

HYBRID SEEDS
VEGETABLE
CATALOGUE



In this catalogue, we present our complete range of professional horticultural seeds, carefully selected and improved to offer the best results.

Each variety is the result of years of research and development, guaranteeing seeds that meet the highest quality standards. At Intersemillas, we continue our unwavering commitment to innovation and sustainability.

The year 2026 marks a new chapter in our history, where we continue to advance in the production and marketing of seeds of watermelon, melon, tomato, onion, cucumber and other of our specialties.

Our dedication to research and development (R&D&I) has allowed us to remain at the forefront of the horticultural sector, creating products that stand out for their performance and flavour.

Our international expansion continues to grow, bringing our cutting-edge varieties to new markets and growers around the world.

We are proud to contribute to the development of more sustainable agriculture, promoting responsible practices that protect our environment and ensure the health of our crops.

VEGETABLE

HYBRID SEEDS

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BROCCOLI




BR-10476

Type AUTUMN-WINTER

Description

Broccoli of long cycle and for AUTUMN-WINTER cultivation. It develops a very vigorous plant with large, broad and smooth leaves with the formation of a large and compact pellet with a rounded shape and fine grain. The outline is very rounded, without internal leaves and without yellowish grains. It does not produce sprouts.


BR-10513

Type AUTUMN-WINTER

Description

Broccoli for AUTUMN and WINTER cultivation without regrowth. Develops a vigorous, dark, erect and very healthy plant. On both dates, it offers a very compact pellet of medium-thin grain, dark color, without internal leaves and perfect contour. The shape is convex with medium puffiness.


BR-10053

Type WINTER

Description

Variety of excellent health, adapted to cultivation both for fresh and INDUSTRY. Vigorous plant of dark color. Compact head and very defined florets, making it ideal for industry.

Very conical shape and fine grain. Few re-sprouts of good quality. Weight around 750-900 g. It is recommended for transplants from August to January with good results in the middle of winter.

VARIETY CHARACTERISTICS

VARIETY	TYPE	PLANT VIGOR	WEIGHT g	MADURITY DAYS	REMARKS
BR-10476	Autumn-winter	● ● ●	900-1000	135	Very compact
BR-10153	Autumn-winter	● ● ●	800-950	120	Early maturing
BR-10053	Winter	● ● ●	750-900	130	Excellent health

CUCUMBER





PE-10360

Type **SLICER**

Description

Slicer cucumber variety, very dark color and PARTHENO-CAR-PIC, size of 21x4.4 cm and average weight of 240 g. Resistant Psl/ Co/ Px/ Pcu/PRSV/ WMV/ ZYMV/CMV.



PE-10156

Type **SLICER**

Description

Variety adapted to diverse growing conditions. Cylindrical fruits, 22 cm long and 5-6 cm. in diameter. Dark green color marking a faint yellow star at the apex. It has a few white spines. Vigorous plant that adapts to both ground and crop trellising.



PE-10570

Type **SLICER**

Description

Parthenocarpic cucumber of SLICER type, with LONG fruits with a length between 22-25 cm and a diameter between 4.0-4.3 cm. Very straight fruits of dark color and medium content in thorns. Plant of medium vigor with a very dark color.



PE-10386

Type PICKLING

Description

Parthenocarpic Gherkin cucumber that provides a very dark fruit, without just yellow star, of great length and generous amount of thorns of its just size. Extraordinary production and uniformity throughout the whole cycle, with good results in all sowing dates. Vigorous and balanced plant with dark leaves and extraordinary health.

VARIETY CHARACTERISTICS

VARIETY	TYPE	VIGOR	WEIGHT g	LENGTH cm	REMARKS
PE-10360	Slicer	● ● ● ●	240	19-21	Parthenocarpic
PE-10156	Slicer	● ● ●	200	18-19	Conventional variety
PE-10570	Slicer	● ● ●	220	22-25	Straight and dark
PE-10386	Pickling	● ● ●	180	15-17	Very dark fruit

EGGPLANT





B-10069 Type **ROUND**

Description

Variety of BLACK eggplant. The fruit is large, almost round and SPINELESS with an average weight 350-380 g. It is noted for its high and early and high production, very dark and shiny color. It has FEW SEEDS in the fruit.



B-9902 Type **ROUND**

Description

Hybrid of low bearing. Fruit of oval shape, round, bright dark violet color, which can exceed 300 g in weight. It is a very early variety for greenhouse, tunnel and outdoor crops. It has spines and somehow lobed fruits.



B-10118 Type **SEMILONG**

Description

SEMILONG hybrid variety of very dark purple fruits and white flesh of good quality. It has an approximate weight of 300-330 gr. Length of 18-19 cm. More diameter than 4-5 cm and less than 7-8 cm. It can be harvested 70-75 days after transplant. It is recommended for greenhouse and outdoor cultivation.



B-10273 Type **SEMILONG**

Description

SEMILONG hybrid variety of BLACK color. It stands out for its vigorous, dark and very healthy plant. Easy setting in cold conditions where it develops a very dark, shiny and straight fruit with a medium calyx and SPINELESS. Very good total production and earliness.



B-10102 Type **STRIPPED SEMILONG**

Description

Stripped hybrid eggplant that stands out for its dark-looking veined and absence of thorns in the calix. Vigorous plant however very early production. It is not recommended for winter cultivation.



B-10047 Type **WHITE SEMILONG**

Description

New arrival in the hybrid eggplants. Vigorous plant with light green leaves and violet flowers. The fruit is CREAMY WHITE with an average weight of 450 g. The production is later than the standard varieties but it is more uniform, more productive and with few thorns.



B-10048 Type **LONG**

Description

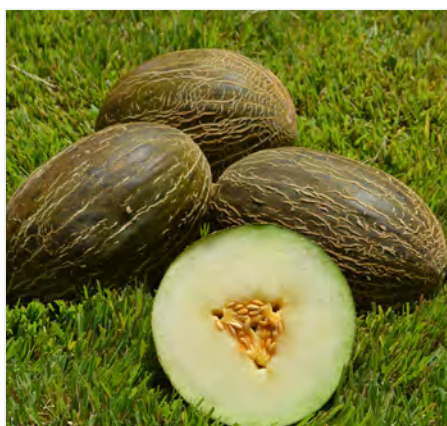
Variety of LONG type, SPINELESS. The fruit is dark, long 27-30 cm, average weight 250 g and very straight shape. It is noted for its uniformity, very early and high yield. Excellent results for the industrial processing.

VARIETY CHARACTERISTICS

VARIETY	TYPE	PLANT VIGOR	WEIGHT g	LENGTH cm	REMARKS
B-10069		● ●	400-450	15-16	Spineless
B-9902		● ●	350-450	15-16	Almost round
B-10118		● ● ●	300-330	18-19	Some spines
B-10273		● ● ● ●	380-400	16-17	Semilong
B-10102		● ● ● ● ●	380-400	16-17	Open field and greenhouses
B-10047		● ● ●	420-450	15-16	Very tender
B-10048		● ●	250-280	27-30	Spineless, dark black

MELON



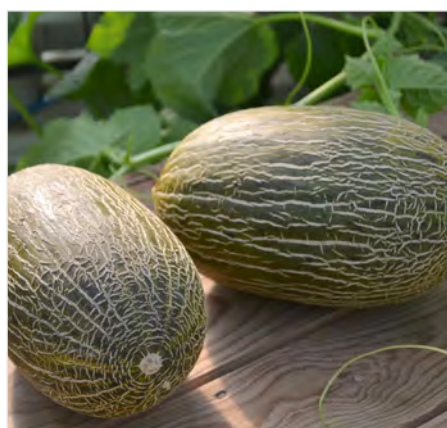


M-10700

Type SAPO

Description

Melon of PIEL DE SAPO type, with an LONG OVAL shape, with abundant longitudinal writing and of medium intensity. Very beautiful in all conditions. The fruit is medium-large in size, ranging from 3.3 kg in Almería, 4.2 kg in Murcia, reaching 5.7 kg in La Mancha, maintaining a very stable middle cavity. It develops a very vigorous, dark plant with excellent response in the presence of powdery mildew. In all areas it has obtained good results.



M-10444

Type SAPO

Description

PIEL DE SAPO melon with longitudinal writing that perfectly defines the traditional type. Its fruit is of elongated shape and "large size" ranging between 4,8-5,3 kg. Great organoleptic quality and not very sensitive to aging. It develops a very vigorous plant and can be cultivated both in the early greenhouse, where it offers a high quality product, and in the open field.



M-10463

Type SAPO

Description

PIEL DE SAPO melon with longitudinal netting and oval shape, slightly elongated, makes it the typical "traditional melon". It develops a very vigorous, healthy and highly productive plant. Nice balance between sugar and crispy and consistent meat. It's "average size", around 3.2 kg, make it very appealing for both the domestic and export markets. It offers excellent results in late plantations.

