

2021

INTERNATIONAL
CATALOGUE

 **INTERSEMILLAS**
INNOVACIÓN · SERVICIO · ASESORAMIENTO

HYBRID VEGETABLE SEEDS



Seeds, the beginning of a life

www.intersemillas.com



COMPANY PROFILE

INTERSEMILLAS founded in 1983, our headquarter in Valencia and 9 offices in Spain and Portugal. We are leading ahead of spanish seed companies internally and globally.

OBJECTIVES AND EVOLUTION

Our primary purpose is to deliver efficient and productive work to our customers.

Since we have been expert in the agricultural field, we have professional teams to assist the farmers to solve the problem.

THE MAIN PRODUCTS VEGETABLE CROPS

Vegetable seeds are the main activity in our company. Cucurbits and solanaceois crops are the most outstanding crops. Moreover, the other vegetable seeds such as onion, broccoli and cabbage are popular in the market. We also offer a wide range of species for landscaping, for example flowers, trees, grass seeds and cover crops.

COMMITMENT OF THE QUALITY, R+D+i

The mission of our company, our priority for quality, and the rigours control of our germination, we also ensure the high purity and uniformity of our hybrids.

We achieve this using the most advanced technologies, such as in vitro culture techniques, PCR, PCR realtime, etc, resulting in the research and production of our own seeds.

INTEGRATED SERVICE AND PRODUCT INNOVATION

With our professional and fast response ability, we are committed to serving and building strong partnerships with our customers.

We pride ourself in providing relevant and timely products that meet the needs of our customers. We attend Fairs and Congresses. Also, we organize Open Field.

OUR GUARANTEE

We sowed the roots of our passion and professionalism 35 years ago in the very fields we serve today.

HYBRID VEGETABLE SEEDS

SEEDS

| | |
|----------------------|-------|
| BROCCOLI | p. 4 |
| CUCUMBER | p. 6 |
| EGGPLANT | p. 10 |
| MELON | p. 14 |
| ONION | p. 21 |
| PEPPER | p. 29 |
| PUMKIN | p. 36 |
| RADISH | p. 37 |
| ROOTSTOCK | p. 40 |
| SQUASH | p. 42 |
| DETERMINATE TOMATO | p. 47 |
| INDETERMINATE TOMATO | p. 53 |
| PROCESSING TOMATO | p. 60 |
| WATERMELON | p. 66 |



BROCCOLI



**BR-5338**Type **SPRING****Description**

Recommended for **SPRING** transplant and high areas in Summer. It is noted for its good performance in heat conditions, with a compact plant, medium green color and rounded structure. The head is round, well formed and of medium grain. Absence of internal leaves. These features make it very indicated for this time.

**BR-5106**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-5338 | Spring | ● ● ● ● | 600-700 | 100 | Medium size beads |
| BR-5106 | Winter | ● ● ● ● | 750-900 | 130 | Healthy plant |

CUCUMBER



**CU-5506**

Type BEIT WINTER

Description

Beit alpha variety with one fruit per node for WINTER cultivation and good results also in summer. Very vigorous plant, dark and healthy. Long fruits of 19,5 cm long and medium green color. Very high production.

**CU-5344**

Type DUTCH

Description

EARLY CYCLE. It is recommended for sowing in July (early Autumn) and February (early Spring). It is noted for its fruit quality throughout the production. The plant has intermediate vigor, short internodes and 1-2 fruits per node. The fruits have a stable length during the whole cycle, straight and attractive dark green color. Resistances to CVYV and CYSDV.



Type DUTCH

CU-5534**Description**

LATE CYCLE. It is recommend for sowing in mid September and all of October. Vigorous plant and very well balanced, short internodes and very productive. High fruit quality, fruit length of 30-32 cm, very well ribbed, dark and bright color. It re-sprouts easily and maintains sizes during the whole cycle with very good final yields.



CU-5346

Type **DUTCH**

Description

INTERMEDIATE CYCLE. Variety with excellent vigor and high yield. It is recommended for intermediate cycle. It has dark green leaves, nice open plant habit, well balanced and with many re-sprouts which give a long production cycle. It has 1-2 fruits per internode, dark green color. It is noted for its ribbed which maintains well in cold times. Resistances to CVYV.



CU-5772

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.

**CU-5312**

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.

**CU-5720**

Type SLICER

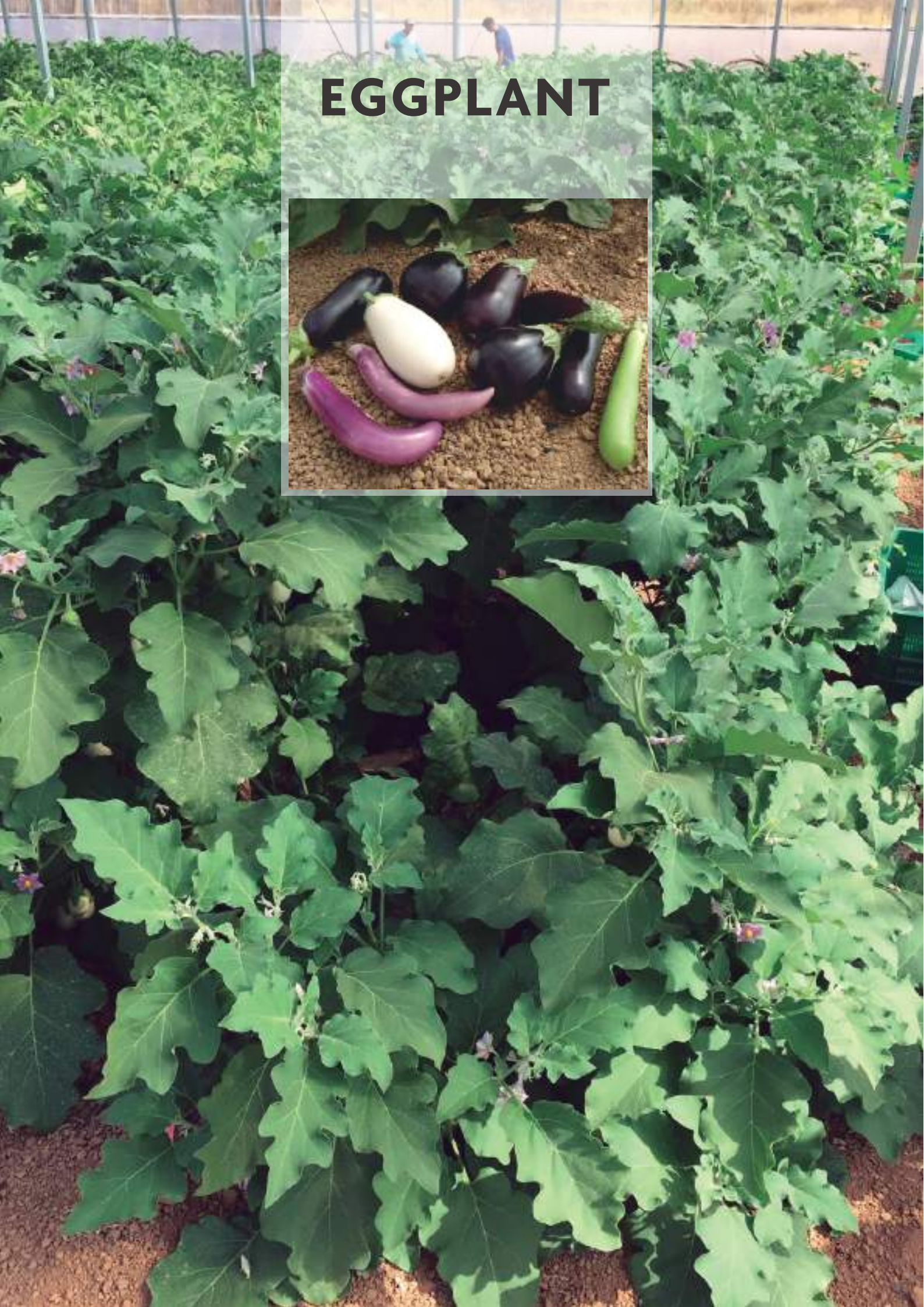
Description

Slicer cucumber variety, very dark color and PARTHENOCAPIIC, size of 21x4.4 cm and average weight of 240 g.

