strong lateral branches.

Green colour dense foliage, short internodes, stay green.

### Fruit

Fruits are slightly wrinkled at green which turn into attractive smooth red at maturity with length 8-9 cm. Each fruit weighs about 2.8 g in green & 0.7 g in red. Fruits bearing is solitary, pendant. Fruits are very pungent with deep red powder with good aroma. Used as dual purpose hybrid. Compact fruits suitable for long distance transport.



# OKRA



*Proline is introducing lot of new products in Okra segment with hybrids tolerant to YVMV & jassids, good fruit quality, dark green color, good shipping quality & higher yields.*



# OKRA



## LIZA - 151

### Plant

Strong medium tall plant with productive branches.  
Fruit harvesting starts 40-45 days after sowing head. Attractive dark green tender fruits Average fruit size is 9-10cm.  
Average fruit weight is 9-10gm  
Fruits are shiny, smooth and easy to pick

### Salient Features

Good field adaptability with dark green fruits and foliage.  
High yield with excellent fruit quality.  
Fruits are good for long distance transport  
Plant Habit :tall  
Number of ribs : 5  
Pod length : Medium long  
Pod colour : green



## LIZA - 600

### Plant

Strong medium tall plant with productive branches.  
Fruit harvesting starts 42-47 days after sowing head. Attractive green tender fruits Average fruit size is 9-10cm.  
Average fruit weight is 10-11gm  
Fruits are shiny, smooth and easy to pick

### Salient Features

Good field adaptability with dark green fruits and foliage.  
High yield with excellent fruit quality.  
Fruits are good for long distance transport  
Plant Habit :tall  
Number of ribs : 5  
Pod length : Medium long  
Pod colour : green

# CUCUMBER



Proline has most preferred cucumber hybrid with higher yield and good keeping quality preferred all over India.

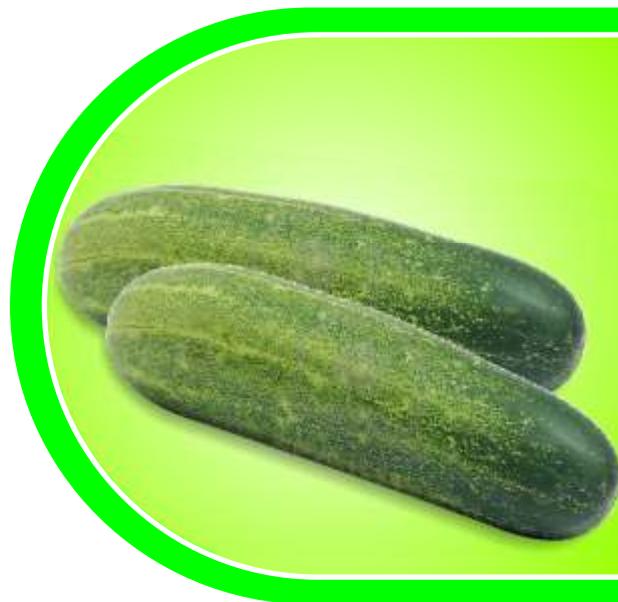


# CUCUMBER



## M-2404

M-2404 a new bred hybrid.  
Strong growing variety.  
Fruits are 19-22 cm in  
Length and 4-5 cm in diameter,  
Weight 200-250gm each. Light Green  
smooth skin. Good diseases Resistance.

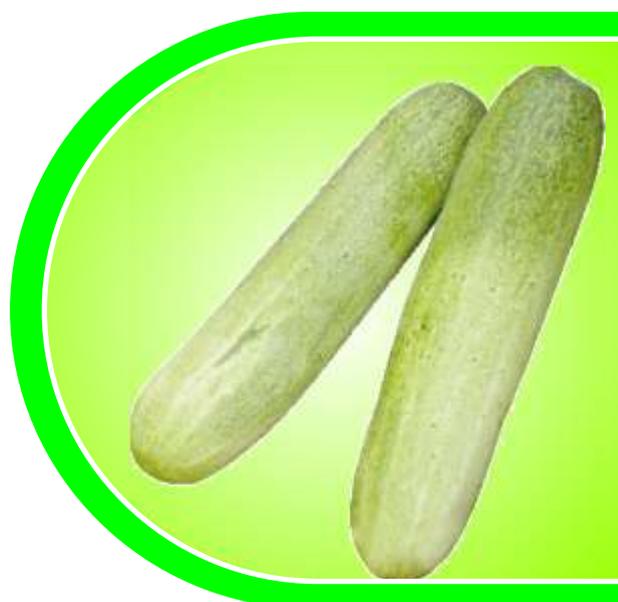


## R-910

Dark green Strong plant with  
dense foliage 40 - 45 days  
Length: 18 - 20 cm  
Diameter: 3.5-5cm  
Wt: 250 to 300gm Slightly rough