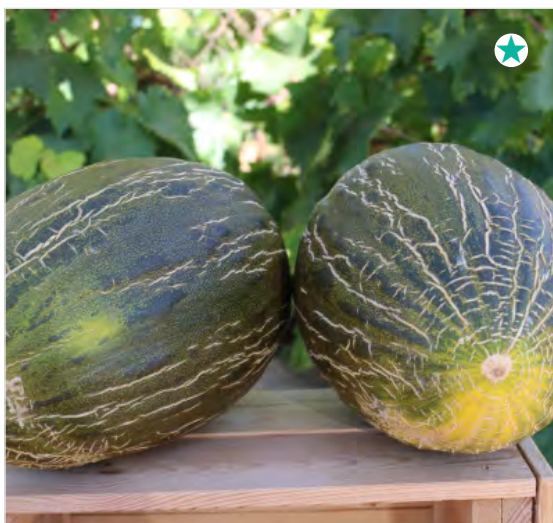


M-10514

Type SAPO

Description

Melon PIEL DE SAPO for crops from Almeria to Valencia. VERY THICK constant fruit in all areas from 5.5-6.5 kg. Oval-elongated form of abundant and intense writing. Very balanced cavity in the recommended areas. Excellent organoleptic quality. Very healthy plant

**M-10665**

Type SAPO

Description

PIEL DE SAPO melon, with a LONG and medium fruit of about 3.2 kg of average weight, very stable in all areas. It has abundant and intense longitudinal writing on a very dark green background. Its main characteristic is the high quality of the fruit, both for being crunchy, hard meat and a lot of flavor. Plant with good vigor and excellent response in the presence of powdery mildew.

**M-10461**

Type SAPO

Description

PIEL DE SAPO melon very netted. The shape is slightly elongated oval and with a size that can range between 4.0-5.0 kg. Its highlights is the great organoleptic quality and uniformity. It develops a vigorous and very healthy plant. Excellent results both in early crops in greenhouses and outdoors.

**M-10385**

Type SAPO ORANGE FLESH

Description

New arrival in the PIEL DE SAPO melons with ORANGE FLESH. In addition to the exclusive orange flesh color, this variety is noted for its great homogeneity in shapes and sizes, its good adaptation both to early cultivations in greenhouse and late cultivations in open field



M-10139

Type **WHITE**

Description

Hybrid melon of BRANCO type. Vigorous plant with very early and uniform production. The fruit has medium size, very early netting, somewhat wrinkled and very firm flesh with high sugar level and very aromatic. It is noted for its prolonged conservation against the current varieties. It is recommended for transplants in mid season and semi early to the usual densities.



M-10142

Type **MELADO**

Description

VARIETY de color amarillo y CARNE NARANJA, de piel lisa, sin acostillado y muy poco escriturado. Fruto redondeado de tamaño pequeño (1-1,5 kg) con poca cavidad. Planta de vigor medio y color claro. Extraordinariamente dulce con brix de 17,5 °.

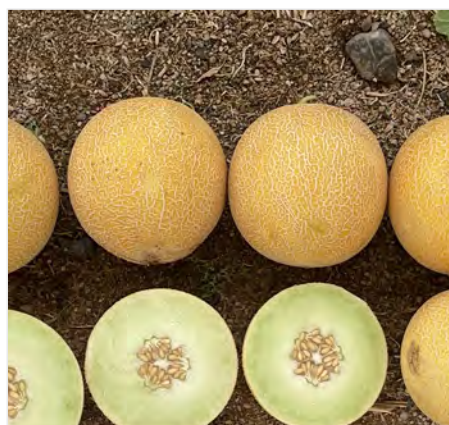


M-10365

Type **GALIA**

Description

VARIETY de GALIA con planta de vigor y color medios. Fruto de forma redonda con acostillado ligero y escriturado abundante, uniforme y suave. El WEIGHT oscila sobre los 2 kg y la carne es muy dura.



M-11070

Type **GALIA**

Description

GALIA melon of the ESL type with very intense writing. Fruit weighing between 1.8-2.0 kg. It stands out for its very vigorous, very dark and very healthy plant.

**M-10699**Type **GALIA ORANGE FLESH****Description**

New in the GALIA market with ORANGE flesh. Round, slightly flattened fruit of 1.5 kg medium weight and deep orange flesh. Abundant and intense netting. It stands out for its high brix of 14.5 ° and the uniformity in production. It develops a very vigorous, dark and very resistant to powdery mildew plant.

**M-10343**Type **ANANAS ORANGE FLESH****Description**

ANANAS type melon of ORANGE flesh, average weight of 2.7 kg and abundant and intense netting. Vigorous plant, dark and healthy.

**M-10675**Type **YELLOW****Description**

YELLOW melon of WRINKLED type, and large size. Has an average weight between 3.6-4.3 kg. The fruit has a typically oval shape, with moderate cavity. It has a medium writing accompanied by high roughness and an intense yellow color. The plant is very vigorous, very dark and with excellent response to the presence of powdery mildew. The excellent organoleptic quality of this variety stands out with brix that exceeds 14°. Suggested Middle East.

VARIETY CHARACTERISTICS

VARIETY	TYPE	VIGOR	WEIGHT g	ORANGE FLESH	RESISTANTS	REMARKS
M-10700	Sapo	● ● ● ●	2,9-3,2		Fom:0,1/Px/MNSV	Elongated-oval shape
M-10444	Sapo	● ● ● ●	4,8-5,3		MNSV/Px	Big fruit
M-10463	Sapo	● ● ●	3,2-3,6		MNSV/Px	Maximum quality in late sowing
M-10514	Sapo	● ● ●	3-4		MNSV/Fom:0,1/Px	For early
★ M-10665	Sapo	● ●	2,5-3,5		Fom:0,1/Px/MNSV	Elongated-oval shape
M-10461	Sapo	● ● ●	1,5-3,2		MNSV/Fom:0,1,2/Px	Elongated-oval shape
M-10385	Sapo orange flesh	● ● ●	2,5-4,5		Fom:0,1/Px	Excellent taste and storage
M-10139	White	● ●	4-5			Early maturation
M-10142	Yellow orange flesh	● ●	1,0-1,5			High brix
M-10365	Galia	● ● ● ●	1,9-2,3			Traditional galia
M-11070	Galia		x-x			x
M-10699	Galia orange flesh	● ● ● ●	1,0-1,5		Fom:0,1,2/Px/MNSV	Tolerant to Powdery mildew
M-10343	Ananas orange flesh	● ● ●	2,5-2,9			Firm flesh
M-10675	Yellow	● ● ● ●	1,0-1,5		(HR): MNSV/Fom:0,1,2/Px	Tolerant to Powdery mildew

ONION



SHORT DAY



CE-10307

Type **SUPER EXTRA EARLY**

Description

EXTRA EARLY SHORT DAY onion. VERY GOOD COLOR. It can be harvested on last week of MARCH. Medium vigor and color plant with very good resistance to flower climbing. Large bulb, good color and slightly flattened shape that can grow 300 g of average weight.



CE-10144

Type **EXTRA EARLY**

Description

Surprisingly, it develops a vigorous plant, strong and healthy which allows a good harvest in bunches for spring onions. The bulb development is very early for dry bulb, and it keeps its shape even in the over-maturing with a good color.



CE-10067

Type **EARLY**

Description

Short day yellow onion variety. Round flattened shape, and uniform medium size. Medium yellow external color and yellowish white internal color. It is suitable for spring onions and dry onions. Short storage period and delicate and mild flavor, very high production. Tolerance to bolting. On the Mediterranean coast it is sown in September for harvesting in April.



CE-10327

Type **EARLY**

Description

EARLY SHORT DAY onion to harvest the FIRST week of APRIL. Medium-low vigor plant that stands out for the uniformity of its round-shaped bulbs of very good exterior color and surprising hardness.

SHORT DAY



CE-10372 Type EARLY

Description

EARLY maturing SHORT day onion, it can be harvested the second week of April. It stands out for its vigorous plant, dark in color and very healthy. May have great aptitude for DRY and BUNCH use given its strong and short neck.



CE-10090 Type EARLY-MIDDLE

Description

Short day onion early maturing. It is noted for its resistance to bolting. The bulb is large, round with very firm consistency, strong skins that don't crack. The results is a product of high quality with yellow skins and good conservation.



CE-10229 Type EARLY-MIDDLE

Description

Short day of early cycle, similar to Spring Star. Little sensitive to bolting. Large bulbs which offer great production.



CE-10349 Type MIDDLE

Description

SHORT day variety and mid-late maturity, Can be harvested during the first week of May. Blue-green plant with medium vigor. Very good uniformity and hardness of the bulb. Direct sowings are recommended not before the beginning of October.

SHORT DAY



CE-10416

Type **MIDDLE**

Description

SHORT DAY variety and EARLY-MEDIUM ripening. The collections can begin the third week of APRIL. It develops a plant of good vigor and intense coloration with very good health. It produces large conical-rounded bulbs. Good behavior against premature rise to flower.



CE-10336

Description

AVERAGE-EARLY SHORT DAY onion, to harvest from April 20-23. It stands out for its vigorous, dark, very healthy and erect plant. Large bulbs, excellent color and firmness with a very nice conical-rounded shape.



CE-10368

Type **MIDDLE**

Description

MIDDLE cycle SHORT DAY onion, especially recommended for those producers where production takes precedence over early. Harvest can be started from the end of APRIL to the beginning of MAY with direct sowing from September 25 until mid-October. It produces large bulbs of rounded shape, very consistent and of great conservation.



CE-10257

Type **MIDDLE-LATE**

Description

SHORT DAY onion with medium-late maturation, for collections of the last week of APRIL. It stands out for the great vigor of the plant, the uniformity of the bulbs, dark external color, with very well closed skins and its great resistance that allows it to be sown in a wide range of dates.