VARIETY CHARACTERISTICS

| VARIETY | TYPE | VIGOR | WEIGHT g | LENGTH cm | REMARKS |
|---------|-------------|---------|----------|-----------|---------------------|
| CU-5506 | Beit winter | ● ● ● ● | 230 | 18-19.5 | One fruit per node |
| CU-5344 | Dutch | ● ● ● ● | 380 | 30-32 | Early sowing |
| CU-5534 | Dutch | ● ● ● ● | 350 | 30-32 | Late sowing |
| CU-5346 | Dutch | ● ● ● ● | 380 | 30-32 | Intermediate sowing |
| CU-5772 | Pickling | ● ● ● | 180 | 15-17 | Full dark green |
| CU-5312 | Slicer | ● ● ● | 200 | 19-22 | Wide adaptability |
| CU-5720 | Slicer | ● ● ● ● | 220 | 19-21 | Parthenocarpic |

EGGPLANT



**EG-5094**

Type HALF LONG WHITE

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.

**EG-3202**

Type LONG

Description

Variety of LONG fruit. Its length is 22-25 cm and 4-5 cm diameter. Average weight between 220-240 g. The plant has straight structure and medium vigor with dark green coloration and adapted to difficult conditions. The production is early and very high. It has spines.



Type LONG

EG-5096**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.



EG-4804

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 lobed fruits.



EG-5138

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.



EG-5236

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 g. 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.



Phase 3

EG-5480

Type **SEMILONG**

Description

SEMILONG hybrid variety SPINELESS. It is recommended for greenhouse and outdoor cultivation. It develops a vigorous plant with a very erect habit. Extraordinarily dark and shiny fruits with a rounded finish with a medium-sized green calyx.



Phase 3
EG-5546

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.


Type STRIPPED

EG-5204

Description

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

VARIETY CHARACTERISTICS

| VARIETY | TYPE | PLANT VIGOR | WEIGHT g | LENGTH cm | REMARKS |
|---|---|-------------|----------|-----------|----------------------------|
| EG-5094 |  | ● ● ● | 420-450 | 15-16 | Very tender |
| EG-3202 |  | ● ● | 220-240 | 22-25 | Some spines |
| EG-5096 |  | ● ● ● | 250-280 | 27-30 | Spineless, deep black |
| EG-4804 |  | ● ● ● ● | 290-310 | 15-16 | Some spines |
| EG-5138 |  | ● ● ● ● | 350-380 | 15-16 | Spineless |
| EG-5236 |  | ● ● ● | 300-330 | 18-19 | Some spines |
|  EG-5480 ³ |  | ● ● ● ● | 300-330 | 18-19 | Open field and greenhouse |
|  EG-5546 ³ |  | ● ● ● ● | 300-330 | 17-18 | Very early |
| EG-5204 |  | ● ● ● ● ● | 380-400 | 16-17 | Spineless, very good yield |

MELON



**M-5266**

Type ANANAS

Description

ANANAS type melon for the Middle East markets. The plant is very vigorous, dark and very healthy. The fruits have very uniform netting of 6.5 kg and excellent production.

**M-5268**

Type ANANAS

Description

ANANAS type melon for the Middle East markets. The plant is vigorous, dark and very healthy. The fruits have very uniform netting of 4.8 kg. Very productive variety.

**Phase 3
M-5796**

Type ANANAS

Description

ANANAS type melon of big size and creamy color flesh. Thick fruit between 4-5 kg, hard flesh and plentiful netting but smooth. Good uniform fruit and high production.

**Phase 3
M-5866**

Type ANANAS

Description

ANANAS type melon and 3-4 kg average weight. Elongated fruits of rounded ends with medium netting but very plentiful. Hard flesh very sweet with little cavity. It develops vigorous and healthy plant.



M-5686

Type **ANANAS ORANGE**

Description

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



M-5278

Type **BRANCO**

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.



Phase 3
M-5610

Type **GALIA**

Description

GALIA melon of Long Shelf Life type with excellent organoleptic quality. It stands out for its very vigorous, dark plant with very good health. Round fruit of 1.3-1.6 kg. Extraordinary production and very uniform.



M-5730

Type **GALIA**

Description

GALIA variety of vigorous plant and medium color. The fruit has rounded shape slightly ribbed and abundant and uniform netting. Weight around of 2 kg and very hard flesh.

**M-5888**

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-5890**

Type SAPO

Description

PIEL DE SAPO melon very netted. The fruit is rounded, slightly oval, of MEDIUM size that oscillates around 4.0 kg. It is recommended for early crops in greenhouse. This variety emphasizes the consistency of the meat, ideal for transport over long distances, without detriment to a high organoleptic quality and associated with a particular crispy meat. Melon for export.

**M-5922**

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-5926**

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. Its "average size", around 3.2 kg, make it very appealing for both the domestic and export markets. It offers excellent results in late plantations.



Phase 3 M-6028

Type SAPO

Description

PIEL DE SAPO melon 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-5770

Type SAPO ORANGE FLESH

Description

New arrival in the PIEL DE SAPO melons with ORANGE FLESH. With good adaptation both to early cultivations in greenhouse and late cultivations in open field. The rind has a typical piel de sapo melons which appears in its optimum state of maturity. The flesh is crunchy with excellent organoleptic quality and very good conservation. The average weight is between 1.5-2 kg in early cultivations until 4-5 kg in late cultivations in midsummer.



M-5998

Type SAPO ORANGE FLESH

Description

New in the market, this exclusive PIEL DE SAPO / ORANGE FLESH. This variety stands out for the uniformity of weights and shapes independently of the area and time of cultivation. It offers fruits of oval shape and with an average weight between 2.5-3.0 kg. It produce a medium, soft and longitudinal netting and provides an excellent organoleptic quality. The plant has a good behavior against powdery mildew attacks.



M-5256

Type YELLOW CANARY

Description

Yellow melon variety. Medium vigorous plant with an excellent production. Fruit weight around 2,6-3 kg with good brix, intense yellow color and without cavity. Soft ribs and slight netting. It is recommended for early cultivations.

**M-5284**

Type YELLOW ORANGE FLESH

Description

Variety of yellow melon and ORANGE FLESH, smooth skin, without ribs, very little netting. Round fruit of small size (1-1.5 kg), small cavity and orange flesh. Medium vigorous plant of light color. Very sweet above 17.5°.

**M-5428**

Type YELLOW ORANGE FLESH

Description

YELLOW fruit of ORANGE flesh, rounded shape and crunchy flesh. It is noted for its vigorous and healthy plant which allow good and sustained production. Fruit between 1.2-1.6 kg with excellent brix of 17.5°.






























Type YELLOW ORANGE FLESH

Phase 3
M-5510**Description**

YELLOW melon variety of ORANGE flesh, intense external color. Good brix level and crunchy texture.

