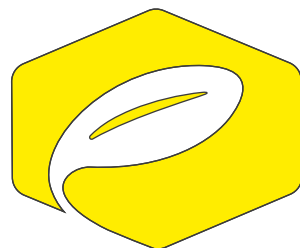




THE AUTHENTIC TASTE OF ITALIAN RESEARCH



ESASEM
IL SEME DELLA RICERCA

With the claim “il seme della ricerca”
 (the seed of research) we wanted
 to summarise the company mission,
 namely the research of new varieties
 to offer high-value products towards
 the innovation of the professional
 horticultural seed market.

Our products enhance authentic
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Esasem Team



THE AUTHENTIC TASTE OF ITALIAN RESEARCH

TOMATO

Mini plum	pag. 6
Midi plum	pag. 8
Cherry	pag. 10
Beef & Salad	pag. 11
Cluster	pag. 17
San Marzano and Saladette	pag. 18
Specialities	pag. 20
Standard	pag. 25
Cherry and Plum	pag. 27
Determinate Fresh Market	pag. 30
Elongated for processing	pag. 30
Square for processing	pag. 33

PEPPER

Red lamuyo	pag. 37
Yellow lamuyo	pag. 38
Conical	pag. 41
Other type	pag. 44

WATERMELON

MELON

CUCUMBER

LETTUCE

EGGPLANT

CHICORY

ONION

ASPARAGUS

BASIL

ROCKET

ROOTSTOCK



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- Constant varietal innovation
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TOMATO

indeterminate mini plum

COLLINA F1

MINI PLUM

“Cherry-plum” hybrid tomato resistant to TYLCV, with uniform green fruits that turn to bright red at full ripening, even in cultivation at high temperatures and strong light. **Fruits are pear-shaped, weighing 20 g, 45 mm long with a diameter of 25 mm.** Fruits are very tasty with good shelf life. **Clusters consist of 14- 16 fruits in a herringbone pattern.** Remarkable fruit setting. Plants are vigorous with good leaf coverage and medium-short internodes. The cycle is short, and Collina can be used in different planting times.

Resistances:
HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1
IR: TYLCV/ TSWV



NEW

EVO F1

MINI PLUM - BERRY

Tomato speciality slightly reminiscent of a **strawberry shape**, with a full and extremely **sweet fruit**. The plant is of medium vigour, compact with short internodes. **The productive yield is excellent and the harvest can be both single fruit and cluster.**

Resistances:
HR: ToMV:0-2/ Fol:0,1
IR: TYLCV

LOBELLO F1

MINI PLUM

Cylindrical shaped fruits with well-rounded blossom end and uniform clusters. **Average size of 18-22 g**, 40-45 mm in length with a diameter of 25 mm. They quickly turn to bright red when fully mature. **Fruits are very tasty, thanks also to the high sugar content.** Excellent tolerance to cracking. The clusters are single or double, with thick and compact stem. Clusters consist of 12-14 fruits arranged in a regular herringbone pattern. **Fruit setting is excellent during the different planting periods,** both in low and high temperature conditions; this quality enables use in all cultivation periods. Plants are indeterminate, medium vigorous, with open leaf covering and short internodes. **Very short cycle.**



Resistances:
HR: Va:0/ Vd:0/ Fol:0,1/ ToMV:0-2
IR: Ma/ Mi/ Mj



NEW

JUNGI F1

MINI PLUM

The most vigorous variety in our mini-plum segment. **Short internodes and high yields.** Excellent and elegant cluster, very high resistance to cracking. **Transplanting in over winter.** Brix°8-9.

Resistances:
HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1/ Sl
IR: TYLCV/ Ma/ Mi/ Mj/ ToBRFV

SOLBELLO F1

MINI PLUM

Very early variety suitable for spring transplants from March to July. Thanks to its genetics, having a light green shoulder it colours very well even under intense sun conditions. Strong heat does not affect the fall of the fruits. **Very good sweetness and very high resistance to cracking.** Elegant cluster for harvesting. Brix°8.

Resistances:
HR: ToMV:0-2/ Fol:0,1
IR: TYLCV/ Ma/ Mi/ Mj/ ToBRFV



NEW

MARZELLO F1

MINI PLUM

Hybrid of the “Mini San Marzano” type with indeterminate growth, rustic and highly vigorous plant characterized by regular internodes, good leaf coverage and high earliness. Abundant blooms induce very high yields. Fruits with a characteristic shape, **very high flavor and high brix level with a good acid/sugar balance.** Possibility of single fruit or bunch harvesting. **Average weight 25-30 grams.**

Resistances:
HR: Va:0/ Vd:0/ ToMV/ Fol:0,1/ Ss
IR: TYLCV / Ma/ Mi/ Mj/ ToBRFV

TYBELLO F1

MINI PLUM

Variety that adapts to **early cycles in over winter with transplants from August to mid-September.** Short internodes, earliness, excellent sweet taste and resistance to cracking on the plant and post-harvest are the pluses that distinguish this variety. Brix°8-9.

Resistances:
HR: ToMV:0-2/ Fol:0,1
IR: TYLCV/ Ma/ Mi/ Mj/ ToBRFV



SEVENTY F1

MINI PLUM

Cherry plum oval-shaped tomato resistant to TSWV and TYLCV, without green shoulders, especially recommended for summer cultivation. **Fruit size is 45 mm long and 25 mm in diameter with an average weight of 15-20 g.** Due to the uniform colour, SEVENTY fruits turn quickly to bright red at full ripening and maintain this performance even at the height of summer. Fruit quality is outstanding, with a **brix level of 8-9°** in normal water conditions with excellent taste and good shelf life. Plants are vigorous, with short internodes and very high setting ability in all seasons. **Clusters are single or double, arranged in a regular herringbone pattern with 15 to 25-30 fruits in good growing conditions.** SEVENTY is suitable for loose or cluster harvesting; peduncles are very small and scars negligible.