CE-10389

Type **LATE**

Description

Variety of SWEET and flattened type of yellow color. Vigorous plant with erect bearing and green color. Recommended for direct sowing at the end of October in Andalusia or February transplants in Murcia for harvesting at the beginning of June. In previous plantings there is a risk of premature rise to flower.



Description

RED ONION SHORT DAY and EXTRA EARLY ripening for dry harvesting in early APRIL. It develops a large bulb with conical shape, slightly flattened and with a pinkish-red color. The inner red layers take 20-25 days to develop after harvest. It can be used for bunch pickings given its early bulb formation and its vigorous and healthy plant. Holds up the premature rise to flower very well.



CE-10407

Type **MIDDLE**

Description

Interesting variety of RED onion for SHORT day and MEDIUM ripening. Sowings can be made from mid-September for harvests at the end of APRIL without problem of premature rise to flower. It develops large bulbs of good color and conical shape.



CE-10371

Type **LATE**

Description

Short day variety of red onion, with LATE ripening although earlier than ON-5244. Plant of medium vigor and good health, erect bearing and light colored leaves. Round-oval bulb with intense red color and good size.

SHORT DAY



CE-10489

Type EXTRA LATE

Description

Short-day RED onion variety with EXTRA-LATE maturity, suitable for harvest at the end of May to early June. The bulb is slightly flattened and rounded in shape, with a deep red color throughout all its layers. Very healthy and dark plant, tolerates earing even in early sowings.

SHOWING & HARVESTING CALENDAR

VARIETY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
CE-10307			● ●							●		
CE-10144			●							●		
CE-10067			● ●	●						● ●		
CE-10327			●							● ●		
CE-10372			● ●	●						● ●		
CE-10090			● ●	●						● ●	●	
CE-10229			● ●	●						● ●	●	
CE-10349												
CE-10416												
CE-10336			● ●	●						● ●	●	
CE-10368			● ●	●							●	
CE-10413												
CE-10257			● ●	● ●							●	
CE-10389				● ●							● ●	●
CE-10409			● ●						● ●	●		
CE-10407				● ●							●	
CE-10371				● ●							●	
CE-10489			● ●	● ●							● ●	●

SHORT DAY

INTERMEDIATE DAY

**CE-10316**Type **EARLY-MIDDLE****Description**

INTERMEDIATE day variety and early ripening. Great uniformity of bulbs with good skin, good colour and very hard. Very healthy and vigorous plant with a nice green colour. Good results in La Mancha in transplants from 01/03 to 15/03 although it adapts well in a wide intermediate day sowing period.

**CE-10222**Type **MIDDLE****Description**

INTERMEDIATE day onion with very vigorous plant of intense GREEN color. It produces large bulbs, rounded shape and very good color.

**CE-10204**Type **LATE****Description**

INTERMEDIATE day WHITE onion, especially interesting for SPRING onions. It is noted for its uniformity, white color, rounded shape and straight plant of dark green color, very healthy. For dry, in its cycle, it produces high quality bulbs, very good size and excellent conservation.

VARIETY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
INTERMEDIATE DAY												
CE-10316					●						●	
CE-10222		●					●	●	●			
CE-10204		●					●	●	●			

LONG DAY



CE-10225

Type LATE

Description

LONG day WHITE onion and late maturity. Very interesting to get SPRING onions. GREEN plant, vigorous and very healthy. In dry, it produces round bulbs of very good size.



CE-10395

Type LATE

Description

YELLOW hybrid onion of LONG DAY and medium ripening. It stands out for the formation of large, round bulbs with many skins. Plant of medium vigor, clean green color, erect and very healthy habit.

VARIETY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
LONG DAY												
CE-10225												
CE-10395												

PUMPKIN



CZA-10008

Type **BUTTERNUT**

Description

Variety of VIOLIN type, average weight of 1.5 kg in length and between 9-12 cm of diameter. Excellent productive capacity and very uniform.

PAPAYA



**PPY-10006**Type **YELLOW****Description**

RED-ORANGE meat papaya with a small cavity. It develops 50% female plants with more rounded fruits of 1.7 kg and 50% hermaphrodites, with cylindrical-elongated fruits and up to 2.25 kg. The pulp is firm and sweet (12-13 Brix). It stands out for the aroma of the fruit and the low bearing of the plant. Harvesting is done 300 days after sowing. It is highly tolerant to PRSV (papaya ringspot virus).

**PPY-10014**Type **RED****Description**

Papaya with RED flesh, a medium-large fruit between 1.4 and 1.9 kg, and with continuous fruit set that offers great production. It develops 50% female plants, with more rounded fruits and 50% hermaphrodites, with more elongated fruits. The pulp is thick, with an attractive red color, firm and very sweet (12-13 Brix). Maturation between 240-270 days from sowing and low-growing plant. It has intermediate resistance to the PRSV virus (papaya ringspot virus).

**PPY-10016****Description**

Papaya with RED flesh and a medium-small fruit between 1.0-1.2 kg of average weight. It develops 50% female plants, with more rounded fruits and 50% hermaphrodites, with more elongated fruits. The pulp has an attractive red color, is firm and very sweet with 11-13 brix. Maturation between 240-270 days from sowing. Vigorous plant of markedly low growth. It has intermediate resistance to the PRSV virus.



PPY-10020 Type **RED**

Description
New development in the papaya market. It stands out for its low-growing plant habit, making it especially suitable for semi-cold greenhouse cultivation, with very early production. The fruits have an average weight of 1 kg, with high-quality red flesh and a long peduncle, which facilitates aeration and harvesting. Finally, at maturity, the skin is completely smooth, without spots. All these outstanding characteristics are combined in a single variety.

VARIETY CHARACTERISTICS

VARIETY	TYPE	PLANT	WEIGHT kg	BRIX	REMARKS
PPY-10006	Red-orange	50% hermaphrodites	1,7-2,25	12-13	Consistent production
PPY-10014	Red	50% hermaphrodites	1,7-2,0	12-13	Slightly elongated cylindrical fruits
PPY-10016	Red	50% hermaphrodites	1,0-1,2	12-13	Compact Plant
PPY-10020	Red	50% hermaphrodites	1,0	12-13	Compact Plant

PEPPER




P-10233

Type **RED BLOCKY**

Description

RED BLOCKY Variety. Vigorous plant and extra large fruit with very intense color both red and green. It develops four lobes and VERY THICK WALL.


P-10119

Type **YELLOW BLOCKY**

Description

Vigorous plants with good coverage and medium precocity. Square fruits 13x11 cm. and 4 well-defined locules. Its size and thick walls give it a very high average weight of 440-480 gr. It presents very regular production. The color when ripe is light yellow. It can be used both in outdoor and greenhouse cultivation. Resistant to TMVO and good response to nematode attack.


P-10370

Type **SWEET ITALIAN**

Description

Sweet Italian type variety for cultivation both in open field and GREENHOUSE. Very vigorous plant, healthy and very productive. The fruit is very long between 23-24 cm in length, medium color, thin wall, wrinkled although very straight.


P-9923

Type **SWEET ITALIAN**

Description

Sweet Italian type variety. Straight plant and open structure which increases the fruit quality. The fruits are light green color and have medium thickness walls which give a high weight and therefore a great production. The skin is smooth almost without constrictions which increases its domestic use.

**P-10131**Type **SWEET ITALIAN****Description**

Sweet Italian type variety. It is noted for its high production. Strong plant which produces many fruits in a staggered manner. The fruits are pointed or slightly marking the lobes. Thick wall which give a high yield for the farmers. Resistant to TMV0.

**P-10405**Type **SWEET ITALIAN****Description**

Sweet Italian type variety with good results in OPEN FIELD. The fruit is dark green, quite long, great diameter and thick wall which give good weight and great production. Medium vigorous plant. Wrinkled skin and slight constriction in the neck.

**P-10770**Type **SWEET ITALIAN****Description**

Variety of type ITALIAN SWEET finishing in point and with smooth skin. Straight fruit of about 19-20 cm in length and 5 cm in diameter with a weight of 150 g showing a medium green color. Plant of medium high vigor. Recommended for both outdoor and greenhouse cultivation.

**P-10803**Type **SWEET ITALIAN****Description**

Variety of type SWEET ITALIAN finishing in a little lobe "morrito" and with wrinkled and very fine skin. Very straight fruit of about 19-20 cm in length and 4 cm in diameter with a weight of 130 g showing a medium green color. Medium vigor plant. Recommended for both outdoor and greenhouse cultivation.



P-10335

Type YELLOW LAMUYO

Description

YELLOW Lamuyo variety with 3-4 lobes, early maturity and vigorous plant but quite compact which allows its development in OPEN FIELD for industry. Large fruit and complete range of resistances.

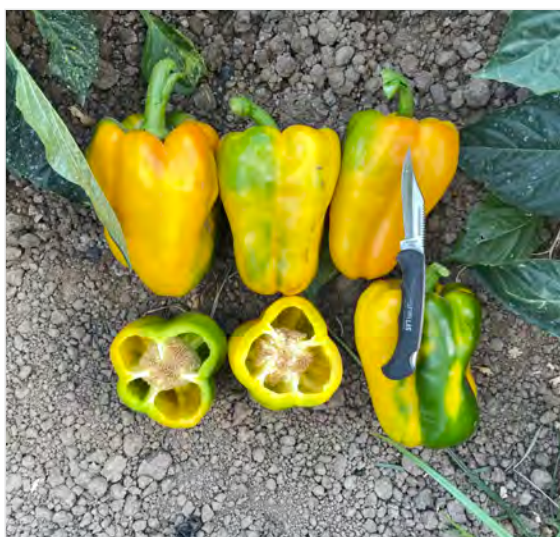


P-10749

Type YELLOW LAMUYO

Description

Variety of YELLOW pepper of the LAMUYO TRAPEZOIDAL type with thick fruit and very bright medium intensity coloration for OUTDOOR cultivation. Very dark and healthy plant that develops a medium vigor, remaining very contained and covering the fruits well.