## E-3000

Plants : Strong vigor with more side branches  
Fruits : Attractive light green color fruits,  
18 - 20 cm long, 160 - 180 g weight  
Harvesting : 40 - 42 days after sowing  
Remarks : High yield potential,  
wide adaptability & fruits with good shelf life



# GOURDS



*Proline has promising products in bitter gourd, bottle gourd, ridge gourd & sponge gourd which are prolific bearers with acceptable consumer needs.*



# BOTTLE GOURD



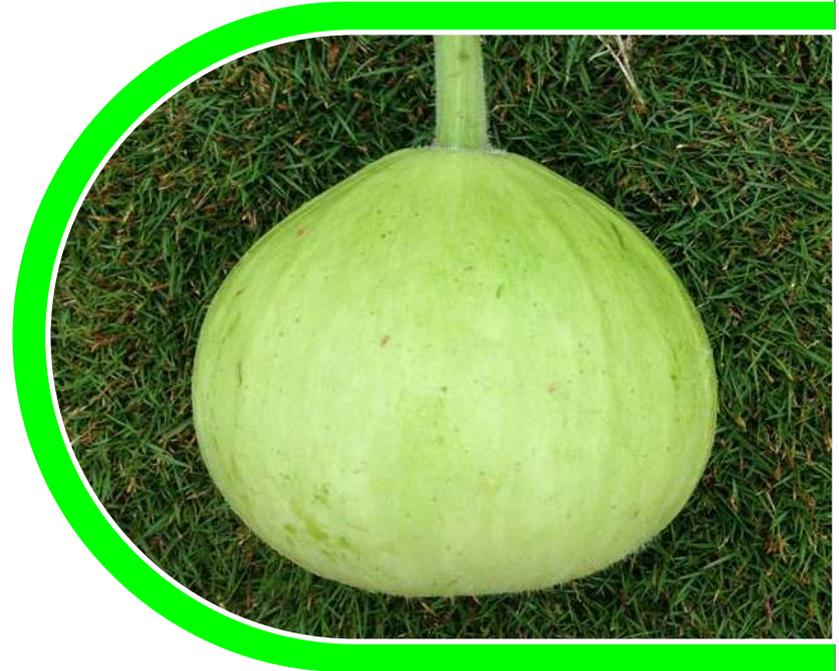
## BG-209

Days to 1st Harvest : 50-55 days

Fruit shape : Flattish round.

Green Color

Remarks:It can be harvested at small size. A very high yielding hybrid can be grown in summer, rainy season & mild winter.



## BG-236

Days to 1st Harvest : 55 To 60 Days

Fruit shape : Semi Flat

Round Small

Nip Neck at mouth

Season :All three seasons

Remarks : It is very vigorous Growing & High Yielding Hybrid.



# BOTTLE GOURD



## BG-235

Days to 1st Harvest:55 To 60 Days

Fruit shape : Cylindrical to Bottle

Season :All three seasons

Fruit length : 2ft. to 2.5ft.

Remarks :Attractive Green Colour

High Yields

Vigorous Growth Plant



## BG-223

Days to 1st Harvest:55 days

Fruit shape :Cylindrical

Season :All three seasons

Fruit length :1.5 ft.

Remarks :It Is Very Vigorous  
Growing & High Yielding Hybrid,  
having green color



# BITTER GOURD



## BT - 870

Plant : Highly Vigorous,  
prolific fruit set

Fruit : Long, dark green color, Spiny

Fruit length: 20-25 CM

Harvesting : 50-55 days after  
sowing

Suitable for long duration harvest



## BT - 770

Plant : Vigorous, high yield

Fruit : Medium short,  
green color, non-spiny

Fruit length : 12 - 15 cm

Harvesting : 45 - 50 days  
after sowing

Suitable for long duration  
harvest



# RIDGE GOURD



**RG-21**

Days of 1st Harvest : 50-55 Days after sowing

Fruit : Straight growing and long with  
approx weight 125 gms.