VARIETY CHARACTERISTICS

| VARIETY | TYPE | PLANT VIGOR | WEIGHT Kg | FRESH COLOR | RESISTANT | REMARKS |
|---|---------------------|-------------|-----------|---|-----------------------|----------------------------------|
| M-5266 | Ananas | ● ● ● ● | 6,5 |  | | Big fruit |
| M-5268 | Ananas | ● ● ● | 4,8 |  | | Oval shape, uniform netting |
|  M-5796 ³ | Ananas | ● ● ● | 4-5 |  | | Oval shape, soft netting |
|  M-5866 ³ | Ananas | ● ● ● | 3-4 |  | | Firm meat and healthy plant |
|  M-5686 | Ananas orange | ● ● ● | 2,7 |  | | Very firm meat |
| M-5278 | Branco | ● ● ● | 4-5 |  | | Early maturing |
|  M-5610 ³ | Galia | ● ● ● | 1,3-1,6 |  | Fusarium. Oidio | Very good taste |
| M-5730 | Galia | ● ● | 2 |  | | Traditional galia |
| M-5888 | Sapo | ● ● ● | 4,8-5,3 |  | MSNV/Px | Big fruit |
| M-5890 | Sapo | ● ● ● | 4,2 |  | MSNV/Px | Medium size |
| M-5922 | Sapo | ● ● ● | 4-5 |  | MSNV/ Fom:0,1,2/Px | Very nice netting |
| M-5926 | Sapo | ● ● ● ● | 3,2-3,6 |  | MSNV/Px | For late planting |
|  M-6028 ³ | Sapo | ● ● ● | 5,5-6,5 |  | MSNV/ Fom:0,1,2/Px | Small fruit size |
| M-5770 | Sapo orange flesh | ● ● | 2-4,5 |  | Fom:0,1/Px | Incredible taste and storability |
| M-5998 | Sapo orange flesh | ● ● ● | 2,5-3 |  | MNSV/Fom:0,1/ Px | Consistent fruit size |
| M-5256 | Yellow canary | ● ● ● | 2,6-3 |  | F2 PM1,2 | Early sowings |
| M-5284 | Yellow orange flesh | ● ● | 1-1,5 |  | | High brix |
| M-5428 | Yellow orange flesh | ● ● ● | 1,2-1,6 |  | | High brix and vigorous plant |
|  M-5510 ³ | Yellow orange flesh | ● ● | 1-1,5 |  | | High brix and medium plant |

 Developing variety  New

ONION



SHORT DAY



ON-5244

Type RED LATE

Description

Short day RED onion and late maturity. On the Mediterranean coast it is harvested at the end of May/beginning of June. It is noted for its high production of large bulbs with pear shape, slightly flattened, and intense red color in all its layers. It endures well bolting, still in early sowing.



ON-5288

Type YELLOW EXTRA EARLY

Description

Super extra early variety. 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.



ON-5462

Type YELLOW EXTRA EARLY

Description

Variety of extraordinary earliness for harvesting even at the end of March. The plant is quite vigorous and straight and tall stem. It is noted for its high uniformity, rounded shape, intense yellow color and little sensitive to bolting.



ON-5476

Type YELLOW EXTRA EARLY

Description

Variety of extraordinary earliness for harvesting even at the end of March. Vigorous plant, dark and very healthy. Intense yellow bulbs.

SHORT DAY

**ON-5614**Type **YELLOW EXTRA EARLY****Description**

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 300g of average weight.

**ON-5654**Type **YELLOW EXTRA EARLY****Description**

EXTRA 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.



Phase 3

ON-5702Type **YELLOW EXTRA EARLY****Description**

Novelty in SHORT day onion and SUPER EXTRA EARLY cycle. It can be harvested in mid-March with bulbs of large size and dark color.

**ON-5134**Type **YELLOW EARLY****Description**

Short day yellow onion variety. Extra early. 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.

SHORT DAY



Phase 3

ON-5744

Type **YELLOW 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.



ON-5180

Type **YELLOW MEDIUM EARLY**

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.



ON-5672

Type **YELLOW MEDIUM EARLY**

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.



ON-5458

Type **YELLOW MEDIUM**

Description

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

SHORT DAY

**ON-5528**Type **YELLOW MEDIUM****Description**

SHORT DAY onion and MEDIUM cycle for final APRIL harvest. It stands out for its vigorous plant of erect bearing, dark color and very healthy. Very thick bulb, rounded and very good color. Great production.

**ON-5736**Type **YELLOW MEDIUM****Description**

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.

**ON-5162**Type **YELLOW LATE****Description**

Hybrid variety of short day and late maturity, similar cycle to BABOSA , slightly later but with great quality and conservation, allowing to reach the long day onions with them. Excellent production of round bulbs, large, very dark and with many skins.

**ON-5334**Type **YELLOW LATE****Description**

Short day variety, late maturing for harvesting at the beginning of May. It is noted for its good uniformity and bulb size, color, firmness and conservation.

SHORT DAY






ON-5514

Type YELLOW 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.

SOWING & HARVESTING CALENDAR

| VARIETY | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ON-5244 | | | ● | ●● | | | | | | | ● | ● |
| ON-5288 | | | ● | | | | | | ● | ● | | |
| ON-5462 | | | ● | | | | | | ● | ● | | |
| ON-5476 | | | | | | | | | | | | |
|  ON-5614 | | | ●● | | | | | | ●● | | | |
| ON-5654 | | | ● | | | | | | | ●● | | |
|  ON-5702 ³ | | | | | | | | | | | | |
| ON-5134 | | | ● | ● | | | | | | ● | | |
|  ON-5744 ³ | | | | | | | | | | | | |
| ON-5180 | | | ● | ● | | | | | | ●● | | |
| ON-5672 | | | ● | ● | | | | | | ●● | | |
| ON-5458 | | | ● | ● | | | | | | | ● | |
|  ON-5528 | | | ● | ● | | | | | | ●● | | |
| ON-5736 | | | ● | ● | | | | | | | ● | |
| ON-5162 | | | | ●● | | | | | | ●● | | |
| ON-5334 | | | ● | ●● | | | | | | | ●● | |
| ON-5514 | | | ● | ●● | | | | | | | ● | |

SHORT DAY

 Developing variety
 New

INTERMEDIATE DAY



ON-5130

Type INTERMEDIATE DAY YELLOW

Description

Variety of INTERMEDIATE day. The plant is straight with an intense blue green color and very healthy. The bulbs are round, slightly flattened with excellent coloration. It is very resistant to bolting.



ON-5136

Type INTERMEDIATE DAY YELLOW

Description

Intermediate day yellow variety. It develops a big yellow bulb and high production of large bulbs which is the most valued for the growers.











ON-5436

Type INTERMEDIATE DAY YELLOW

Description

LONG DAY onion but very early maturity within the Granex type. Large bulb, hard and heavy. It has high uniformity and early harvest and it is also noted for the GREEN color of the plant.

SOWING & HARVESTING CALENDAR

| VARIETY | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | INTERMEDIATE DAY |
|---------|---|-----|-----|-----|---|-----|-----|-----|-----|-----|---|---|------------------|
| ON-5130 | | | | |  | | | | | | |  | |
| ON-5136 | | | | |  | | | | | |  |  | |
| ON-5436 |  | | | |  | | | | | | |  | |

LONG DAY



ON-5444

Type **LONG DAY WHITE**

Description

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



ON-5408

Type **LONG DAY WHITE**

Description

LONG 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.















ON-5450

Type **LONG DAY WHITE**

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.

SOWING & HARVESTING CALENDAR

| VARIETY | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN |
|---------|-----|---|-----|-----|-----|-----|---|---|---|-----|-----|-----|
| ON-5444 | |  | | | | |  |  |  | | | |
| ON-5408 | |  | | | | |  |  |  | | | |
| ON-5450 | |  | | | | |  |  |  | | | |

LONG DAY

PEPPER





P-5712

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.



P-5318

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-6394

Type HOT

Description

Hot pepper of the Picared type of 19-21 cm in length and 2.0-2.2 cm in diameter. Very spicy, long, straight, smooth and dark fruit. Very vigorous and dark plant, of excellent health and good production.



P-6080

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-5398**Type **PADRON****Description**

Variety of Sweet PADRON type with vigorous and dark plant. The fruit is light green color in unripe and intense red color when it ripe. It has 30 g weight and ends in a pointed shape, 2 mm wall and 2-3 locules. Very high production. It is recommended only for OPEN FIELD.

**P-5466**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.



Phase 3

P-6214Type **RED BLOCKY****Description**

Variety of RED CALIFORNIA peppers of extraordinary production VERY EARLY and CONCENTRATED. Very compact plant that adapts perfectly to growing conditions in the open air for both fresh and industry. Intense red fruit with a very thick wall, very uniform in both shapes and weights. Recommended for MECHANICAL harvest.