P-11031

Type YELLOW LAMUYO

Description

Short, trapezoidal-shaped Lamuyo YELLOW type pepper, recommended for outdoor cultivation in INDUSTRY. The fruit, medium yellow in color, is straight, with a very thick, smooth and very shiny wall. Its average size is 12 x 8.5 cm and weight between 300-350 g. The plant is vigorous, dark and erect. Incorporates resistance to TSWV

**P-9002**Type **RED LAMUYO****Description**

Variety of large, Valencian type. It is notable for great vigor of plant. The fruit is long of 18-19 cm and weight of 300-320 g and thick wall between 7-8 cm. It is adapted both to cultivation in greenhouse and open field. It is noted for an attractive color of their ripe fruits.

**P-10114**Type **RED LAMUYO****Description**

VARIETY de fruto grande, Type Valenciano, que destaca por el gran vigor de su planta. El fruto es largo de 18-19 cm. WEIGHT entre 300-320 g y pared gruesa entre 7-8 mm. Esta adaptada tanto al cultivo en invernadero como al aire libre. La VARIETY se caracteriza por un atractivo color de sus frutos maduros.

**P-10294**Type **RED LAMUYO****Description**

Vigorous plant with a good vegetative cover. It is specially recommended for spring-summer in OPEN FIELD. LARGE FRUIT of smooth walls and very good firmness. It is noted for its yield and fruit quality. Resistant to TMV:0 (L1).



P-10459

Type **RED LAMUYO**

Description

RED Lamuyo of large size and slightly trapezoidal shape. Intense red color in maturity, thick wall, excellent uniformity and quite early. Plant of medium vigor and quite compact which allows to adapt both to OPEN FIELD and GREENHOUSE.



P-10751

Type **RED LAMUYO**

Description

RED LAMUYO type pepper for GREENHOUSE cultivation that noted for its great uniformity, earliness and high production of straight, large, heavy fruits with a very intense color, both green and ripe. Vigorous plant but with contained growth.



P-10540

Type **LONG SWEET YELLOW**

Description

SWEET PEPPER Variety of MALLORQUIN type of light yellow color which turns reddish-orange when it ripe. Fruit of 18x5 cm, pointed and wall of 5 mm. Great uniformity of fruits and high production.



P-10133

Type **HOT**

Description

Hot pepper of the Troner type with fruits 1-2 x 10-14 cm and a very spicy placenta. Bright green color that turns intense red when fully ripe. The plant is tall, with good vigor, very early cycle, which is characterized by notable fertility, guaranteeing high productions far superior to common standard varieties. Suitable for spring-summer cultivation both outdoors and in a greenhouse. It has high resistance (HR) to Tobamovirus (Tm:0-3)

**P-10160**Type **HOT****Description**

Hot pepper variety of 16 cm in length and 2-2.5 cm in diameter. Fruit straight, smooth, dark and finished in tip. Vigorous and dark tall plant.

**P-10847**Type **HOT****Description**

Long, dark green hot pepper of the Ayrael type, with semi-rough walls. The fruit is 20 cm long and 2.2 cm in diameter. It stands out for being very straight and productive.

**P-10893**Type **HOT****Description**

Variety of RED HABANERO type hot pepper between 5.0-5.5 cm in length. Vigorous and very healthy plant of light green colour and medium size.

**P-10356**Type **ANDALUS****Description**

Variety for MIDDLE EAST markets. It is typical mix between Lamuyo and sweet Italian of 4 mm thin wall, 18 cm long and 7 cm diameter. Very high production.

VARIETY CHARACTERISTICS

VARIETY	TYPE	RESISTANT	WEIGHT g	SIZE cm	REMARKS
P-10233		Xcv:1,2/TMV:0 (L1)	150-200	22 x 5	For open field only
P-10370		Tm: 0-2 (L3)	160-180	24 x 5	For greenhouses
P-9923		TMV:0 (L1)	150-200	22 x 5	Wide adaptability
P-10405		TSWV:0	210-230	19 x 6	For open field, heavy fruit
P-10131		TMV:0 (L1)	150-200	22 x 5	Wide adaptability
P-10803		Tm: 0-2 (L3)/ TSWV/Lt	130-150	20 x 4	Resistant to TSWV and Lt
P-10335		Tm: 0-2 (L3)/ TSWV:0	230-260	13 x 11	Processing Open field
P-10294		TMV:0 (L1)	350-380	16 x 9	Vigorous plant
P-10459		Tm: 0-2 (L3)/ TSWV:0	320-350	15 x 9	Thick wall
P-10751		TSWV	320-340	18 x 11	Early and productivity
P-9002		TMV:0 (L1)	300-320	14 x 10	Wide adaptability
P-10114		TMV:0 (L1)	300-320	18 x 11	Very good yield
P-10540		Xcv:1,2/TMV:0 (L1)	130-150	20 x 5	Very prolific
P-10160		TMV:0 (L1)	50 - 60	20 x 2,5	Hot narrow pepper
P-10847		Xcv/Lt/TMV:0 (L1)	45-50	20 x 2,2	Dark green
P-10356		TMV:0 (L1)	250-300	16 x 6	High yield

RADISH



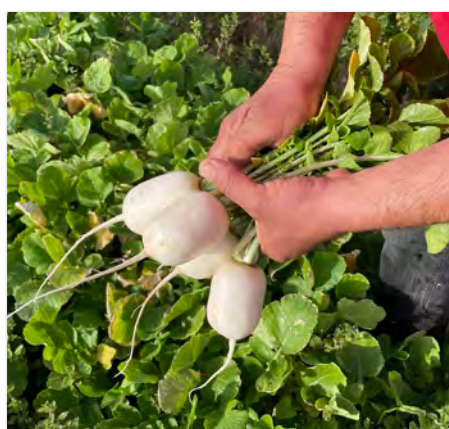


R-10026

Type PRIMAVERA-VERANO-OTOÑO

Description

WHITE radish variety for using in stews and salads. It is recommended for spring and summer sowings. It produces a very white root without green neck, of very smooth skin and cylindrical shape. 9-11 cm of length and 4.5-5 cm in diameter.



R-10074

Type INVIERNO

Description

WHITE RADISH variety, unique in the market for its high resistance to flower rise in winter plantings. It also stands out for its small but very dark and healthy plant. It develops a root perfectly cylindrical and very well finished, very white, smooth and without green neck.



R-10037

Type INVIERNO

Description

WHITE radish variety. It is a root RESISTANT to bolting. It is recommended for sowings with low temperatures. Quite smooth root with slight green neck. Very cylindrical shape and very uniform production.

VARIETY CHARACTERISTICS

VARIETY	TYPE	SHAPE	SOWING	WEIGHT g	SIZE cm	REMARKS
R-10026	White		Spring-sum.-autum	150-170	10 x 5	Highly uniform in shape and size
R-10074	White		Winter	160-170	10 x 5	High resistance to bolting
R-10037	White		All year	160-180	11 x 5	Light green shoulders

ROOTSTOCK





PRT-10202

Type **SHINTOSA**

Description

New hybrid rootstock, which has been developed to obtain great results in grafting. The size of the seed is 20% smaller than the conventional one and its main asset is the absence of damage to the cotyledons when it germinates and an extraordinary uniformity. The grafted plant develops VERY VIGOROUSLY.



PRT-10011

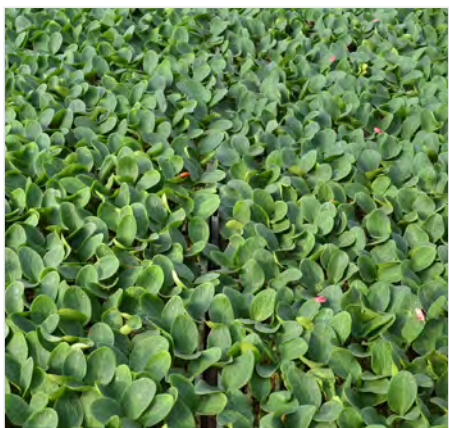
We offer this seed in **ORGANIC**

Type **WATERMELON**



Description

Citrullus lanatus variety. It also develops vigorous plants but less than SHINTOZAF1. It is recommended for farmers who need a smaller size than that provided by pumpkin. It is also recommended for fields with problems of nematodes. It has been proven that it increases more than 1° Brix with respect to the same variety without grafting and 1.5° Brix respect to pumpkin graft (which don't increase °Brix). Its performance in the nursery is very good with rapid and uniform germination. It provides plants with a good diameter which can be grafted using any method. It is necessary to sow at the same time as the variety.



PRT-10029

We offer this seed in **ORGANIC**

Type **SHINTOSA**



Description

This is a hybrid between C. maxima and C. moschata. The plant is vigorous with a powerful root system that minimally affects the characteristics of the grafted variety, resulting in high-quality fruit and good productivity in the field. In the seedbed, it achieves a high, uniform germination rate, increasing the yield of grafted plants. Approach grafting is recommended. Resistant to Fusarium oxysporum.