Season : Round the year

Fruit length : 40-45 cm

Remarks : Vigorous vine growth,

Attractive Strong Ridges

Short inter nodes

and highly productive





# SPONGE GOURD



## SG-150

Days to 1st Harvest:60 Days

Fruit :Light Green.

Fruit Shape: It is smooth with faint strips

Fruit length: Approx. 25 cm.

Remarks: It is a mid long to long hybrid and very productive. It is recommended for sowing in Rainy season, summer and mild winter. It has light green colour.



## SG-160

Days to 1st Harvest:60 Days

Fruit :Light Green.

Fruit Shape :It is smooth with faint strips

Fruit length :Approx. 25 cm.

Remarks : It is a mid long to long hybrid and very productive. It is recommended for sowing in Rainy season, summer and mild winter. It has light green colour.

# CARROT





# CARROT



## Desi Red

An early maturing Tropical Variety

Root Length : 30-35 cm.

Appealing : Red Colour.

Flesh is uniform red with very small self colour Roots are sweet juicy and highly palatable



## Anarkali

An early maturing Tropical Variety

Root Type Asiatic

Days of maturity : 95-90

Root length : 32-35 cm.

Root Weight : 200-225 Gm.

Roots are Uniform Red Sweet and juicy

# ONION



*Proline has open pollinated varieties, ranging from deep red to light red color which are widely adaptable to Kharif, Rabi & Summer. The processing type onion of Proline has a good processing quality with high TSS & high dry matter recovery.*

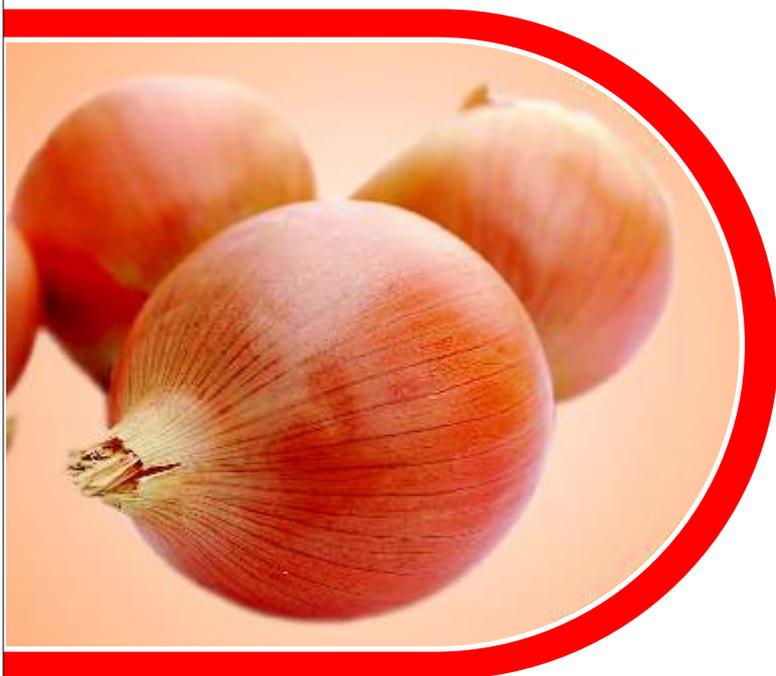


# ONION



## RED BULB

- Bulb weight : 180 to 200 g.  
Shape : Globe  
Colour : Light Red.  
Pungency : Semi pungent.  
Storage : Good keeping quality  
Maturity : 105 to 115 days  
( After transplanting)  
Special feature : Very good for storage  
6 to 8 month, uniform size  
good looking bulb high yielding variety.