Resistances:
HR: Fol:0/ ToMV:0-2
IR: TSWV:0/ TYLCV



TOMATO

indeterminate mini plum

PRIMOSA F1

MINI PLUM

Mini plum characterized by **typical and cilindric shape fruit** with well round and uniform blossom-end. The cluster are made by fishbone inflorescence with **16-18 fruits** with deep red fruits with high consistency and storability (LSL) and greeh schoulder presence when green. **Fruit weight: 16-18 grams.** Plant vigor is medium high with good leaf coverage and med short internodes. It is indicate for **early cycle from hot to cold. Brix °: 8-9.**

Resistances:

HR: Va:0/ Vd:0/ Fol:0,1/ ToMV:0-2
IR: TSWV/ TYLCV/ Ma/ Mi/ Mj



VALIDO F1

MINI PLUM

Cylindrical-oval shaped fruit weighing 18-22 g, showing bright red colour. Flavour is remarkable thanks to its good firmness and high sugar content. Very good cracking tolerance. Plant is indeterminate, vigorous with short internode and guarantees excellent yield with single or double clusters. **Cycle is early.**

Resistances:

HR: Va:0/ Vd:0/ Fol:0,1/ ToMV:0-2
IR: Ma/ Mi/ Mj

TOMATO

indeterminate midi plum

JAZZ F1

MIDI PLUM

Indeterminate "plum" tomato hybrid, with **pear-oval shaped fruits weighing 50-55 g each, fish-bone patterned cluster**, great colour and nice presentation. It can be harvested as single fruit or as whole cluster. Plant is vigorous with short internode, and great yield performance. Jazz is recommended above all for greenhouse or tunnel cultivations.

Resistances:

HR: ToMV:0-2/ Fol:0,1
IR: TYLCV/ Ma/ Mi/ Mj



SAMORI F1

MIDI PLUM

"Midi-plum" hybrid tomato resistant to TSWV and Nematodes. **The fruits, weighing 50-55 g, are bright red in colour** with an intense sweet & sour taste and the **typical shape of the "Vesuvian Piennolo"**. Clusters are very attractive with the fruits arranged in a regular herringbone pattern with thick rachis and sepals. The variety also has high tolerance to fruit drop. Plants are vigorous, early maturing with short internodes and high fruit set. Samori has proven to be a **very high-performance hybrid for greenhouse cultivation in spring with summer transplanting**, thanks to its excellent fruit setting at high temperatures and high tolerance to blossom-end rot.

Resistances:

HR: Vd:0/ Va:0/ Fol:0-1/ ToMV:0-2/ Pst
IR: TSWV:0/ Ma/ Mi/ Mj

TOMATO

indeterminate midi plum

TRENDY F1

MIDI PLUM

"Plum" tomato hybrid, with **oval fruits weighing 50-60 g each**, characterized by excellent sweet flavour, firmness and shelf life. The deep bright red colour is very attractive. The plant is quite vigorous with short internode, great yield performance. Trendy is indicated for greenhouse or tunnel crops, and single fruit or whole cluster harvest.

Resistances:

HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1/ Pst
IR: TSWV:0



VARIETY	FRUIT				PLANT		USE	HARVEST	RESISTANCES (HR / IR)
	SHAPE	COLOUR	WEIGHT g	CONSISTENCY AND STORABILITY	VIGOUR	CYCLE			
MINI PLUM									
Collina F1	Pear-shaped, about 45x25	Excellent and uniform Bright red	20	very good	Medium, with medium short internode	Early	Greenhouse	Cluster and single	HR: Va:0/ Vd:0/ ToMV:0-2/ Fol: 0,1 IR: TYLCV/ TSWV
Evo F1	Square oval shape	Deep red at total ripe	25	very good	Medium	Early	Greenhouse	Cluster and single	HR: ToMV:0-2/ Fol:0,1 IR: TYLCV
Lobello F1	Peripheral cylindrical shape of 40 mm with 25Mm diameter	36/5000 Intense red when ripe full	18-22	Excellent consistency e with high tolerance to cracking	Medium with short internode	Very early	Greenhouse	Cluster and single	HR: Va:0/ Vd:0/ Fol:0,1/ ToMV:0-2 IR: Ma/ Mi/ Mj
Solbello F1	Peripheral cylindrical	Excellent red under conditions of sun and intense heat	18-20	excelent	Medium high	Very early	Tunnel-greenhouse-open field	Cluster and single	HR: ToMV:0-2/ Fol:0,1 IR: TYLCV/ Ma/ Mi/ Mj/ ToBRFV
Jungi F1	Peripheral cylindrical slightly elongated	Intense red when ripe full	22-25	excelent	High	Early	Tunnel-greenhouse-open field	Cluster and single	HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1/ SI IR: TYLCV/ Ma/ Mi/ Mj/ ToBRFV
Tybello F1	Peripheral cylindrical	Very nice red when ripe full	20-23	excelent	Medium high	Early	Greenhouse	Cluster and single	HR: ToMV:0-2/ Fol:0,1 IR: TYLCV/ Ma/ Mi/ Mj/ ToBRFV
Seventy F1	Pear-shaped	Bright deep red	20-22	very good	Good, short internode	Medium early	Greenhouse	Cluster and single	HR: Fol:0/ ToMV:0-2 IR: TSWV:0/ TYLCV
Primosa F1	Cilindric shape	Deep red	18	very good	Medium high	Early	Greenhouse	Cluster and single	HR: Va:0/ Vd:0/ Fol:0,1/ ToMV:0-2 IR: TSWV/ TYLCV/ Ma/ Mi/ Mj
Marzello F1	Peripheral cylindrical elongated (mini san marzano shape)	Excelent red	23-30	very good	High with regular internodes	Medium early	Greenhouse	Single or cluster	HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1 IR: TYLCV / Ma/ Mi/ Mj/ ToBRFV
Valido F1	Oval with ripening contemporary on the cluster	Intense red e polished to complete maturity	18-22	Excellent consistency e storage in post harvest	Very good with short internode	Early	Tunnel-greenhouse-open field	Cluster and single	HR: Va:0/ Vd:0/ Fol:0,1/ ToMV:0-2 IR: Ma/ Mi/ Mj
MIDI PLUM									
Samori F1	Slightly oval pear-shaped With apex pointed	Excellent, vermilion red	50-55	very good	Good	Early	Tunnel-greenhouse-open field	Cluster	HR: Vd:0/ Va:0/ Fol:0-1/ ToMV:0-2/ Pst IR: TSWV:0/ Ma/ Mi/ Mj
Jazz F1	Val-elongated, Approx 60x40 mm	Excellent, bright red	50-55	very good	High with short internode	Early	Greenhouse	Cluster	HR: ToMV:0-2/ Fol:0,1 IR: Ma/ Mi/ Mj
Trendy F1	Oval-cylindrical	Excellent bright red	50 - 60	very good	Medium with short internode	Early	Tunnel-greenhouse-open field	Cluster	HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1/ Pst IR: TSWV:0