PRT-10213

Type **LAGENARIA**

Description

Lagenaria siceraria hybrid specially developed for use as rootstocks for watermelon, melon and cucumber. It develops a plant with good vigor that confers very high and high-quality productions with a very good response to fusarium pressure.



PRT-10207 Type SHINTOSA

Description

Hybrid rootstock of *C. maxima* and *C. moschata*. Developed for farmers who want a plant MORE VIGOROUS than RS 5058. In the seedbed, it develops a seedling of broad cotyledons without damage. That produces very uniform plants with a great use for grafting.



PRT-10149 Type TOMATO

Description

TOMATO rootstock variety that promotes a VIGOROUS and very dark plant, bearing large-caliber fruits. Good balance between early and full production. Extensive resistances package.

VARIETY CHARACTERISTICS

VARIETY	TYPE	RESISTANTS	REMARKS
PRT-10202	Shintosa	(HR): Fom: 0,1,2 (IR): VaVd/For/Fon: 0-2	The best for grafting by "púa"
 PRT-10011	Shintosa	MaMiMj	Unique nematode resistant
 PRT-10029	Shintosa	(HR): Fom: 0,1,2 (IR): For/Fon: 0,1,2	Best seller
PRT-10213	Lagenaria	(HR): Fom: 0,1,2 (IR): VaVd/For/Fon: 0,1,2	High vigor
PRT-10207	Shintosa	(HR): Fom: 0,1,2 (IR): VaVd/For/Fon: 0-2	High vigor
PRT-10149	Tomato	(HR): For: 3/Fol: 1,2,3/MaMiMj/ToMV: Tm2,Tm2a/Pf (IR): VaVd/Rs/PI/MaMiMj/	Resistant to Ralstonia

SQUASH

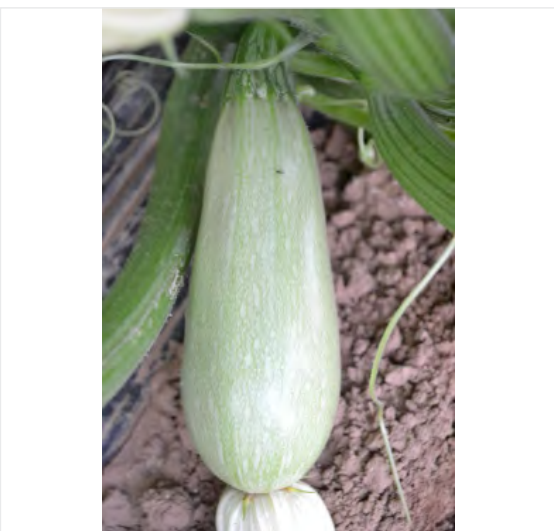



CZI-10258 Type **LEBANESE**
Description

Lebanese squash cylindrical fruit, slightly bleached, medium color, without edges and with little marble. It stands out for a strong, dark and healthy plant with very good production and extraordinary behavior in the presence of virus and powdery mildew. Good behavior in greenhouse cultivation where production is very concentrated. Resistant Px/CMV/ZYMV


CZI-10094 Type **LEBANESE**
Description

Variety of WHITE type. Vigorous plant, dark and healthy. It is notable for its lack of mottling on its leaves, and its low density which allows it to be grown in greenhouse. The fruit is slightly bulbous without edges, high uniformity, extremely healthy. Very resistant to VIRUS. Good result in winter cultivations. Resistant (IR): Px/CMV/WMV-2/ZYMV


CZI-9908 Type **BULBOUS**
Description

Very vigorous compact plant, which covers well the fruits, and doesn't produce side shoots. It emits flowers at all nodes. Fruits of 15-20 cm of length, and somewhat thickened at the base. Semi-bulbous shape. Color light green, mottled in dark tones. Earliness of 51-53 days.



CZI-10107 Type DARK GREEN

Description

DARK variety of vigorous plant but quite open, and dark color. Leaves are dark green, large, very serrated and mottled marked. The fruit is long, cylindrical and dark green with hardly mottling. It is noted for its excellent production, extraordinary resistance to VIRUS both in plant and fruit, and is resistant to POWDERY MILDEW too. Resistant Px /CMV/WMV/ ZYMV



CZI-10331 Type DARK GREEN

Description

VERY DARK GREEN cylindrical squash. Very straight fruit, uniform and slightly. Medium vigor plant, it has very good architecture and excellent resistance to powdery mildew and viruses. Resistant Px/CMV/ ZYMV.



CZI-10415 Type DARK GREEN

Description

Squash of MEDIUM GREEN type, specially developed for WINTER cultivation. It presents a very vigorous plant, with large, dark and highly mottled leaves with deep lobes. The cylindrical fruit has a medium green color, with a soft mottling and is very straight. Dimensions range are 20-21 cm in length and 4.7-5.3 cm in diameter.



CZI-10344 Type ZAPALLO

Description

Squash hybrid variety of ZAPALLO type, and GREEN color, with a flattened and slightly ribbed shape of 300 g of medium weight. Very large and vigorous plant, with light leaves, entire edge and without mottling. Very good resistance to viruses. Resistant Px



CZI-10410 Type YELLOW

Description

YELLOW squash, perfectly cylindrical and very straight, without strangulation. The fruit maintains its dark green peduncle from the beginning of the harvest. It stands out for its excellent response to virus and powdery mildew pressure, developing a vigorous plant with large leaves, very lobed and with intense mottling. Resistant Px/CMV/WMV/ZYMV



CZI-10363 Type GREYZINI

Description

WHITE BULBOUS SQUASH of greenish bottom and dark green edges. Very vigorous plant with a very dark color and leaves without mottling. It stands out for its great resistance to virus attack.



CZI-10368

Type GREYZINI

Description

Squash of GREYZINI type, BULBOUS shape, with a greenish background and dark green edges. Plant of medium vigor and dark color, with intense mottling. Very good production.

VARIETY CHARACTERISTICS

VARIETY	TYPE	RESISTANT	PLANT VIGOR	LEAF DENSITY	REMARKS
CZI-10258	White	Px/CMV/ZYMV	● ● ● ●		Nice greenish color
CZI-10094	White	(IR): Px/CMV/WMV/ZYMV	● ● ● ●		Also suitable in greenhouse
CZI-9908	Bulbous	(IR): Px	● ● ● ● ●		Traditional
CZI-10107	Dark green	Px /CMV/WMV/ ZYMV	● ● ● ●		Cylindrical and uniform
CZI-10331	Dark green	Px/CMV/ZYMV	● ● ● ●		Healthy plant
CZI-10415	Dark green	Px/CMV/ZYMV	● ● ● ● ●		Only winter
CZI-10344	Zapallo	Px	● ● ● ●		Flat shape
CZI-10410	Yellow	Px/CMV/WMV/ ZYMV	● ● ● ●		Cylindrical and uniform
CZI-10363	Greyzini	Px/CMV/ZYMV	● ● ● ●		Light green Greyzini
CZI-10368	Greyzini		● ● ● ●		Dark green Greyzini

DETERMINATE TOMATO





T-11286

Type **BEEF**

Description

DETERMINATE tomato variety, medium plant vigor, very compact size and good protection of the fruits. Very uniform round shape fruit with 260 gr average weight. Variety without green shoulder. Cracking resistant and very firm fruit. It has resistance to TYLCV and TSWV.



T-11753

Type **BEEF**

Description

DETERMINATE tomato variety, big fruit size, around 300 g, and smoothly flattened shape. Medium vigor plant well covered with large and dark leaves. Great production and good resistance in the field. It does not have a green shoulder.



T-12407

Type **BEEF**

Description

Tomato of DETERMINATED bearing, with THICK fruit and WITHOUT GREEN NECK. The fruit is multilocular, has an average weight of 340 g, is slightly flattened, gently ribbed, has good hardness and color. Withstands cracking conditions well. It develops a very vigorous plant.

**T-10665**Type **GREEN SHOULDER****Description**

DETERMINATE variety of strong and healthy plant with THICK fruit of 290-300 g and green shoulder. The fruit shape is flattened with slight ribbing. It is multilocular, very fleshy and excellent firmness. Early production.

**T-11549**Type **GREEN SHOULDER****Description**

DETERMINATE variety of flattened fruit, very thick of 300 g, very hard without cracking and slight green shoulder. It has good uniformity and color. Very healthy plant, dark and vigorous.

**T-11275**Type **GREEN SHOULDER****Description**

DETERMINATE tomato of flattened shape and slightly ribbed. Marked green shoulder and very nice color when it ripe. Resistant to cracking and very hard. Average weight of 290 g.



T-11305

Type **GREEN SHOULDER**

Description

DETERMINATE variety with medium vigorous and dark plant. Fruits of 260 g, uniform and firm and very marked green shoulder before ripening. It is especially recommended for harvest in DARK GREEN or ripe. Resistance to TMV/V/F:2/N and intermediate resistance to TSWV.



T-10097

Type **ELONGATE PEAR**

Description

PEAR type tomato. This is the first determinate variety of pear type, specially designed for the fresh market. It produces thick fruits of 150 g in progressive order with slight green shoulder, high firmness and excellent flavor. It has a wide range of resistances, making a healthy and productive cultivation in open field.