**P-3004**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-5228

Type RED LAMUYO

Description

Variety of large Lamuyo 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-5588

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-5918

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-4846

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-5216**Type **SWEET ITALIAN****Description**

Sweet Italian type variety. Strong and vigorous plant with high and early production. The fruits have thin wall, wrinkled skin with undulations and finished in three lobes. This variety combines production, quality and final yield.

**P-5262**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.

Type **SWEET ITALIAN****P-5740****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-5810

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.



Phase 3
P-6606

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-5618

Type YELLOW BLOCKY

Description

YELLOW blocky of perfect square shape, little ribbed, thick wall and around 220 g of average weight. Good results in both greenhouse in winter and open field in summer.

| VARIETY CHARACTERISTICS | | | | | |
|--|---|-----------------------------|----------|---------|-------------------------------------|
| VARIETY | TYPE | RESISTANT | WEIGHT g | SIZE cm | REMARKS |
| P-5712 |  | TMV:0 (L1) | 200-220 | 18 x 7 | Good yielder |
| P-5318 |  | TMV:0 (L1) | 50-60 | 16 x 2 | Hot narrow pepper |
|  P-6394 |  | TM:0 (L1) | 30-50 | 20 x 2 | Hot pepper very yield |
| P-6080 |  | Xcv:1,2/TMV:0 (L1) | 200-220 | 18 x 5 | Elongated sweet |
| P-5398 |  | TMV:0 (L1) | 30-50 | 10 x 2 | Small sweet |
| P-5466 |  | Xcv:1,2/TMV:0 (L1) | 350-400 | 11 X 10 | For open field only |
|  P-6214 ³ |  | | 300-330 | 10 x 10 | Early and concentrate |
| P-3004 |  | TMV:0 (L1) | 300-320 | 19 x 10 | Wide adaptability |
| P-5228 |  | TMV:0 (L1) | 300-320 | 19 x 11 | Very good yield |
| P-5588 |  | TMV:0 (L1) | 350-380 | 16 x 9 | Vigorous plant |
|  P-5918 |  | TMMoV:1.2 (L3)/ TSWV:0 | 300-350 | 16 X 9 | For green field only |
| P-4846 |  | TMV:0 (L1) | 150-200 | 22 x 5 | Wide adaptability |
| P-5216 |  | TMV:0 (L1) | 130-170 | 20 x 5 | Rough skin |
| P-5262 |  | TMV:0 (L1) | 150-200 | 24 x 5 | Wide adaptability |
| P-5740 |  | TMMoV:1.2 (L3) | 180-230 | 24 x 5 | For greenhouses |
| P-5810 |  | TSWV:0 | 230-250 | 19 x 6 | For open field, heavy fruit |
|  P-6606 ³ |  | Tm2(L3)/TSWV/PM | 130 | 19-20 | Good behavior against odium attacks |
| P-5618 |  | PMMoV:1.2.3 (L4)/ TSWV:0 | 220 | 12 x 9 | Wide adaptability |

 Developing variety  New

PUMKIN



PK-5016

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.

RADISH





R-4802

Type **DAIKON**

Description

Variety of the early DAIKON type, with good tolerance to the rise to flower. It is characterized by its white root, long 40 cm long and 6 cm in diameter. Great uniformity and good adaptation to counter-season crops in mild climates.



R-5108

Type **RED ROUND**

Description

Variety of very vigorous plant for only sowing in Autumn and Winter where it offers a very rounded radish, uniform and with white flesh.



R-5114

Type **RED ROUND**

Description

Red radish variety, very interesting and particular for its great capacity to produce radishes of very white flesh without holes. It is very sweet and is recommended for SPRING sowing.



R-5052

Type **WHITE SPRING-SUMMER-AUTUMN**

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-5038**

Type WHITE WINTER

Description

Variety of medium vigor, light green and very lobed leaves. It produces very cylindrical roots, very white and smooth, diameter 4.5-5 cm and length 12-13 cm, average weight of 170-180 g. It can reach 400g, keeping the shape and with excellent quality. It's a variety with great versatility and very resistant to BOLTING.








**R-5074**

Type WHITE WINTER

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-4802 | Daikon |  | spring | 350-380 | 40 x 6 | Daikon type |
|  R-5108 | Red round |  | autumn-winter | 15-20 | 2,5 - 3,0 | Vigorous plant |
| R-5114 | Red round |  | spring | 15-20 | 2,5 - 3,0 | Medium vigor plant |
| R-5052 | White spring-sum-autumn |  | spring-summer-autumn | 150-170 | 10 x 5 | Very uniform shape and size |
| R-5038 | White winter |  | autumn-winter | 170-190 | 12 x 5 | High bolting resistant |
| R-5074 | White winter |  | year round | 160-180 | 11 x 5 | Light green shoulders |

 New

ROOTSTOCK





RS-5022

Type WATERMELON

Description

Citrullus lanatus variety. It also develops vigorous plants but less than SHINTOZAFI. 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. RESISTANCES: High resistance (HR) to Nematodes and Fusarium.



Type SHINTOSA

RS-5058

Description

Interspecific hybrid of Cucurbita maxima x Cucurbita moschata. Vigorous plant with strong root system. It interferes nothing with the grafted variety. So the results from the field are good with regard to the quality and yield. In the nursery a high uniform germination is achieved, which increases the yield in grafted plant. RESISTANCES: Fusariumoxysporum sp. niveum (Fon).

VARIETY CHARACTERISTICS

| VARIETY | TYPE | RESISTANT | REMARKS |
|---------|------------|-----------|---------------------------|
| RS-5022 | Watermelon | Ma/Mi/Mj | Unique nematode resistant |
| RS-5058 | Shintosa | Fon | Best seller |

SQUASH



**SQ-4816**

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.

**SQ-5214**

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.



Phase 3

SQ-5628

Type DARK GREEN

Description

Very DARK GREEN squash with a very soft mottling and slightly domed cylindrical shape. Its plant of medium vigor stands out, with a bearing and architecture that allows it to remain erect resting on the basal leaves while it continues with the production of fruits. The leaves have an intense silver. The variety has very good resistance to powdery mildew and viruses.



Phase 3

SQ-5662

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.



SQ-2808

Type **MEDIUM GREEN**

Description

Plant of open structure and good vigor. Well adapted to open field and greenhouse. Good resistance to cold for sowing of Autumn and early Spring. Cylindrical fruit, green of 18-20 cm in length. Precocity: 50 days.



SQ-5692

Type **MEDIUM GREEN**

Description

Medium green fruit with slight mottling. Great capacity of setting with cylindrical and very uniform fruits. The plant of medium vigor, rounded structure, medium size leaves vigorous, very dark and with few mottling.



SQ-5130

Type **LEBANESE**

Description

Variety of WHITE color. The plant has medium vigor, with a rounded and flattened structure, large and serrated leaves with medium mottling. The fruit is cylindrical and slightly bulbous and of a milk-white color with marked edges. Good early production. Very RESISTANT to virus and Powdery Mildew.



SQ-5188

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.



Phase 3
SQ-5372

Type LEBANESE

Description

Variety of GREENISH WHITE squash. It is noted for its plant vigorous, very dark of large leaves, serred, little mottled, resistant to POWDERY MILDEW and VIRUS and very good production. The fruit is quite cylindrical with a very attractive color, drawing length-wise of a darker color and very intense green peduncle. Virus damage is not present at any stage of production.



SQ-5516

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.



SQ-5588

Type LEBANESE

Description

Lebanese squash notable for its vigorous plant and medium size, excellent healthy especially in the presence of powdery mildew. Slightly bulbous with light green edges and dark green peduncle.






























SQ-5504

Type YELLOW

Description

YELLOW cylindrical squash, slightly bulbous but very straight and without strangulation. Medium vigor plant but very healthy and resistant to viruses and powdery mildew. Recommended for outdoor crops.