* UNDERGOING REGISTRATION WHITIN EUROPEAN COMMON CATALOGUE

TOMATO

indeterminate cherry

PAKI F1

Cherry indeterminate tomato hybrid. The plant is quite vigorous with short internodes and good leaf covering. **Fruit has good shelf life, weight of 15-20 g**, smooth round shaped with very attractive bright red colour. Fruit size is quite uniform in the cluster with good cracking tolerance.

Resistances:
HR: Va:0/Vd:0/Fol:0

CHERRY



PAKINHO F1

Tomato in the "cherry" typology. The excellent red color of the fruits and the tolerance to heat make it particularly suitable for summer harvests. Fruit of excellent consistency and conservation, **excellent flavor and balance between sugars and acidity, weighing 15-20 g**. High uniformity of size in the bunch and resistance to cracking. Plant of good vigor with short internodes and opened foliage.

Resistances:
HR: Va:0/Vd:0/Fol:0,1/ToMV:0-2/PF: A-E
IR: TSWV:0/Ma/Mi/Mj

CHERRY

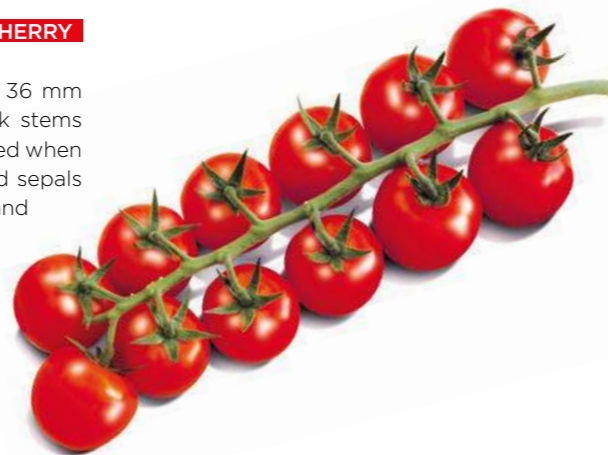
PORPORA F1

Cherry tomato yielding perfectly round fruits with a diameter of 35- 36 mm and a **weight of 25-30 g**. Single clusters, highly compact, with thick stems showing large, open sepals. Fruits are uniform in colour, turning bright red when fully mature. **The fruits have a very high long shelf life**, with stem and sepals staying bright green for a long time after harvest. Plants are vigorous and compact with good leaf coverage. Fruit setting is excellent even in low temperature conditions.

Very good yield, with clusters weighing an average of 360 g. Very short cycle. **Recommended for greenhouse and open field cultivations during spring, summer and autumn.**

Resistances:
HR: Vd:0/Va:0/Fol:0,1/ToMV:0-2
IR: TSWV:0/Ma/Mi/Mj

CHERRY



PREZIOSO F1

Cherry hybrid tomato with very short cycle, **compact plants suitable for spring and summer cultivation in greenhouse and open field.** PREZIOSO has exceptional deep, bright red fruit with a high brix level and excellent flavour. Thanks to these characteristics, the variety is much **appreciated by professional and home gardeners alike.** Fruits combine good shelf life with a smooth, round shape and **weights of 15-20 g**.

Resistances:
HR: Va:0/Vd:0/Fol:0,1/ToMV:0-2
IR: Ma/Mi/Mj

CHERRY



TOMATO

indeterminate cherry

VARIETY	FRUIT				PLANT		USE	RESISTANCES (HR / IR)
	SHAPE	COLOUR	WEIGHT g	CONSISTENCY AND STORABILITY	VIGOUR	CYCLE		
Paki F1	Round and smooth	Intense red and bright when ripe full	15-20	Good firmness and with high tolerance to cracking	Good with short internodes	Very early	Tunnel-greenhouse-open field	HR: Va:0/ Vd:0/ Fol:0
Pakinho F1	Round and smooth	Deep intense red	15-20	High crackin tolerance and firm	Good vigor	Early	Tunnel-greenhouse-open field	HR: Va:0/ Vd:0/ Fol:0,1/ ToMV:0-2/ PF: A-E IR: TSWV:0/ Ma/ Mi/ Mj
Porpora F1	Round and smoth with 35-36 mm diameter	Excellent bright red	25-30	Very good	Good	Very early	Greenhouse	HR: Vd:0/ Va:0/ Fol:0,1/ ToMV:0-2 IR: TSWV:0/ Ma/ Mi/ Mj
Prezioso F1	Round and smooth	Excellent bright red	15-20	Very good	High	Very early	Tunnel-greenhouse-open field	HR: Va:0/ Vd:0/ Fol:0,1/ ToMV:0-2 IR: Ma/ Mi/ Mj

TOMATO

indeterminate beef & salad

DEGHEIO F1

Tomato marmade hybrid with good shelf life characterized by high resistance to nematodes and its great red colour. Fruits have green shoulder, well ribbed. **The size is uniform of 200-240 g and shelf life 10-12 days long** without changing its excellent organoleptic qualities. It is recommended for "beef" yield and for red fruit utilization. The plant is indeterminate, vigorous, with short internode, very early cycle and high fruit setting.