T-11073

Type **ELONGATE PEAR**

Description

DETERMINATE variety of pear type. Oval fruits of large size of 160-180 g, good firmness, excellent color and very resistant to cracking. Very productive.

**T-11769**Type **CHERRY PLUM****Description**

DETERMINATED variety of plum tomato. Fruit of 3.5 x 2.4 cm, with 15 g of average weight showing an intense red color and quite firm keeping an exceptional taste like cherry. Vigorous plant but very controlled and compact growth.

VARIETY CHARACTERISTICS

VARIETY	TYPE	RESISTANT	VIGOR	WEIGHT g
T-11286		VaVd/Fol:0,1/MaMiMj/TMV/TYLCV/ TSWV	● ● ●	260
T-11753		VaVd/Fol 1-2	● ● ●	300
T-12407		(HR): VaVd/Fol:1,2/ (IR):MaMiMj/TMV/TYLCV	● ● ● ●	340
T-11665		VaVd/Fol: 1,2	● ● ● ●	310
T-11549		VaVd	● ● ● ●	300
T-11275		VaVd/Fol: 1,2/TMV	● ● ●	290
T-11305		VaVd/Fol:0,1/MaMiMj/TMV/ TSWV	● ● ● ● ●	260
T-10097		VaVd/Fol: 1,2/MaMiMj/Pst/ TSWV	● ● ● ●	150
T-11073		VaVd/Fol:1,2,3/MaMiMj/TMV/TYLCV/ TSWV	● ● ● ● ●	170
T-11769		VaVd/Fol: 1,2/(IR): MaMiMj	● ● ●	15

INDETERMINATE TOMATO



**T-12338**

Type BEEF

Description

INDETERMINATE tomato of the BEEF type, with a flattened and softly rounded shape, and between 360-380 g of average weight. The fruit is almost multilocular and almost all meat and with a great uniformity in both shapes and weights. The plant is of medium vigor and light color.

**T-12098**

Type BEEF

Description

INDETERMINATE tomato type BEEF with a rounded shape and without green shoulder. Noted for its thick fruit, little ribbed and without cracking. Medium vigor plant with very good production.

**T-12720**

Type CLUSTER

Description

Variety of INDETERMINATE tomato of CLUSTER type that are noted for their great hardness, colour and spectacular flavour. Great uniformity in the formation of the bouquet and the size of the fruits. A healthy, strong, dark and very vigorous plant that has excellent behaviour in winter cultivation. It incorporates the triple resistance to TSWV, TYLCV and ToBRFV.



T-12719

Type **CLUSTER**

Description

A variety of INDETERMINATE tomatoes of the CLUSTER type with excellent uniformity in the formation of clusters, distribution and size of fruits. It is also noted for its excellent results in winter when it offers very good production. The fruit is slightly flattened and has a very good red colour. It incorporates the triple resistance to TSWV, TYLCV and ToBRFV.



T-12157

Type **RAFF**

Description

Tomate of RAFF type with soft green neck. It stands out for its very thick fruit of between 390-420 g, hard and lack of cracking despite its flat and ribbed shape. It develops a vigorous, dark and very healthy plant. It has resistance to TSWV.



T-9245

Type **GREEN SHOULDER**

Description

INDETERMINATED tomato of vigorous and very productive plant. Especially recommended for early production, both for open field and greenhouse. Thick fruit, multilocular, 270-300 gr. With green shoulder and slightly flattened round shape. It also noted for its great organoleptic quality. Ideal for domestic market. Resistant to nematodes.

**T-9652**

Type GREEN SHOULDER

Description

Resistant variety to SPOTTED. It is a variety of thick fruit (260–280 g), slightly flattened shape and slight green shoulders. It is noted for its firmness, excellent quality of multi lobed fruits and excellent production. The plant also has resistances to VFFN y TMV. Variety for cultivation in open field mainly.

**T-11276**

Type GREEN SHOULDER

Description

Plant of INDETERMINATED structure and medium vigor, with very short internodes. Fruit with GREEN SHOULDERS for harvesting in mature or green with very big shoulders and weight of 300 g, resisting the cracking very well. Good response to the TSWV virus.

**T-12724**

Type PEAR

Description

INDETERMINATE tomato of elongated oval type and small-medium size with good formation of CLUSTERS. It stands out for vigor of plant in the winter period that favors a large set of fruits giving a very high production. Fruit very hard and of very good color with no teats in winter setting and no fiber on walls. It incorporates double resistance to TYLCV and ToBRFV.



T-12722

Type PEAR ELONGATE

Description

INDETERMINATE size tomato of oval type of small size for export. It is noted for its very hard fruit and absence of teats in a winter setting. It incorporates resistance to TYLCV and ToBRFV.



T-11271

Type PEAR

Description

Plant of high medium vigor, open structure. Oval fruits, slightly longed, thick fruit of 120-140 g, very good vine formation to be harvested in clusters. It is notable for its production in any cycle and conditions, as well as for its rusticity and high resistance to viruses. Resistant to TMV/V/F:1,2 and intermediate resistance to TSWV and TYLCV.



T-11712

Type PEAR ELONGATE

Description

VARIETY of INDETERMINATE tomato of the OVAL type with extraordinary performance. Fat fruit of 170 g of medium WEIGHT, great hardness and very good uniformity even in bunch formation. Vigorous dark colored plant, with very good resistance to TYLCV and very productive. It does not form tetilla and is very little susceptible to blossom end rot.

**T-12418**

Type PEAR ELONGATE

Description

INDETERMINED tomato of the ELONGATED type of average weight 120-130 g. Fruit without ribs, of a very intense red colour, without green shoulders, without a tendency to cracking and without "tetilla" formation. Medium vigour plant with low foliar density.

**T-10871**

Type CHERRY

Description

Vigorous plant variety of wide and dark leaves. Round fruit of small size average weight 14-17 g with green shoulder which disappears when it ripe and very hard. It produces very uniform clusters of 10-15 fruits.

**T-12770**

Type HANG

Description

Indeterminate tomato variety the HANG type. Rounded pink fruit weighing between 80-90 g. Good firmness and resistance to cracking. The plant is light in color and has good vigor. Good production.



T-11310

Type PINK

Description

Variety of PINK tomato. The plant is vigorous, dark and very healthy. The fruit is slightly flattened of 290 gr, multilocular and excellent organoleptic quality. Avoiding water stress, it can reach great quality production because it resists well cracking. Intermediate resistance to TYLCV.



T-12698

Type PINK

Description

A novelty in the PINK TOMATO market with resistance to ToBRFV and TYLCV. This variety of INDETERMINATE type size stands out for its excellent adaptation both to winter cultivation in the greenhouse and outdoors. It produces a beef-like fruit, gently flattened, of good size, hard and with little ribbing.



T-12598

Type PINK

Description

PINK MARMAMDE type tomato without green shoulders. It stands out for its thick fruit of between 300-350 g, and the absence of cracking despite its flat and ribbed shape. It develops a very vigorous, very dark and very healthy plant and high production. It has double resistance to TSWV and TYLCV.

VARIETY	TYPE	VARIETY CHARACTERISTICS		
		RESISTANT	PLANT VIGOR	WEIGHT g
T-12338		VaVd/Fol: 0,1,2/MaMiMj/ToMV/TSWV/ (TyLCV)	● ● ●	370
T-12098		VaVd/Fol:1,2/For/MaMiMj/TMV/TSWV/ TYLCV	● ● ●	280
T-12720		Fol: 0,1/VaVd/ToMV/TYLCV/TSWV/ToBRFV	● ● ● ●	135
T-12719		Fol: 0,1/VaVd/ToMV/TYLCV/TSWV/ToBRFV	● ● ● ●	125
T-12157		VaVd/Fol:0/MaMiMj/For/TMV/TSWV	● ● ●	400
T-9245		VaVd/Fol: 0, 1/MaMiMj/TMV	● ● ●	290
T-9652		VaVd/Fol: 1, 2/For/MaMiMj/TMV/TSWV	● ● ●	280
T-11276		(HR): VaVd/Fol: 1, 2/TMV (IR): TSWV	● ● ●	300
T-12724		Fol: 0,1/VaVd/MaMiMj/Lt/ToMV/TYLCV/ToBRFV	● ● ● ●	130
T-12722		Fol: 1,2/VaVd/MaMiMj/ToMV/TYLCV/ToBRFV	● ● ● ●	140
T-11271		(HR): Va/Fol:1,2/TMV (IR): TYLCV/TSWV	● ● ● ●	130
T-12418		VaVd/Fol:1,2,3/MaMiMj/Pf/TMV/TYLCV/ TSWV	● ● ●	130
T-11712		VaVd/Fol: 0,1/For/TMV/TYLCV/TSWV	● ● ● ●	170
T-10871		VaVd/Fol: 1,2	● ● ● ●	15
★ T-12770		Fol: 0,1/Vd,Va/ToMV: 0,1,2/TSWV/TYLCV	● ●	85
T-11310		(HR): MaMiMj (IR): TYLCV	● ● ● ●	290
T-12698		Fol: 0,1,2/VaVd/ToMV/TYLCV/ ToBRFV	● ● ● ●	300
T-12598		ToMV/VaVd/Fol:0,1/TYLCV/ TSWV	● ● ● ●	330

PROCESSING TOMATO



**TP-284** Type **ROUND****Description**

EARLY cycle variety and medium-high vigor but confined inside the bed. This behavior allows easy cultivation in different conditions. Round fruit of 85 g very uniform and with very little fiber in wall and heart. It stands out for being very concentrated ripening. It offers very high productions

**TOP-199** Type **ROUND****Description**

Variety for processing tomato of MEDIUM cycle. It is noted for its dark green plant, rounded structure, vigorous but compact and specially healthy. Good response to attack of bacteria. Excellent production, very uniform with rounded fruits of good brix and size around 80 g. Resistances to VFFNP. Very balanced variety.