VARIETY CHARACTERISTICS

| VARIETY | TYPE | RESISTANT | PLANT VIGOR | LEAF DENSITY | REMARKS |
|---|--------------|---------------------------|-------------|---|-----------------------------|
| SQ-4816 | Bulbous | NO MAJOR RESISTANCES | ● ● ● ● ● ● |     | Very early |
| SQ-5214 | Dark green | PX/CMV/WMV/ZYMV | ● ● ● ● ● |  | Cylindrical and uniform |
|  SQ-5628 ³ | Dark green | Px/ CMV/WMV/ZYMV | ● ● ● ● |   | Good yield |
|  SQ-5662 ³ | Dark green | PX/CMV/ ZYMV | ● ● ● ● |   | Healthy plant |
| SQ-2808 | Medium green | NO MAJOR RESISTANCES | ● ● ● ● |     | For open field only |
| SQ-5692 | Medium green | CMV/WMV/ZYMV/(IR): Px | ● ● ● ● |    | Virus resistant |
| SQ-5130 | Lebanese | Px/CMV/WMV/ZYMV | ● ● ● ● |   | Balanced plant |
| SQ-5188 | Lebanese | (IR): Px /CMV/WMV-2/ ZYMV | ● ● ● ● ● |  | Also suitable in greenhouse |
|  SQ-5372 ³ | Lebanese | Px/CMV/WMV/ZYMV | ● ● ● ● ● ● |   | Nice greenish color |
| SQ-5516 | Lebanese | PX/CMV/ ZYMV | ● ● ● ● ● |   | Nice greenish color |
| SQ-5588 | Lebanese | | ● ● ● ● |   | Short fruit, pure white |
| SQ-5504 | Yellow | PX/ ZYMV/WMV | ● ● ● ● |    | For open field |

 Developing variety

DETERMINATE TOMATO





TF-7572

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 g average weight. Variety without green shoulder. Cracking resistant and very firm fruit. It has resistance to TYLCV and TSWV.



TF-8506

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.



TF-8538

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.



TF-4298

Type **LONG LIFE**

Description

TSWV resistant variety. It is a firm variety, big fruit (200-210 g) with some green shoulder. It emphasizes its very high precocious production of very firm fruits and excellent organoleptic quality. It holds the cracked well and produces little pedicle scar. Compact plant of medium vigor.

**TF-4532**Type **LONG LIFE****Description**

LONG LIFE variety with resistance to TSWV. The plant is compact of medium high vigor. Thick fruit (200-210 g) of flattened shape and medium green shoulder. It is noted for its hardness, high production and resistances to Nematodes and TSWV. It endures very well to cracking, is little sensitive to "peseta" and produces minimal stem scar.

**TF-7498**Type **LONG LIFE****Description**

DETERMINATE variety of Daniela type. Medium vigorous plant, good color, rounded structure and very good coverage. The fruit has rounded shape, with no green shoulder or ribbing, very hard, average weight of 190 g and resistant to cracking. Resistant to Nematodes, TYLCV and TSWV. For advanced cultivation of tomato.

**TF-5194**Type **ELONGATED****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.

**TF-7146**Type **ELONGATED****Description**

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



Phase 3
TF-8732

Type **ELONGATED**

Description

Determinated tomato elongated to oval type of 150 g. Very vigorous plant but well covered.



TF-8826

Type **ELONGATED**

Description

DETERMINATED tomato medium-late maturing, elongated fruit and large size that can range between 120-140 g and high brix. Vigorous plant, light in color and quite productive. It is interesting for FRESH MARKET due to its great resistance in the field.



TF-6048

Type **GREEN SHOULDER**

Description

Thick fruit variety, slightly flattened and ribbed and slight green shoulders, qualities very appreciated for the local markets. The plant is very productive and early. Resistant to VFF.



TF-6330

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 multiloculare, very fleshy and excellent firmness. Early production.

**TF-7550**

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.

**TF-7610**

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.

**TF-8098**



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.

VARIETY CHARACTERISTICS

| VARIETY | TYPE | RESISTANT | PLANT VIGOR | WEIGHT g |
|---|---|--|-------------|----------|
| TF-7572 |  | VaVd/Fol:0,1/MaMiMj/TMV/TYLCV/ TSWV | ● ● ● | 260 |
| TF-8506 |  | VaVd/Fol 1-2 | ● ● ● | 300 |
| TF-8538 |  | VaVd/Fol 1,2/(IR): MaMiMj | ● ● ● | 15 |
| TF-4298 |  | VaVd/Fol: 1,2/TMV/TSWV | ● ● ● ● | 210 |
| TF-4532 |  | VaVd/Fol: 1,2/MaMiMj/Pst | ● ● ● | 210 |
|  TF-7498 |  | VaVd/Fol:0,1/MaMiMj/TMV/TYLCV/ TSWV | ● ● ● | 190 |
| TF-5194 |  | VaVd/Fol: 1,2/MaMiMj/Pst/TSWV | ● ● ● ● | 150 |
| TF-7146 |  | VaVd/Fol:1,2,3/MaMiMj/Pst/TMV/ TYLCV/ TSWV | ● ● ● ● | 170 |
|  TF-8732 ³ |  | VaVd/Fol:0,1/MaMiMj/TMV/TYLCV | ● ● ● ● ● | 150 |
| TF-8826 |  | VaVd/Fol: 1,2/MaMiMj/Pst/TSWV | ● ● ● ● ● | 130 |
| TF-6048 |  | VaVd/Fol: 1,2 | ● ● ● | 260 |
| TF-6330 |  | VaVd/Fol: 1,2 | ● ● ● ● ● | 300 |
| TF-7550 |  | VaVd/Fol: 1,2/TMV | ● ● ● ● | 290 |
| TF-7610 |  | VaVd/Fol: 1,2/MaMiMj/TMV/TSWV | ● ● ● | 260 |
| TF-8098 |  | VaVd | ● ● ● ● | 300 |

 Developing variety
  New

INDETERMINATE TOMATO





Phase 3

TF-9196

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.



TF-7620

Type BEEF PINK

Description

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



TF-6742

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.



TF-7602

Type CHERRY

Description

Indeterminate CHERRY variety of rounded shape and average weight of 22 g. It is noted for its great uniformity and perfect formation of clusters. Fruit of intense red color without marks on the neck, without cracking, hard and without stem scars. Vigorous plant, dark and very productive both in spring and under greenhouse.



Phase 3
TF-9388

Type CHONTO

Description

INDETERMINATE tomato of the CHONTO type, with an average weigh of about 150-180 g and that stands out for its high production and health of the plant.



Phase 3
TF-8282

Type LONG LIFE

Description

Indeterminate tomato of DANIELA type, with vigorous and very healthy. Fruit of 180 g slightly flattened, intense green color in un-ripe and intense red and very hard when it ripe. It has not green shoulders and has resistance to TYLCV.



Phase 3
TF-8486

Type LONG LIFE

Description

Variety of indeterminate tomato DANIELA type, with very good formation of branches, very productive and very resistant to severe TYLCV attacks. ROUNDED fruit of 180 g, without green shoulders and slightly ribbed. Great firmness and extraordinary uniformity.



TF-5610

Type ELONGATED

Description

Hybrid Sanmarzano type. It is noted for its high production, great earliness, uniformity and hardness of fruits. The fruit of 130-160 g, slightly pear shape with green shoulder and tolerant to stem cracking.



TF-7542

Type **ELONGATED**

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.



TF-7544

Type **ELONGATED**

Description

Vigorous plant with big leaves which give good foliar coverage. Medium-large size (100-120 g), slightly conical shape and intense green color. Very good flavor and texture. High productive capacity, as much for single harvest as for cluster. It maintains green shoulders. Resistant to TMV/V/F:1,2 and intermediate resistance to TYLCV.



TF-7614

Type **ELONGATED**

Description

SALADETTE type tomato of 150 g, very intense color both green and ripe and, without green shoulder. Vigorous plant, healthy and dark with very good cluster formation. High and early production. It is suitable both for spring and winter under greenhouse.