Resistances:
HR: Va:0/Vd:0/Fol: 0,1/ ToMV:0-2
IR: Ma/ Mi/ Mj



ECCELISO F1

New hybrid tomato variety yielding apple-shaped deep globe fruits, with excellent performance in open field cultivation **for professional and home gardeners in spring and summer crops.** Fruits are very uniform, with multilocular beef tomato traits and small seed cavities resulting in good flavour. Fruit have an average **weight of 300 g** with a bright green colour and green shoulders that turn to shiny red when fully mature. **Plants have a very short cycle, strong vigour and very short internodes**, with good leaf coverage and high fruit setting throughout the cycle.

Resistances:
HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1
IR: Ma/ Mi/ Mj





TOMATO

indeterminate beef & salad



GANDALF F1

OXHEART

Oxheart tomato variety resistant to TSWV, much appreciated by professional growers for greenhouse and open field cultivation. Plants are very generous and well-balanced with generative habit that guarantees high setting and yield. GANDALF has good performance in **spring and summer crops as well in overwintering crops**. Short cycle. Fruits have a round globe shape with typical ribs, evident green shoulders, a very uniform size of 80-90 mm and a **weight of 250-270 g**. The flesh is generally very meaty with small seed cavities and the typical good flavour of oxheart tomatoes.

Resistances:
HR: Va:0/Vd:0/ToMV:0-2
IR: TSWV:0/TYLCV/Ma/Mi/Mj

JALARI F1

Indeterminate plant with medium vigour, good leaf covering. **Smooth round fruit slightly ribbed with average weight of 220-260 g**. Light green colour turns to uniform red at full ripening. Medium-early cycle.

Resistances:
HR: Va:0/Vd:0/Fol:0,1



KAM F1

Bright green fruit at ripening with dark green shoulder. The weight can vary depending on the salinity of the nutrient solution. Single fruit harvest. **Weight 70-80 g**.

Resistances:
HR: Va:0/Vd:0/ToMV:0-2/Fol:0,1
IR: Ma/Mi/Mj

MEMI F1

Ribbed tomato, with a medium vigour plant that in some cases **needs a medium-high vigour rootstock especially under salty conditions**. The colour is very interesting with a very intense dark green. **Good consistency** even when red. Excellent organoleptic quality. **The weight (120-150 g)** can vary depending on the salinity of the nutrient solution.



Resistances:
HR: Va:0/Vd:0/ToMV:0-2/Fol:0,1/For
IR: TYLCV



TOMATO



indeterminate beef & salad



IZORANNE F1

Standard tomato variety for loose harvesting with strong plants and good setting, recommended for **cultivation in autumn-winter season**. Fruits are flat globe-shaped with a diameter of 70-80 mm, average **weight of 220-240 g**, good firmness, **excellent LSL and an attractive red colour**. Izoranne is suitable for tunnel and greenhouse cultivation and much appreciated for its constant performance over the season due to its high fruit-setting ability.

Resistances:
HR: Va:0/Vd:0/Fol:0,1
IR: TYLCV/Ma/Mi/Mj



PACHAMAMA F1

New beef tomato for loose harvesting, resistant to TSWV and TYLCV, with excellent fruit quality in terms of colour and uniform shape. Fruits are flat-round, very smooth and firm, with long sepals and shelf life that ensure attractive presentation once packed in box. Round, globe-shaped and smooth, they have a diameter of 70-80 mm and an average **weight of 250 g**. Tolerance to cracking on the plant and post-harvest is also very good. Plants have good vigour, short internodes and a short cycle. **Recommended for early spring and autumn cultivation** due to the variety's ability to quickly turn fruit red in low temperature and low light conditions.

Resistances:
HR: Va:0/Vd:0/Fol:0,1/TOMV:0-2
IR: TSWV:0/TYLCV/Ma/Mi/Mj

ROSALBA F1

PINK

Pink hybrid tomato, very early maturing with attractive round-globe fruit. Rosalba is characterised by compact plants with very short internodes, suitable for short crop production and concentrated harvesting. **Fruit setting is very good even in low temperatures**; this characteristic allows it to be early on the market especially with early spring crops in continental areas. Fruits are very uniform with an average size of **240-260 g**, multilocular with small seed cavities. Taste and firmness are also much appreciated.

Resistances:
HR: Va:0/Vd:0/ToMV:0-2/Fol:0,1/Pf:A-E



RICCIUTO F1

Tomato of the "Riccio Fiorentino" type, suitable for cultivation in the open field. The fruit is round-flat, very ribbed, of **medium size (150 g)**, with an excellent **intense and glossy red colour**, ideal for single ripe fruit picking. The habit is airy, with medium internodes. The cycle is very early.

Resistances:
HR: Va:0/Vd:0/Fol:0,1/ToMV:0-2
IR: Ma/Mi/Mj



TOMATO

indeterminate beef & salad



ROISETTE F1

PINK

New pink tomato variety with excellent fruit firmness and Long Shelf Life with resistance to TYLCV. Fruits have an intense, deep pink colour, a uniform round globe shape and thick flesh that makes them very attractive and tasty. Excellent tolerance to cracking. Fruits are 70-80 mm in size with an average weight of 240-260 g. Plants are strong with medium internodes, well balanced, suitable for overwinter crops as well as spring-summer. Fruit setting is very good and guarantees consistent yield.

Resistances:
HR: Va:0/ Vd:0/ ToMV:0-1/ Fol:0,1
IR: TYLCV/ Ma/ Mi/ Mj

SAURON F1

OXHEART

Hybrid oxheart tomato variety with strong plants, good leaf coverage, recommended for open field cultivation for professional growers and home gardeners. Fruits have a uniform size of 300-350 g, a nice ribbed shape, evident green shoulders with an attractive colour when turning to red. SAURON is also very flavoursome with meaty flesh and good firmness. Plants are well-balanced and early maturing, producing clusters with 4-5 fruits all over the plant and guaranteeing high yield throughout the cycle.