**TOP-536** Type **ROUND****Description**

Square-rounded tomato for CONCENTRATE and MEDIUM ripening. The fruit is quite large, between 110-115 g of average weight, with a brix between 4.8-5.1 and a very good production. The plant is vigorous, dark, very well covered and of great health.

**TOP-427** Type **ELONGATE****Description**

WHOLE PEEL tomato variety. It stands out for a vigorous and healthy plant that covers the fruit very well. Big fruit of 85 g, slightly pear shape and good color. Very good production.



TOP-88

Type **ELONGATE**

Description

PEELED tomato variety. Elongated pear type. Early and uniform production with high yield. The fruit can achieve an average weight of 90 g with good coloration and excellent brix. The plant is vigorous, balanced of dark green color, and with good cover.



TOP-86

Type **ELONGATE**

Description

Variety for peeling, pear type. It develops vigorous plant of medium green color, curled leaves and high adaptability to different growing conditions. Very high production. Fruit of 85 g and high brix. It is highly reputed in producer for entire peeled tomato. Resistance to VFFP.



TOP-85

Type **ELONGATE**

Description

Variety of ALL FLESH PEAR type. Vigorous plant of medium green color, curled leaves and good covered. It is noted for its excellent color, uniformity of fruits, easy to peel, great production and high brix, making it one of the favorites between farmers and producers. Resistances to VFP.



TOP-366

Type **ELONGATE ALL MEAT**

Description

ALL MEAT Tomato for Peeled. It develops a plant of medium vigor, well covered and without secondary formation. The fruit is of high quality with an average weight of 95 g, of great firmness, with few fiber or heart and very uniform. The production is extraordinary and don't appear blossom end rot.



TOP-111 Type ELONGATE ALL MEAT

Description

ALL FLESH variety for peeled entire. It develops vigorous plant of medium color and curly leaves. It is noted for its high production, and very big and hard fruit. It has very few rotten fruits in adverse conditions.



TOP-269 Type ROUND ALL MEAT

Description

ALL FLESH EARLY variety of rounded fruit slightly elongated. Very hard fruit, excellent color, absence of fiber and good brix.

VARIETY CHARACTERISTICS

VARIETY	SHAPE	RESISTANCE	MA-DURI-TY	PLANT VIGOR	WEIGHT g	REMARKS
TP-284	Round	VaVd/Fol: 1,2/MiMaMj/Pst	105	● ● ●	80	Good adaptability
TOP-199	Round	VaVd/Fol: 1,2/MiMaMj/Pst	110	● ● ●	80	Well-balanced
TOP-536	Round	(HR):VaVd/Fol: 0,1/Pst (IR): MaMiMj/TSWV	-	● ● ●	115	-
TOP-427	Elongate	VaVd/Fol: 1,2/MiMaMj/Pst/TSWV	115	● ● ● ●	85	Peeling variety TSWV resistance
TOP-88	Elongate	VaVd/Fol: 1,2/MiMaMj/Pst	115	● ● ● ●	90	Vigorous plant
TOP-86	Elongate	VaVd/Fol: 1,2/Pst	115	● ● ●	85	Classic for peeling
TOP-366	Elongate all meat	VaVd/Fol: 1,2/MiMaMj/Pst	115	● ● ●	95	Well-balanced
TOP-85	Elongate	VaVd/Fol: 0,1/Pst	115	● ● ●	80	Good adaptability
TOP-111	Elongate all meat	VaVd/Fol: 1,2/MiMaMj/Pst	120	● ● ● ● ●	75	Vigorous plant
TOP-269	Round all meat	VaVd/Fol: 1,2/MiMaMj/Pst	110	● ● ● ●	95	High processing quality

WATERMELON





S-10453

Type **BLACK**

Description

BLACK TRIPLOID variety of very dark rind. Very vigorous plant of large leaves. Fruit of round shape and medium size of 4.5 kg. Perfect uniformity and excellent brix, very crunchy flesh and perfect taste.



S-10343

Type **BLACK**

Description

BLACK TRIPLOID variety of skin with light veins. Perfectly rounded and 7 kg weight. Good internal color and high production.



S-10385

Type **BLACK**

Description

TRIPLOID variety of BLACK rind without veins, large fruit of 7,5 kg and rounded shape. Good Brix and high production.



S-11101

Type **BLACK**

Description

BLACK TRIPLOID watermelon with a softly veined rind. Rounded fruit of medium size, weighing between 4.5-5.5 kg. Plant of medium vigor. Very good early production.



S-10338

Type **STRIPED**

Description

TRIPLOID variety of small size. Crimson Sweet type darker and attractive. Round shape, slightly elongated, very uniform in shape and size. Weight between 2,5 - 3,5 kg, very nice internal color. It is noted for its great earliness which allows to be harvested as the black varieties. High °Brix level, wall of 8 mm and very resistant to cracking.



S-10393

Type **DARK STRIPED**

Description

TRIPLOID variety of dark stripes and 4.5 kg weight. Very good FLESH QUALITY, perfect flavor and texture, and intense red color. Excellent results in full field..



S-10766

Type **DARK STRIPED**

Description

New creation from Intersemillas in TRIPLOID STRIPED watermelon, with stripes and a dark background, where the extraordinary organoleptic quality of the fruit is combined with a vigorous, dark, and very healthy plant, along with high production and perfect adaptation to both greenhouse and open-field cultivation, as well as early and late seasons. Perfectly round fruit, with an average WEIGHT of 6.5-7.0 kg, notable for its great uniformity.

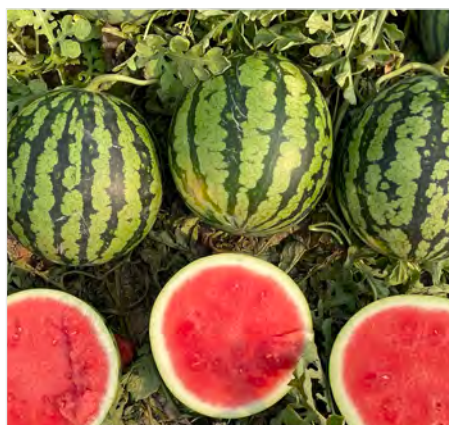


S-10816

Type **DARK STRIPED**

Description

TRIPLOID variety of the DARK STRIPED type that is part of the Zebra segment but with a completely round shape and a weight between 5.6-6.2 kg. It stands out for its FIRM pulp and very hard rind. Despite its only 12 mm, it makes it highly resistant to transport. All this together with an intense red pulp, very crunchy and sweet, combined with a vigorous, dark and very healthy plant, make it a very interesting variety for both FRESH and PROCESSED markets.



S-11107

Type **DARK STRIPED**

Description

TRIPLOID variety of the DARK STRIPED type and LARGE size that falls within the Zebra segment but with a completely round shape and weight between 5.5 and 6.5 kg. It stands out for its very crunchy and sweet pulp with a superb red color. The plant is very healthy and of medium vigor. Resistant to powdery mildew and anthracnose.



S-9412

Type **YELLOW - STRIPED**

Description

New arrival in the seedless watermelon market. This variety has the typical features of the yellow watermelons with its fibrous texture and higher sugar content. Average weight of 5-6 kg and very shiny yellow flesh. It is noted for its uniformity and yield. Striped skin.



S-10829

Type **YELLOW - STRIPED**

Description

YELLOW FLESH TRIPLOID watermelon. Noted for its great organoleptic quality and resistance to over-ripening. Recommended in early plantings where varieties of good size and productive potential are required and also in outdoor cultivation, in adverse conditions of high temperatures, where their quality is excellent.



S-10033

Type **RED - STRIPED**

Description

TRIPLOID variety of dark stripes and medium green background. It is a rounded watermelon that is noted for its intense red flesh and uniformity of sizes and shapes. Average weight between 7-10 kg.



S-10180

Type **RED STRIPED**

Description

TRIPLOID variety of striped rind. It is noted for its excellent germination which provides a solution to one of the great problems for this type of variety. It develops into a vigorous plant of dark color which produces round fruits of medium size. Red and firm flesh of excellent color, very few white seeds and high sugar content which permits an early harvest and high production. The flesh firmness offers a great resistance to over-ripening making it suitable for long transport distances.

VARIETY CHARACTERISTICS

VARIETY	TYPE	SHAPE	FLESH COLOR	WEIGHT Kg	REMARKS
S-10453	Black			4-5	Great taste
S-10343	Black			6-7,0	Light green stripes
S-10385	Black			7-9	The biggest fruit in black
★ S-11101	Black			4.5-5.5	-
S-10659	Striped			3,8-4,2	Taste and good shipping
S-10338	Striped			2,5-3,5	The best taste
S-10393	Dark striped			5,5-7,5	Great taste
S-10766	Dark striped			6,5-7,0	Rounded
S-10816	Dark striped			4,8-5,6	Very round, average size
★ S-11107	Dark striped			5,5-6,5	-
S-9412	Striped - yellow			5-6	Best seller
S-10829	Striped - yellow			5,5-6,5	Deep yellow fresh
S-10033	Striped - red			7-10	The biggest tiger
S-10180	Striped - red			5-7	Best seller

**S-9204**Type **BLACK****Description**

Variety of dark skin. It doesn't have any type of veining on the ripening. Round fruit and average weight of 4.5-5.2 kg. The rind is very resistant, which makes it good for transport. Flesh of intense red color and upper 14° Brix. Uniform fruit, both in shape and weight.