TF-7722

Type **ELONGATED**

Description

SALADETTE type variety of 120 g with intense red color both green and ripe, good uniformity and great firmness. Vigorous and dark plant with perfect formation of clusters. Ideal for cultivation both in spring and winter under greenhouse. Excellent resistances to TYLCV.

**TF-8424**Type **ELONGATED****Description**

INDETERMINATE tomato of OVAL type with excellent performances. Thick fruit of 160 g, great firmness and very good uniformity. It is tolerant to Blossom end rot.

**Phase 3
TF-9184**Type **ELONGATED****Description**

Variety of INDETERMINATE tomato of the OVAL ELONGATED type between 130-140g noted for its great uniformity, hardness and absence of "tetilla". It develops a quite vigorous and productive plant.

**TF-3490**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 g. With green shoulder and slightly flattened round shape. It also noted for its great organoleptic quality. Ideal for domestic market. Resistant to nematodes.

**TF-4304**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.



TF-7552

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.



Phase 3
TF-9314

Type **MARMANDE**

Description

Tomato 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.



Phase 3
TF-8568

Type **MARMANDE PINK**

Description

PINK tomato of MARMANDE Type, resistant to TYLCV. Strong plant with medium vigor, ideal for spring plantings, both outdoors and in the greenhouse, offering an extraordinary very early production. Very thick fruit between 320-350 g, typically flattened and ribbed, without green neck and with very good hardness.



TF-6596

Type **PLUM**

Description

Indeterminate of tomato of elongated cherry type. Doesn't develop nipple, marks a very soft green neck, forms a good cluster. The fruit is about 19-23 g of average weight, 4.5 cm of average length, and 2.5 cm of diameter. The plant is vigorous but compact.

VARIETY CHARACTERISTICS

| VARIETY | TYPE | RESISTANT | PLANT VIGOR | WEIGHT g |
|--|---|---|-------------|----------|
|  TF-9196 ³ |  | VaVd/Fol:1,2/Fcr/MaMiMj/TMV/TSWV/ TYLCV | ● ● ● | 300 |
| TF-7620 |  | MaMiMj/(Ir) TYLCV | ● ● ● ● | 290 |
| TF-6742 |  | VaVd/Fol 1-2 | ● ● ● ● | 15 |
| TF-7602 |  | VaVd/Fol: 0,1/MaMiMj/ToMV/(Ir):TYLCV | ● ● ● ● | 22 |
|  TF-9388 ³ |  | VFTmSwTyPtoF3 | ● ● ● ● | 170 |
|  TF-8282 ³ |  | VaVd/Fol:1,2/MaMiMj/Pst/As/Pi/TMV/ TYLCV | ● ● ● ● | 180 |
|  TF-8486 ³ |  | ToMV: 0-2/Fol:1-2/Va/Vd/TYLCV | ● ● ● ● | 180 |
| TF-5610 |  | Fol: 0,1/VaVd/ToMV | ● ● | 150 |
| TF-7542 |  | Va/Fol:1,2/TMV/ (IR): TYLCV/TSWV | ● ● ● ● | 130 |
| TF-7544 |  | Va/Fol:1,2/TMV/(IR):TYLCV | ● ● ● ● | 110 |
| TF-7614 |  | VaVd/Fol:1,2,3/MaMiMj/Pf/TMV/TYLCV/ TSWV | ● ● ● | 150 |
| TF-7722 |  | VaVd/Fol: 0,1/For/TMV/TYLCV | ● ● ● ● ● | 120 |
| TF-8424 |  | VaVd/Fol: 0,1/For/TMV/TYLCV/TSWV | ● ● ● ● | 160 |
|  TF-9184 ³ |  | VaVd/Fol:1,2/MaMiMj/TMV/TYLCV | ● ● ● | 140 |
| TF-3490 |  | VaVd/Fol: 0, 1/MaMiMj/TMV | ● ● ● | 290 |
| TF-4304 |  | VaVd/Fol: 1, 2/For/MaMiMj/TMV/TSWV | ● ● ● | 270 |
| TF-7552 |  | VaVd/Fol: 1, 2/MaMiMj/TMV/ (IR): TSWV | ● ● ● | 300 |
|  TF-9314 ³ |  | VaVd/Fol:0/MaMiMj/(Fc)/TMV/TSWV | ● ● ● | 410 |
|  TF-8568 ³ |  | Ty | ● ● ● | 340 |
|  TF-6596 |  | (HR): ToMV:0-2/ VdVa/Fol:0,1 (IR): MaMiMj | ● ● ● ● | 22 |
|  Developing variety |  New | | | |

PROCESSING TOMATO



**TP-14146**Type **ELONGATED****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.

**TP-14824**Type **ELONGATED****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.

**TP-14828**Type **ELONGATED****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.



Phase 3

TP-14268Type **ELONGATED 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.



TP-14778

Type **ELONGATED 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.



TP-14830

Type **ELONGATED ALL MEAT**

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.



TP-14432

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.



TP-14552

Type **ROUND**

Description

Variety of EARLY-MEDIUM cycle with vigorous plant. Fruit of good size and excellent brix, hardness, uniformity and color. Without any doubt, it is a variety with great aptitude for industry.

**TP-14602**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.

**TP-14656**Type **ROUND****Description**

Excellent variety of MEDIUM EARLINESS. Vigorous plant with wide and curly leaf of greyish green color. Flattened and compact plant which cover very well the fruits. High production of round fruits, very firm with good size of 95 g and high Brix. It has resistance to VFFNP.

**TP-14760**Type **ROUND****Description**

Variety for EARLY concentrated tomato. Plant of suitable vigor and wide and dark leaves which cover the production very well. Square fruit of medium size with very good wall and firmness. It has the features that all farmers are looking for one early variety: good size of fruit, firmness, color, brix and good production. Resistant to VFFNP.

**TP-14950**Type **ROUND****Description**

The top in earliness with quality. Cycle of 105 days. It has a compact plant with all resistances, good coverage, high production, very firm fruits, excellent color and besides a HIGH BRIX. The shape of fruit is round and slightly oval.



TP-14960

Type **ROUND**

Description

The top for a sure option, Cycle of 115 days. Vigorous plant of dark color which offers very good coverage. Abundant flowering, excellent setting, large fruits, offering great production. Its coloration, firmness and high Brix make it really top.



TP-14982

Type **ROUND**

Description

Medium cycle with resistance to TSWV. Cycle of 105-110 days. Vigorous plant with round and compact structure which give good coverage. Very high production with medium size fruits of 80 g which endure in the field for its good hardness. Proven resistance under conditions of the disease TSWV.



Phase 3

TP-14270

Type **ROUND ALL MEAT**

Description

ALL MEAT tomato variety, early maturing that develops a vigorous, dark and compact plant that provides an extraordinary covering. The fruits are slightly rounded shape, 70 g medium weight, extraordinary color and hardness with an average of 5.5 ° brix. The production is early and very high.