Resistances:
HR: Vd:0/ Va:0/ ToMV:0-2/ Fol:0,1
IR: Ma/ Mi/ Mj



SIGNORA F1

Beef Tomato for loose harvesting, resistant to TSWV. Clusters are regular, with 4-5 fruits that turn a deep, bright red colour when fully mature. The fruits are round and smooth with a diameter of 90-100 mm, weighing 350-400 g. High tolerance to cracking and good shelf life. Plants have a short cycle, good vigour, with short internodes and good leaf coverage. Signora shows outstanding fruit setting and excellent yield. It is recommended for spring and autumn planting.

Resistances:
HR: Va:0/ Vd:0/ Fol: 0,1/ ToMV:0-2
IR: TSWV:0/ Ma/ Mi/ Mj

MUSAFI F1

Beef for loos harvesting, resistant to TYLCV. Compact plant for long cycle, with high vigor, generative with excellent fruit setting and 5-6 fruit for cluster. Large fruit GG-GGG caliber, uniform, firm with excellent conservation (LSL), good color in green "pintón" and red ripe; very good apical closure.

Resistances:
HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1
IR: TYLCV/ Ma/ Mi/ Mj



TOMATO

indeterminate beef & salad



EGIDIO F1* (TL2780)

Vigorous plant with medium internodes, covering, good fruit setting even at high temperature. Deep intense red fruit, large size and weight of 300 - 350 gr. Destination for the fresh market. Excellent fruits shelf after harvest (LSL).

Resistances:
IR: TSWV:0/ Ma/ Mi/ Mj

NEW



NEW



OXH4258 F1*

OXHEART

Medium-high vigor plant with medium internodes, characterized by excellent fruit setting also in the upper flower clusters. Homogeneous fruits with a characteristic heart shape that recalls the origin of the typology. Intense flavor, excellent taste and great quality of the fruits.

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1/ Pf:A-E
IR: TSWV:0

LACIMA

Selection of the "Rosa Asurcado" type. Compact plant for medium cycle, with good vigor, very productive with excellent fruit setting and rusticity. Very large fruit, GGG caliber, ribbed, traditional, excellent color, optimal flavor, type much appreciated on the market and continuously growing.

NEW



VARIETY	FRUIT				PLANT		USE	RESISTANCES (HR / IR)
	SHAPE	COLOUR	WEIGHT g	CONSISTENCY AND STORABILITY	VIGOUR	CYCLE		
Degheio F1	Well ribbed. Multilocular with full flesh.	Excellent internal coloring and red and uniform red at maturity full	180-220	Excellent with good Storage	Good With short Internode	Very early	Greenhouse and Open field	HR: Va:0/ Vd:0/ Fol: 0,1/ ToMV:0-2 IR: Ma/ Mi/ Mj
Eccelso F1	Globular fruit with light ribbing	Excellent green and red	300	Good	Medium with short internode	Medium early	Openfield	HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1 IR: Ma/ Mi/ Mj
Gandalf F1	Ox-heart	Good color change and full ripening	250	Good	Very good	Early	Greenhouse and Open field	HR: Va:0/ Vd:0 / ToMV:0-2 IR: TSWV:0/ TYLCV/ Ma/ Mi/ Mj
Jalari F1	Round globe Slightly ribbed	Good color change	220-260	Acceptable	Medium	Early	Greenhouse and Open field	HR: Va:0/ Vd:0/ Fol 0,1
Kam F1	Roundm slightly flat	Deep green schoulder, red background tendt to brown	70-80	Good	Med-high	Early	Greenhouse and Open field	HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1 IR: Ma/ Mi/ Mj
Memi F1	Flat round, Very ribbed	Very marked dark green, excellent color change and red	120-150	Very good	Medium	Early	Greenhouse	HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1/ For IR: TYLCV
Izoranne F1	Beef type with diameter Of 70-80 mm	Deep bright red at ripening	240-260	Excellent	Medium with short internode	Early	Tunnel - Greenhouse	HR: Va:0/ Vd:0/ Fol:0,1 IR: TYLCV/ Ma/ Mi/ Mj
Pachamama F1	Round smooth	Bright deep red	250	Very good	Medium with short internode	Early	Tunnel - Greenhouse	HR: Va:0/ Vd:0/ Fol:0,1/ TOMV:0-2 IR: TSWV:0/ TYLCV/ Ma/ Mi/ Mj
Rosalba F1	Round and smooth	Pink at full ripening	240-260	Good	Very good	Early	Greenhouse and Open field	HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1/ Pf:A-E
Ricciuto F1	Flat round, very ribbed	Deep red	150	Medium	Medium	Very early	Openfield	HR: Va:0/ Vd:0/ Fol:0,1/ ToMV:0-2 IR: Ma/ Mi/ Mj
Roisette F1	Round smooth	Pink at full ripening	240	Good	Medium with short internode	Early	Tunnel - Greenhouse	HR: Va:0/ Vd:0/ ToMV:0-1/ Fol:0,1 IR: TYLCV/ Ma/ Mi/ Mj
Sauron F1	Ox-heart	Excellent green	300-350	Good	Medium	Early	Openfield	HR: Vd:0/ Va:0/ ToMV:0-2/ Fol:0,1 IR: Ma/ Mi/ Mj
Signora F1	Round smooth with diameter of 90-100 mm	Intense red when ripe full	350-400	Very good	Medium with short internode	Early	Greenhouse and Open field	HR: Va:0/ Vd:0/ Fol: 0,1/ ToMV:0-2 IR: TSWV:0/ Ma/ Mi/ Mj
Musafa F1	Roound smooth, slightly flat	Intense red when ripe full	350-400	Very good	Good	Early	Greenhouse and Open field	HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1 IR: TYLCV/ Ma/ Mi/ Mj
Egidio F1 (ex TL2780)	Round and smooth	Excellent green and red	300-350	Very good	Strong	Medium early	Greenhouse and Open field	IR: TSWV:0/ Ma/ Mi/ Mj
OXH4258 F1*	Heart shape, pointed	deep green schoulder and intense red when full ripe	200-250	Good	High	Med-early	Greenhouse and Open field	HR: Va:0/ Vd:0/ Fol:0,1/ Pf:A-E IR: TSWV:0
Lacima	Flat, round and ribbed with green schoulder	Pink with dark green schoulder	350-400	Medium	High vigor with med-internode	Good	Greenhouse and Open field	-