**S-10378**Type **BLACK****Description**

Variety of dark skin. It doesn't have any type of veining on the ripening. Round fruit and average weight of 4.5-5.2 kg. The rind is very resistant, which makes it good for transport. Flesh of intense red color and upper 14° Brix. Uniform fruit, both in shape and weight.

**S-10997**Type **BLACK****Description**

BLACK diploid watermelon that stands out for its incredible jet color, its resistance to breakage, a low number of small black seeds that combine with an extraordinary interior red color. It has a coefficient of H / DM of 1.1 and a weight between 10-11 kg. Plant with good vigor and health.



S-10117

Type **STRIPED RED**

Description

CRIMSOM SWEET type variety. Early production, high Brix level, thin skin and intense red flesh. The fruit weighs around 10 kg, rounded shape with 20 cm long and 17-18 cm diameter. Good performance both in open field and greenhouse.



S-10409

Type **ELONGATE STRIPED**

Description

Variety of VERY ELONGATED watermelon rate L/D 1.8 cm and 14 kg weight. Medium green stripes and very wide that almost completes the white background. Few black seeds of medium size. Very good production and high brix level.



S-10295

Type **ELONGATE STRIPED**

Description

CRIMSON SWEET type variety . Fruit of 11-13 kg with clearly elongated shape and rate L/D 1.54. Skin with wide green stripes, very diffused, leaving little space for the white background. The fruit has very few dark seeds of dark color and medium size. Thick rind of 19 cm. Good Brix and production.

**S-10754**Type **MINI MICROSEEDS****Description**

New arrival to the MICROSEED market. This variety shows very few amount and smaller seeds than the rest of current varieties. The shape is perfectly ROUND with an average weight between 2-2.4 kg and striped rid. Very healthy and vigorous plant that gives it extraordinary production and great pollination capacity.

**S-10979**Type **MINI MICROSEEDS****Description**

MICROSSEED watermelon of the Minimicro type with good interior color, vigorous plant with very good health and very small seed. The size of the fruit ranges between 2-3 kg. It stands out for its good brix grade and high production.

VARIETY CHARACTERISTICS

VARIETY	TYPE	SHAPE	FLESH COLOR	WEIGHT Kg	REMARKS
S-9204	Black			5-7	Perfectly round
S-10378	Black			9-11	The biggest black
★ S-10997	Black			10-11	-
S-10117	Striped red			8-10	Best seller
S-10409	Elongate Striped red			12-14	Very elongated
S-10295	Elongate Striped red			11-13	Elongated for domestic
S-10754	Mini microseeds			2-2,5	Low seed content
S-10979	Mini microseeds			2-3	Few seeds and small



Diseases are one of the main causes of crop losses.

The cultivated plants coexist with a multitude of microorganisms such as viruses, bacteria, fungi or nematodes. Sometimes, the interaction with certain microorganisms produces visible damages in the plants.

A disease is nothing more than an alteration of the normal development of a plant as a result of the prolonged interaction between the plant and a microorganism under favorable environmental conditions.

Plant breeding has offered and can offer solutions through the development of disease resistant varieties.

Two levels of resistance are defined High or standard resistance (HR) and Moderate or intermediate resistance (IR)

Capsicum annuum | PEPPER

PATHOGEN (Scientific name)	English common name	Spanish common name	Code
VIRUSES			
<i>Tobacco mosaic virus</i>	Tobacco mosaic	Virus del mosaico del tabaco	TMV:0 (L1)
<i>Tomato mosaic virus</i>	Tomato mosaic	Virus del mosaico del tomate	ToMV
<i>Tomato spotted wilt virus</i>	Tomato spotted wilt	Virus del bronceado del tomate	TSWV
BACTERIA			
<i>Xanthomonas campestris pv. vesicatoria</i>	Bacterial spot	Xanthomonas, Mancha bacteriana	Xcv
FUNGI			
<i>Leveillula taurica</i>	Powdery mildew	Oidio	Lt

Carica papaya | PAPAYA

VIRUS			
<i>Papaya ringspot virus</i>	Papaya ringspot virus	Virus de las manchas anulares de la papaya	PRSV

***Cucumis melo* | MELON**

PATHOGEN (Scientific name)	English common name	Spanish common name	Code
VIRUSES			
<i>Melon necrotic spot virus</i>	Melon necrotic spot	Virus del cribado del melón, Virus de las manchas necróticas del melón	MNSV
FUNGI			
<i>Fusarium oxysporum f. sp. melonis</i>	Fusarium wilt	Fusarium	Fom
<i>Podosphaera xanthii</i>	Powdery mildew	Oidio	Px

***Cucumis sativus* | CUCUMBER**

PATHOGEN (Scientific name)	English common name	Spanish common name	Code
VIRUSES			
<i>Cucumber mosaic virus</i>	Cucumber mosaic	Virus del mosaico del pepino	CMV
<i>Papaya ringspot virus</i>	Papaya ringspot virus	Virus de las manchas anulares de la papaya	PRSV
<i>Watermelon mosaic</i>	Watermelon mosaic	Virus del mosaico de la sandía	WMV
<i>Zucchini yellow mosaic virus</i>	Zucchini yellows	Virus del mosaico amarillo del calabacín	ZYMV
BACTERIA			
<i>Pseudomonas syringae pv. lachrymans</i>	Angular leaf spot	Mancha angular de las cucurbitáceas	Psl
FUNGI			
<i>Colletotrichum orbiculare</i>	Anthrachnose	Antracnosis	Co
<i>Pseudoperonospora cubensis</i>	Downy mildew	Mildiu	Pcu

***Cucurbita pepo, C. maxima, C. moschata* | SQUASH**

PATHOGEN (Scientific name)	English common name	Spanish common name	Code
VIRUSES			
<i>Cucumber mosaic virus</i>	Cucumber mosaic	Virus del mosaico del pepino	CMV
<i>Watermelon mosaic</i>	Watermelon mosaic	Virus del mosaico de la sandía	WMV
<i>Zucchini yellow mosaic virus</i>	Zucchini yellows	Virus del mosaico amarillo del calabacín	ZYMV
FUNGI			
<i>Podosphaera xanthii</i>	Powdery mildew	Oidio	Px

Solanum lycopersicum (ex *Lycopersicon esculentum*) | TOMATO

PATHOGEN (Scientific name)	English common name	Spanish common name	Code
VIRUSES			
<i>Tobacco mosaic virus</i>	Tobacco mosaic	Virus del mosaico del tabaco	TMV
<i>Tomato mosaic virus</i>	Tomato mosaic	Virus del mosaico del tomate	ToMV
<i>Tomato brown rugose fruit virus</i>	Tomato brown rugose fruit	Virus rugoso del tomate	ToBRFV
<i>Tomato spotted wilt virus</i>	Tomato spotted wilt	Virus del bronceado del tomate	TSWV
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl	Virus de la cuchara; Virus del rizado amarillo del tomate	TYLCV
BACTERIA			
<i>Pseudomonas syringae</i> pv. <i>tomato</i>	Bacterial speck	Mancha bacteriana o peca del tomate	Pst
<i>Ralstonia solanacearum</i>	Bacterial wilt	Podredumbre parda de la patata; Marchitez bacteriana de las solanáceas	Rs
FUNGI			
<i>Fusarium oxysporum</i> f. sp. <i>lycopersic</i>	Fusarium wilt	Fusariosis	Fol
<i>Fusarium oxysporum</i> f. sp. <i>radicis - lycopersici</i>	Fusarium crown and root rot	Fusariosis	For
<i>Leveillula taurica</i>	Powdery mildew	Oidio	Lt
<i>Passalora fulva</i> (ex <i>Fulvia fulva</i>)	Leaf mold	Cladosporiosis del tomate	Pf (ex Ff)
<i>Phytophthora infestans</i>	Late blight	Mildiu	Pi
<i>Pyrenochaeta lycopersici</i> (now <i>Pseudo-pyrenochaeta lycopersici</i>)	Corky root rot	Acorchamiento de raíz	PI
<i>Verticillium albo-atrum</i>	Verticillium wilt	Verticilosis	Va
<i>Verticillium dahliae</i>	Verticillium wilt	Verticilosis	Vd
NEMATODES			
<i>Meloidogyne arenaria</i>	Root-knot	Nemátodos	Ma
<i>Meloidogyne incognita</i>	Root-knot	Nemátodos	Mi
<i>Meloidogyne javanica</i>	Root-knot	Nemátodos	Mj

Prophylactic or phytosanitary measures must be used in addition to existing genetic resistance.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

This image shows a full page of blank, lined paper. It features approximately 28 horizontal blue or grey lines spaced evenly apart, typical of notebook paper. The lines extend across the entire width of the page, leaving small margins at the top and bottom. There are no vertical lines, text, or other markings on the page.



Lined area for notes, consisting of multiple horizontal lines.



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