## PINK BULB

- Bulb weight : 110 –130 g.  
Shape : Round  
Colour : Light red  
Pungency : Semi pungent  
Storage : Good keeping quality  
Maturity : 100 to 105 days after  
transplanting Special  
feature Good keeping  
quality 5 to 7 months,  
good market

# FORAGE SEEDS



*Proline research progress are focused on developing new forage for the major markets. The primary goal of our research is to enhance farm productivity and feed quality. The development of new forage products is the primary focus is to enhance the milk productivity.*



# FORAGE SEEDS



## RED EXPRESS

- ❖ Late Flowering hybrid fodder crop.
- ❖ Suitable for dry & irrigated land cultivation.
- ❖ Suitable for multi cut, silage and dry fodder.
- ❖ High leafy fodder yield.
- ❖ High Palatability with sweet fodder.
- ❖ High Protein (12% - 14%) and high metabolizable energy (9.8 mj/kg)



## GREEN EXPRESS

- ❖ Ultra large flowering Sorghum X Sudan Hybrid.
- ❖ Provides quality feed for a longer grazing period.
- ❖ Suitable for dry & irrigated land cultivation.
- ❖ Suitable for multi cut, silage and dry fodder.
- ❖ Low Prussic acid levels and improved palatability giving higher productivity.
- ❖ High Protein (13%-14%) and high metabolizable energy (10mj/kg)
- ❖ A Versatile Variety that is easy to manage with fine steams and leafy growth.



## SIXER GOLD 17

**New**

- ❖ Late Flowering hybrid fodder crop.
- ❖ Suitable for dry & irrigated land cultivation.
- ❖ Suitable for multi cut, silage and dry fodder.
- ❖ High leafy fodder yield.
- ❖ High Palatability with sweet fodder.
- ❖ High Protein (13% - 15%) and high metabolizable energy (9.8 mj/kg).



## MILK FEED

- ❖ Agronomy & Management
- ❖ Milkfeed is a multicut high biomass yielding forage hybrid.
- ❖ Drought tolerance with early feeding character.
- ❖ Increase productivity of quality milk.
- ❖ No prussic acid, like sorghum.
- ❖ High metabolizable energy
- ❖ High protein(14% to 16%) and nutrient values.



# FORAGE SEEDS



## WINTER EXPRESS

- ❖ Winter Express Is a highly nutritional, most palatable and highly succulent multi cut Annual grass in the world.
- ❖ Winter Express feeding will greatly improve milk production and quality (specially milk solids)...
- ❖ Winter Express is considered to be one of the highest quality winter forages utilized In the world.
- ❖ Dry matter digestibility is generally greater than 65%, and crude protein content exceeds the requirements for most classes of livestock animal gains.
- ❖ Because of highly palatable, livestock may over consume.



## RASILI GULABO

New

- ❖ Ultra Fast Sorghum X Sudan Hybrid.
- ❖ Provides quality feed for a longer grazing period.
- ❖ Get 6-7 cuttings.
- ❖ Suitable for multi cut, silage and dry fodder.
- ❖ Low Prussic acid levels and improved palatability giving higher productivity.
- ❖ High Protein (13% - 14%) and high metabolizable energy (10 mj/kg)
- ❖ A Versatile Variety that is easy to manage with fine steams and leafy growth.



## HONEY GRAZE

New

- ❖ Late Flowering hybrid fodder crop.
- ❖ Can cut at 70-90 days age to get optimum sugar level in the juice.
- ❖ Suitable for silage .
- ❖ Plant Height 12-14 feet.
- ❖ High Palatability with sweet fodder.
- ❖ High Protein (13% - 15%) and high metabolizable energy (9.8 mj/kg).



PIPER SUDAN GRASS (PL-1241)

FEED OATS SEEDS (Hari Rasbhari)

DUAL PURPOSE FORAGE MAIZE (PSC-1151-1165)

ALFA-ALFA LUCERNE (Baramasi)

# PROLINE SEEDS



RESEARCH FARM GHANPUR (HYDERABAD)



## **PROLINE SEEDS COMPANY (INDIA) PVT. LTD.**

Corporate Office : D-1/1A, 1st Floor, Rana Pratap Bagh,  
New Delhi-110 007 (India) • Telefax : +91-11-47060991/92/93

Punjab Office :  
Dharamkot Road,  
Jalalabad East,  
Distt. Moga, Punjab (India)  
Telefax : +91-1682 220074

Hyderabad Office :  
#1-283/1, Road No-1  
Vinayak Nagar, Medchal,  
R.R. Distt; Hyderabad (A. P.)  
Telefax : +91-8418 221877

Web : [www.prolinseeds.com](http://www.prolinseeds.com), E-mail : [response@prolinseeds.com](mailto:response@prolinseeds.com)  
Customer Helpline No.: +91-99117-99110