TP-14462



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 | TYPE | RESISTANT | MADURITY | PLANT VIGOR | WEIGHT g | REMARKS |
|--|---|------------|----------|-------------|----------|---------------------------|
|  TP-14146 |  | VFFNP Tswv | 115 | ● ● ● ● | 85 | Peeling variety with tswv |
| TP-14824 |  | VFFNP | 115 | ● ● ● ● | 90 | Vigorous peeling tomato |
| TP-14828 |  | VFF P | 115 | ● ● ● | 85 | Typical peeling tomato |
|  TP-14268 ³ |  | VFFNP | 120 | ● ● ● | 95 | Nice balanced variety |
| TP-14778 |  | VFFNP | 120 | ● ● ● ● ● | 75 | Vigorous plant |
| TP-14830 |  | VF P | 115 | ● ● ● | 80 | Wide adaptability |
| TP-14432 |  | VFFNP | 105 | ● ● ● | 85 | Wide adaptability |
| TP-14552 |  | VFFNP Tswv | 110 | ● ● ● ● | 80 | High industrial quality |
| TP-14602 |  | VFFNP | 110 | ● ● ● | 80 | Best seller |
| TP-14656 |  | VFFNP | 105 | ● ● ● | 95 | Buena adaptabilidad |
| TP-14760 |  | VF NP | 105 | ● ● ● | 80 | Perfect fruit color |
| TP-14950 |  | VFFNP | 110 | ● ● ● | 75 | Earliness and yield |
| TP-14960 |  | VFFNP | 120 | ● ● ● ● | 80 | Guaranteed yield |
| TP-14982 |  | VFFNP Tswv | 110 | ● ● ● | 80 | The first with tswv |
|  TP-14270 ³ |  | VFFN | 110 | ● ● ● | 70 | Very high yield |
| TP-14462 |  | VFFNP | 110 | ● ● ● ● | 95 | High industrial quality |

 Developing variety
 New

WATERMELON



**W-5234**Type **CRIMSON RED****Description**

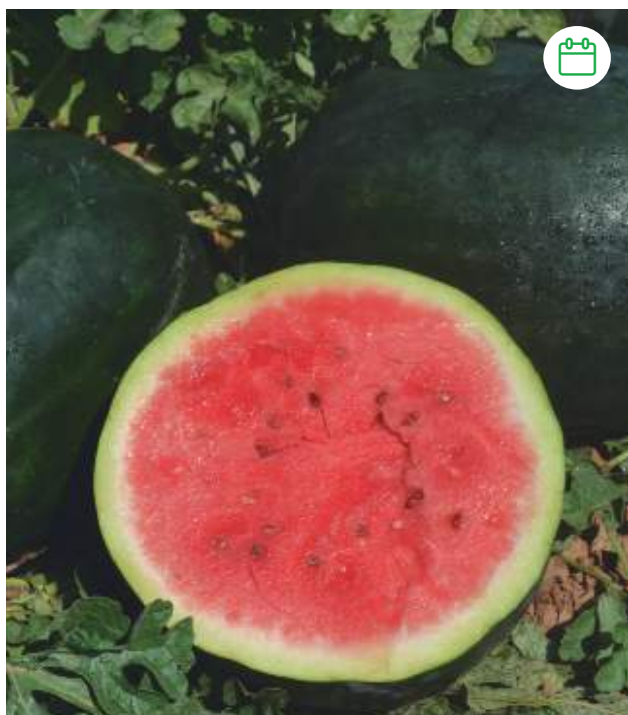
CRIMSOM SWEET type variety. Early production, high Brix level, thin skin and intense red flesh. The fruit weighs around 10 kg, rounded shape with 20 cm long and 17-18 cm diameter. Good performance both in open field and greenhouse.

**W-5320**Type **CRIMSON 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.

Type **CRIMSON RED****W-5870****Description**

CRIMSOM SWEET type variety. Average weight of 9-11 kg and rounded shape slightly oval. It is noted for its intense red color of the flesh and great production. Black seed.



Phase 3
W-5894

Type **ELONGATED BLACK**

Description

BLACK type variety. Elongated fruit of average weight 10-12 kg and rate L/D 1.3. Excellent brix and good production. Few light seeds of small size.



W-5590

Type **ELONGATED CRIMSON**

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.

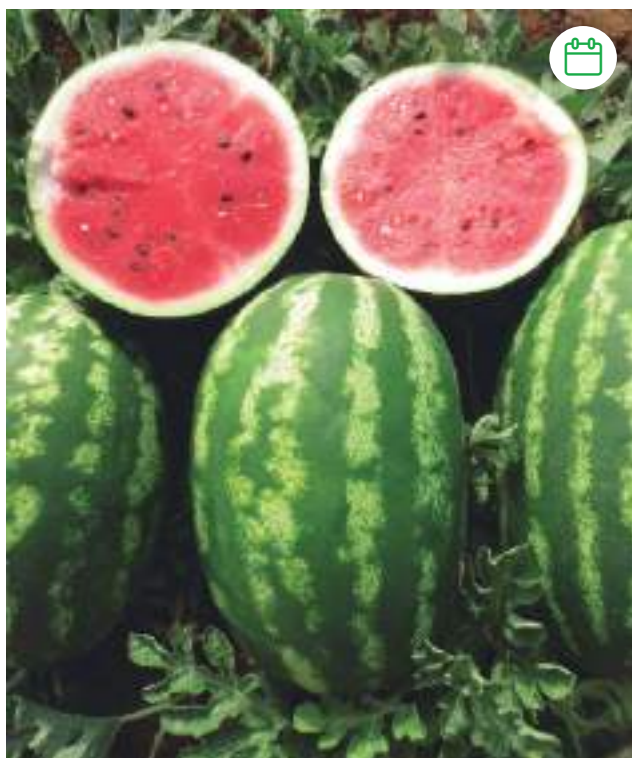


W-5818

Type **ELONGATED CRIMSON**

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.

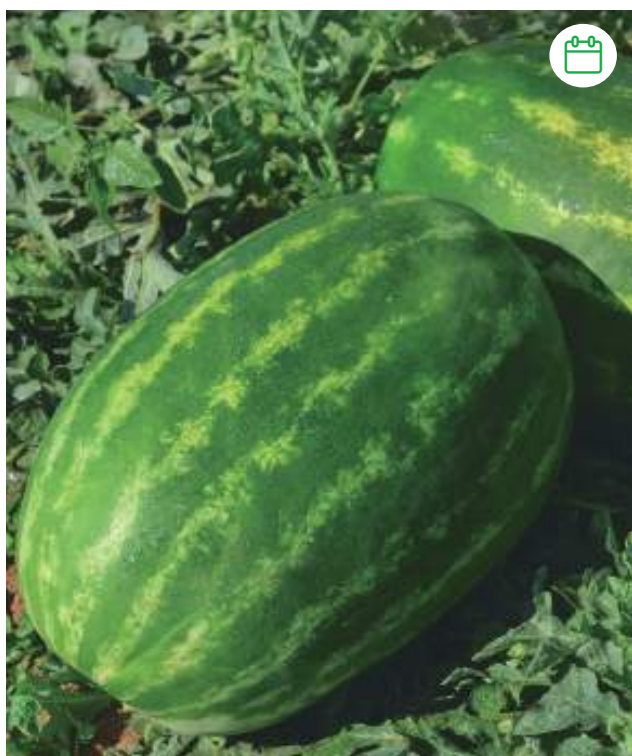


Phase 3
W-5856

Type ELONGATED CRIMSON

Description

CRIMSON SWEET type variety. Elongated fruit of 10-13 kg weight and rate L/D 1.48. It is noted for the intense red color of the flesh and excellent organoleptic quality.

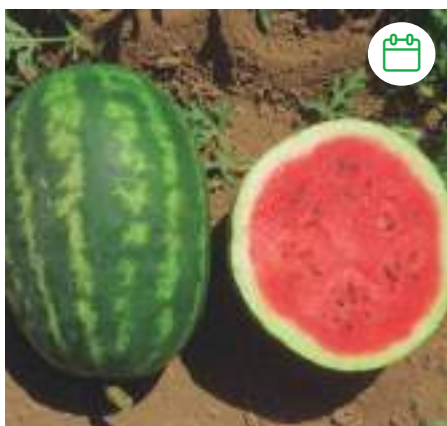


Phase 3
W-5944

Type ELONGATED CRIMSON

Description

Diploid variety of ELONGATED STRIPED watermelon. It is noted for its shape of the elongated fruit and earliness despite its great size around 13 kg.



Phase 3
W-6092

Type **ELONGATED CRIMSON**

Description

ELONGATED STRIPED watermelon of 40x25 cm. It is noted for its small light seeds and high production. Excellent taste.



W-5800

Type **MINI MICROSEED**

Description

MICROSEED variety of striped rind. The fruit is round, very small which does not exceeds 2-2,5 kg. It is noted for its size, production, ability for transport and extraordinary earliness in the development of sugar, making it a great candidate for export market.