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CHEROKEE F1

Hybrid tomato variety for cluster harvesting when fully mature. Smooth round fruit, slightly flattened with a diameter of 60- 65 mm, **weighing 140-160 g**. Regular clusters with 4-6 fruits, bright red in colour. **Fruit ripening is quickly uniform at low temperatures**. Very good firmness and shelf life. Excellent tolerance to cracking. Good and constant fruit setting even in the upper plant clusters. Plants are vigorous, with short internodes, very good leaf coverage and a short cycle. **Cherokee is recommended for autumn and spring greenhouse cultivation.**

Resistances:
HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1
IR: Ma/ Mi/ Mj

HYBLA F1

Variety characterised by excellent adaptability to different cultivation dates, **very good to over winter but also suitable for spring-summer transplants**. The medium internodes and the regularity of the cluster which requires little pruning, facilitate the grower. **The red colouring is very attractive** and the colour change is also very interesting. It is very firm when mature. **Weight 160-180 g**.

Resistances:
HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1
IR: TYLCV / Ma/ Mi/ Mj



VARIETY	FRUIT				PLANT		USE	RESISTANCES (HR / IR)
	SHAPE	COLOUR	WEIGHT g	CONSISTENCY AND STORABILITY	VIGOUR	CYCLE		
Cherokee F1	Smooth round, slightly flattened	Excellent coloring Red when Completely ripe	140-160	Good long Shelf life	High	Early	Greenhouse	HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1 IR: Ma/ Mi/ Mj
Hybla F1	Smooth round, slightly flattened	Excellent color change, very nice red	160-180	Very good long shelf life	High	Medium-early	Greenhouse	HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1 IR: TYLCV / Ma/ Mi/ Mj





TOMATO

indeterminate san marzano and saladette

TOMATO

indeterminate san marzano and saladette



ADAMO GREEN F1

ELOGANTED SAN MARZANO

Indeterminate tomato hybrid "san marzano" type, with high tolerance to blossom-end rot. Pear shaped fruit 12-14 cm long and 4-5 cm large, weighing 140-160 g. Very attractive colour at ripening, with thick flesh and good shelf life. Plant is vigorous with medium-early cycle and good leaf covering. Fruit setting is high even at high temperatures. It can be used for open field cultivations and protected crops; recommended for spring, summer and autumn plantings.



Resistances:
HR: Va:0/ Vd:0/ Fol:0,1/ ToMV:0-2



ROSSANO F1

OVAL

New tomato hybrid with oval and deep red fruit. Very uniform size of fruits weighing 140 g. Due to its great flavour and thick flesh, Rossano is suitable for tomato puree yield. Indicated for single fruit or cluster harvest showing red colour at full ripening. Plant is vigorous with short internode and early cycle, it produces fish-bone patterned clusters with 6-7 fruits. Suitable for greenhouse and open field crops.

Resistances:
HR: Va:0/ Vd:0/ Fol:0-1/ ToMV:0-2/ Pst
IR: TSWV:0/ Ma/ Mi/ Mj



ITTITA F1

OVAL

Oval "Roma" type tomato variety with an excellent glossy red colour and resistance to TYLCV and TSWV for loose or cluster harvesting when fully mature. The hybrid produces vigorous plants with good leaf coverage, a very generative habit with high fruit setting and yield. Clusters are regular with 6-7 fruits in a herringbone formation. Fruits are blocky, oval in shape, very uniform with an average weight of 160-180 g, good firmness and shelf life. ITTITA is well-adapted to greenhouse cultivation for spring-summer crops and open field growing; it is recommended for professional growers as well as home gardeners.

Resistances:
HR: Va:0/ Vd:0/ ToMV:0-2
IR: TSWV:0/ TYLCV/ Ma/ Mi/ Mj

ZENO F1

ELONGATED

Elongated tomato for single-fruit harvesting, ripe or red, uniform size of 150-170 g, with high tolerance to blossom end rot. The consistency and resistance to over-ripening is very good. The color of the fruit is excellent at the breaking stage with a beautiful red color at ripening. Good vigor and short internodes with notable fruit setting capacity for high productivity. The cycle is medium-early.



Resistances:
HR: Vd:0 / Va:0/ Fol:0,1/ ToMV:0-2/ Pf:A-E
IR: TSWV:0/ Ma/ Mi/ Mj



PINKSTONE F1

(ex TRM3315) OVAL PINK

Pink saladette tomato with strong plant and short internodes. Good leaves coverage with high productivity during the cycle. Cluster made of 6-8 fruits, pink when ripe, firm with high homogeneity for size. Good long shelf life in post-harvesting.

Resistances:
HR: Va:0/ Vd:0/ ToMV/ TSWV:0
IR: TYLCV/ Ma/ Mi/ Mj/ ToBRFV

NAPIKA F1

ELONGATED

Pear tomato hybrid with excellent bright green colour that turns to red at full ripening. It is recommended for single fruit or cluster harvest. Fruit is uniform weighing 150-170g, 10 cm long and 55-60 mm large. Very good fruit setting and uniform size of fruits. Plant is vigorous with short internode, very healthy and with good leaf covering. With medium-early cycle, Napika is used in all greenhouse planting seasons.



Resistances:
HR: Va:0/ Vd:0/ Fol:0,1/ ToMV:0-2/ Pf:A-E
IR: Ma/ Mi/ Mj

PLINIO F1

ELONGATED

Saladette tomato for single fruit harvesting, ripe or red. Oval-elongated fruit with uniform size of 140-150 g. The consistency and resistance to over-ripening is very good. The color of the fruit is beautiful green at the breaking stage with an excellent red color at ripening. Vigorous plant with medium-short internodes and with abundant fruit setting capacity for high productivity.

Resistances:
HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1
IR: TSWV:0/ Ma/ Mi/ Mj



VARIETY	FRUIT				PLANT		USE	RESISTANCES (HR / IR)
	SHAPE	COLOUR	WEIGHT g	CONSISTENCY AND STORABILITY	VIGOUR	CYCLE		
Adamo Green F1	Pear shape	Very good change color	140-160	Good	High	Medium Early	Tunnel Greenhouse Open field	HR: Va:0/ Vd:0/ Fol:0,1/ ToMV:0-2
Ittita F1	Oval	Bright deep red	160-180	Good	High	Early	Tunnel Greenhouse Open field	HR: Va:0/ Vd:0/ ToMV:0-2 IR: TSWV:0/ TYLCV/ Ma/ Mi/ Mj
Napika F1	Cylindrical shape 10 cm long and 55-60 mm large	Excellent coloring From green to red When ripe completa	150-170	Very good	Good with Compact Plant	Medium Early	Greenhouse	HR: Va:0/ Vd:0/ Fol:0,1/ ToMV:0-2/ Pf:A-E IR: Ma/ Mi/ Mj
Plinio F1	Cylindrical shape larger on the middle of the length	Intense green and red when ripe	140-150	Good	Very good	Medium	Tunnel Greenhouse Open field	HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1 IR: TSWV:0/ Ma/ Mi/ Mj
Rossano F1	Oval, 7-8 cm long and with diameter of 55-60 mm	Deep red when ripe	140	High	Good With short Internode	Early	Tunnel Greenhouse Open field	HR: Va:0/ Vd:0/ Fol:0,1/ ToMV:0-2/ Pst IR: TSWV:0/ Ma/ Mi/ Mj
Zeno F1	Cilindrical shape with neck at the 3/4 superior	Dark green and red when ripe	150-170	Good	High	Medium Early	Tunnel Greenhouse Open field	HR: Vd:0 / Va:0/ Fol:0,1/ ToMV:0-2/ Pf:A-E IR: TSWV:0/ Ma/ Mi/ Mj
TRM3315* F1	Oval	Pink	130-140	Good	Good	Medium Early	Greenhouse Open field	HR: Va:0/ Vd:0/ ToMV/ TSWV:0 IR: TYLCV/ Ma/ Mi/ Mj/ ToBRFV

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TOMATO

indeterminate specialities



CLOTO F1

CHERRY-COCKTAIL

Cocktail tomato tupe with round fruit of 45-50 mm diameter and 50-60 gr weight circa. Excellent bright red color. The shelf life is notable due to the thickness of the pulp which gives excellent consistency. The tolerance to cracking is excellent. **Very regular and constant inflorescence with single or double bunches of about 6-8 fruits.** The cycle is early. The plant is vigorous with short internodes and excellent leaf cover.

Resistances:
HR: Va:0/Vd:0/Fol:0,1/ToMV:0-2
IR: TYLCV

CRISPINO PLUM F1

STRIPED MIDI PLUM

Cherry-plum "zebra" type hybrid tomato, with striped fruit showing pronounced green colouring. Renowned for its deep red-coloured flesh, high lycopene content and high Brix. The average weight is 35-40 g, suitable for loose or cluster harvesting. Plants produce single or double clusters with 6-10 fruits. **Fruits are oval pear-shaped, brightly coloured and uniform in diameter.** Plants are compact, vigorous and have a short cycle.

Resistances:
HR: Va:0/Vd:0/ToMV:0-2/Fol:0,1



FANTINO F1

ORANGE MINI PLUM

Orange mini plum tomato with a sweet flavour and low acidity. Cylindrical fruits with a well-rounded apex and considerable uniformity in clusters and all over the plant. **Fruit weight is 18-22 g**, 40-45 mm long and 25 mm in diameter. Medium vigour plants with open foliage and short internodes with a very short cycle. **Fantino can be used in different transplant periods.**

Resistances:
HR: Va:0/Vd:0/ToMV:0-2/Fol:0,1

GREESPY F1

STRIPED MIDI PLUM

Highly vigorous plant, with short internodes and high production capacity with abundant bunches, often double and uniform. **Oval-pear shaped fruit** with a slight goatee characterised externally by an attractive striped colour with green and red-brown streaks; **internally the pulp is also characterised by a red-brown colour.** With a unique and strong flavour and high brix. Suitable for both single fruit and cluster harvesting. Very tolerant to bunching, notable tolerance to splitting and blossom end rot.

Resistances:
HR: Va:0/Vd:0/ToMV:0-2
IR: TYLCV



TOMATO

indeterminate specialities

ORANBELLO F1

CHERRY OVAL ORANGE

Orange indeterminate cherry-oval tomato for cluster or single fruit harvesting. Vigorous plant with a short internode, characterized by an open and covering leaf system. Excellent fruit setting in conditions of thermal stress and very high productivity. **Suitable for greenhouse cultivation. Round-oval, intense and bright orange, with good consistency and excellent LSL** (post-harvest shelf life). Bunches of 18-20 fruits inserted in a robust rachis. Crispy fruits with very high tolerance to cracking, high flavor with brix 8-10°. **Weight 16-18 grams.**

Resistances:
HR: ToMV:0,1/Fol:0,1/For/Pf:A-E
IR: TYLCV/Ma/Mj/Mj/SI



SKATE F1

MINI PLUM YELLOW

A yellow coloured "Mini plum" with excellent sweetness and flavour, and no acidity. Cylindrical, pear-shaped fruits **weighing about 20 g** with a well-rounded stylar apex and considerable uniformity in the clusters and along the branches. A medium vigour plant, with open foliage and short internodes. **With a very short cycle, it can be used in different transplant periods.**

Resistances:
HR: Va:0/Vd:0/ToMV:0-2/Fol:0,1

STAR GOLD F1

CHERRY YELLOW

Cherry yellow hybrid tomato for loose or cluster harvesting. **Fruits have a golden yellow colour at full ripening, with an average weight of 20-25 g and a diameter of 28-30 mm.** Balanced flavour and high sugar content. **Good tolerance to cracking.** Clusters are long, multiple, with many fruits. Plants are indeterminate, vigorous, with a very short cycle.

Resistances:
HR: Va:0/Vd:0/ToMV:0-2/Fol:0,1



VICERÈ F1

CHERRY YELLOW

Yellow cherry tomato (20 g) specialities for cluster harvesting and single fruit. Excellent consistency and high brix: 9-10.