W-6508

Type **MINI MICROSEED**

Description

New arrival to the MICROSEED market. This variety shows very few amount as small 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.



W-3408

Type **SUGAR BABY**

Description

Variety of dark skin. It doesn't have any type of veining on the ripening. Round fruit and average weight of 5-7 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.

**W-3452**

Type SUGAR BABY

Description

Variety of dark skin, big size. Its ease of setting gives great productions. The rind resistance to cracking makes it very good for transport.

**W-4208**

Type SUGAR BABY

Description

New arrival, It is recommended for export market. Its weight does not exceed 2.5-3 kg even in cultivation with rootstock. Very productive variety which compensates its small size. It achieves similar productions to the classic varieties. The external color is "Sweet Marvel" type. The rind thickness is medium but it is resistant to cracking. Good resistance to handling and transport. It produces very few seeds and small size. It is noted for its very early cycle for harvesting fruits of "export sizes" 12-15 days before any other current variety. It adapts well to cultivation in the soil or hydroponic, direct sowing or with rootstock.

**W-4630**

Type SUGAR BABY

Description

MINI WATERMELON variety. It is noted for its rind of dark color. It differs from the S-9604 variety for its larger size of 3.5 kg, and its much darker rind. It has excellent setting. The plant is somewhat more vigorous than W-4208, but its cultivation is recommended under rootstock. The rind is thin but very resistant to cracking. Good resistance to handling and transport. It produces very few seeds of small size. It is noted for its exceptional EARLY cycle.

**W-5756**

Type SUGAR BABY

Description

SUGAR BABY type variety. VERY THICK fruit, around of 11 kg. Rounded shape, slightly oval with rate L/D 1.07. Very dark skin, very few seeds of light color. Good production. Plant of medium vigor.



VARIETY CHARACTERISTICS

| VARIETY | TYPE | SHAPE | RIND PATTERN | FRESH COLOR | WEIGHT Kg | REMARKS |
|----------------------|-------------------|-------|--------------|-------------|-----------|---------------------------|
| W-5234 | Crimson red | | crimson | | 10 | Best seller |
| W- 5320 | Crimson red | | crimson | | 10 | High yield |
| W- 5870 | Crimson red | | crimson | | 9-11 | The biggest round crimson |
| W- 5894 ³ | Elongated black | | black | | 10-12 | Early variety |
| W- 5590 | Elongated crimson | | crimson | | 11-13 | Elongated for domestic |
| W- 5818 | Elongated crimson | | crimson | | 14 | Very elongated |
| W- 5856 ³ | Elongated crimson | | crimson | | 10-13 | Perfect uniformity |
| W- 5944 ³ | Elongated crimson | | crimson | | 12-13 | Big and early |
| W- 6092 ³ | Elongated crimson | | crimson | | 10-12 | Great taste |
| W- 5800 | Mini microseed | | crimson | | 2-2,5 | Microseed |
| W- 6508 | Mini microseed | | tiger | | 2-2,4 | Microseed |
| W- 3408 | Sugar baby | | black | | 5-7 | Perfectly round |
| W- 3452 | Sugar baby | | black | | 6-8 | Big fruit |
| W- 4208 | Sugar baby | | black | | 2,5-3 | Light green stripes |
| W- 4630 | Sugar baby | | black | | 3-3,5 | Full black |
| W- 5756 | Sugar baby | | black | | 9-11 | The biggest black |
| Developing variety | New | | | | | |

**W-5676**Type **CRIMSON RED****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.

**W-6318**Type **CRIMSON RED****Description**

TRIPLOID variety of striped type. It emphasizes its round shape and weight between 3,8 - 4,2 kg. The production is very high and can reach a high degree brix. Its flesh is deep red with very few and small white seeds. It is necessary to emphasize the hardness of the meat that can allow a good postharvest and transport.

**W-5066**Type **STRIPED RED****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.

**W-5360**Type **STRIPED RED****Description**

TRIPLOID variety of striped rind. 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.



W-5786

Type **STRIPED RED**

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.



W-6296

Type **STRIPED RED**

Description

Triploid watermelon of developed for the market of between 4-4,5 kg of MEDIUM WEIGHT. Very beautiful interior color and extraordinary organoleptic quality.

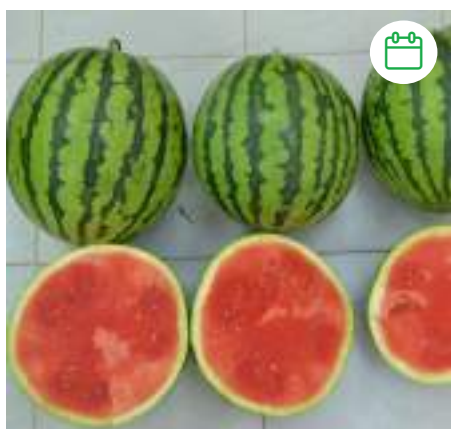


W-6532

Type **STRIPED RED**

Description

Striped variety of 6.5-7.0 kg of average weight that notes for its great uniformity. The fruit is perfectly rounded, very good taste quality and very high brix.



Phase 3

W-6632

Type **STRIPED RED**

Description

TRIPLOID variety of the DARK STRIPED type part of the Zebra segment with a completely round shape and a weight between 5.6-6.2 kg. With FIRM pulp and very hard rind. It makes it highly resistant to transport. 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.

**W-3824**Type **STRIPED YELLOW****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.

**W-3814**Type **SUGAR BABY RED****Description**

Black triploid. Very good balance between color, taste and texture. Vigorous plant with high and early production. The fruit is round with an average weight of 5 kg. It needs a pollinator to get a good production, such as striped varieties or other varieties easily differentiable.

Type **SUGAR BABY RED****W-5686****Description**

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



W-5770

Type **SUGAR BABY RED**

Description

TRIPLOID variety of BLACK rind without veins, large fruit of 7-9 kg and rounded shape. Good Brix and high production.



W-5906

Type **SUGAR BABY RED**



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.



VARIETY CHARACTERISTICS

| VARIETY | TYPE | SHAPE | RIND PATTERN | FLESH COLOR | WEIGHT Kg | REMARKS |
|---|----------------|---|--------------|---|-----------|----------------------------|
| W-5676 | Crimson red |  | crimson |  | 2,5-3,5 | The best taste |
| W-6318 | Crimson red |  | crimson |  | 3,8-4,2 | Taste and good shipping |
| W-5066 | Striped red |  | tiger |  | 7-10 | The biggest tiger |
| W-5360 | Striped red |  | tiger |  | 5-7 | Best seller |
| W-5786 | Striped red |  | tiger |  | 4,5 | Great taste |
| W-6296 | Striped red |  | tiger |  | 4,0-4,5 | Perfect export size |
|  W-6532 | Striped red |  | tiger |  | 6,5-7,0 | Rounded W-5786 |
|  W-6632 ³ | Striped red |  | tiger |  | 5,6-6,2 | |
| W-3824 | Striped yellow |  | tiger |  | 5,0-6,0 | Best seller |
| W-3814 | Sugar baby red |  | black |  | 5 | Perfectly round |
| W-5686 | Sugar baby red |  | black |  | 7 | Light green stripes |
| W-5770 | Sugar baby red |  | black |  | 7-9 | The biggest fruit in black |
| W-5906 | Sugar baby red |  | black |  | 4-5 | Great taste |

 Developing variety  New

NOTES

[illegible]

OUR GUARANTEE

We sowed the roots of our passion and professionalism
36 years ago in the very fields we serve today.



HEADQUARTER

CONTACT

Tel. +34 96 164 01 01

Fax +34 96 166 84 83

sales@intersemillas.es

P.O. BOX

Apdo. de Correos 140

46930 Quart de Poblet (VALENCIA) Spain

ADDRESS

Polígono Industrial de Loriguilla

Calle nº2, esquina con Calle nº5

46393 Loriguilla (VALENCIA) Spain

MEMBER OF:



VISIT US