Resistances:
HR: Va:0/Vd:0/ToMV:0-2/Fol:0,1
IR: Ma/Mj/Mj



TOMATO

indeterminate specialities



LEGOLAS (ex OXH3413) F1 OXHEART YELLOW

Oxheart yellow hybrids with good plant vigor and regular internodes. The clusters contain in average **4-5 fruits of the typical Oxheart shape** characterized by an attractive shine yellow color that makes them unique. High fruit firmness with good long shelf life (LSL).

Resistances:
HR: Va:0/ Vd:0/ ToMV:0-2
IR: TSWV:0/ Ma/ Mi/ Mj

TOMATO

indeterminate specialities



TCY2928* F1 MINI PLUM YELLOW

Hybrid of yellow mini plum characterized by typical date-shape; intense flavor, high brix level and shiny yellow color of the fruits. High vigor plant which allows it to be grown even in long cycles, foliage is intense green. Excellent fruit setting and medium-short internode allow high yields also for the numerous fruit present in the clusters. **The fruits, firm, uniform, in variable number from 20-24**, are arranged on a robust resistant stem, double stem with high frequency, that also allows the harvesting of single fruit with or without calyx. Excellent LSL.

Resistances:
HR: ToMV:0,1/ Fol:0,1
IR: TYLCV/ Ma/ Mi/ Mj



TCO2912* F1 MINI PLUM ORANGE

Hybrid of orange mini plum characterized by intense flavor and high brix level. The plant shown high vigor, which allows it to be grown even in long cycles the foliage is intense green and well covering. The excellent fruit setting and the presence of medium-short internodes allow high yields. **The fruits, firm, uniform, in variable number from 16-18**, are arranged on a robust resistant stem that also allows the harvesting of single fruit with or without calyx. Excellent LSL.

Resistances:
HR: ToMV:0-2/ Fol:0,1
IR: TSWV:0/ Ma/ Mi/ Mj/ ToBRFV



TCT2952* F1 CHERRY STRIPED

Cherry tiger tomato with an attractive **intense green color that turns to chocolate**. Plant of medium-high vigour, short internode, open and with excellent fruit setting. The fruits arranged in **clusters of 12-16 fruits** with high uniformity of size and good tolerance to cracking are distinguished by their sweetness and color with the presence of stripes. **High brix level**. Suitable for harvesting in clusters and single fruit.

Resistances:
HR: Va:0/ Vd:0/ ToMV:0-2/ Fol: 0,1
IR: Ma/ Mi/ Mj



TCY3575* F1 CHERRY YELLOW

Cherry yellow tomato that stands out for its bright **yellow color**. The plant is of medium-high vigour with high health and intense green foliage. **The fruits are arranged in numerous clusters with high tolerance to cracking**. Excellent fruit setting and uniformity of size within the cluster that allow for a homogeneous caliber. Suitable for harvesting in cluster and single fruit. The fruits, firm and crunchy, are distinguished by a sweet and fruity taste. High brix level and excellent LSL.

Resistances:
HR: Va:0/ Vd:0/ ToMV:0-2
IR: TYLCV

BABYZANO (ex MDP 3206) F1 MIDI ELONGATED

Midi elongated tomato for single or cluster harvesting. The plant has strong vigor with regular internode. **Fruits are organized in numbers of 10-12 for cluster** inserted in a strong stem. Color at ripe is perfect red. High yield and production. **Fruit weight is 60- 90 gr.**

Resistances:
HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1/ For/ Ss
IR: TYLCV/ TSWV:0/ Ma/ Mi/ Mj



TCO3266* F1 CHERRY OVAL ORANGE

Orange indeterminate cherry-oval tomato for cluster or single fruit harvesting. Vigorous plant and short internode. Excellent fruit setting and very high productivity. Fruits are round-oval with deep and bright orange and good firmness and excellent LSL. **Clusters of 18-20 fruits** in a thick stem. **Crunchy fruits with very high tolerance to cracking, high flavor with brix 8-10°**. Weight 16-18 grams.

Resistances:
HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1/ Ss
IR: TSWV:0/ TYLCV/ Ma/ Mi/ Mj



TCO4304* F1 MIDI PLUM ORANGE

Midi plum orange suitable for single harvesting and for cluster. Good vigor plant with medium internode and balanced leaf coverage. **Cluster are made by 6-8 fruit in a fishbone big stem**. This midi plum is characterized from **intense orange color** of the fruit, good firmness and high yield. **Fruit weight is 40- 60 gr.**

Resistances:
HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1
IR: TSWV:0/ Ma/ Mi/ Mj

VARIETY	FRUIT				PLANT		USE	RESISTANCES (HR / IR)
	SHAPE	COLOUR	WEIGHT g	CONSISTENCY AND STORABILITY	VIGOUR	CYCLE		
Cloto F1	Cocktail round	Red	35-40	Good	High	Med-early	Tunnel Greenhouse Open field	HR: Va:0/ Vd:0/ Fol:0,1/ ToMV:0-2 IR: TYLCV
Crispino Plum F1	Oval	With dark streaks either from green to ripe	35-40	Good	Good	Early	Tunnel Greenhouse Open field	HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1
Fantino F1	Cherry-plum	Orange	18-22	Good	High	Very early	Tunnel Greenhouse Open field	HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1
Greespy F1	Striped midi plum	With dark striped from green to brown	35-40	Good	High	Early	Tunnel Greenhouse Open field	HR: Va:0/ Vd:0/ ToMV:0-2 IR: TYLCV
Oranbello F1	Cherry oval	Orange	18-22	High	High	Early	Tunnel Greenhouse Open field	HR: ToMV:0,1/ Fol:0,1/ For /Pf:A-E IR: TYLCV/ Ma/ Mi/ Mj/ Sl
Skate F1	Plum	Yellow	18 - 22	Good	High	Very early	Tunnel Greenhouse Open field	HR: Va:0/ Vd:0/ ToMV: 0-2/ Fol:0,1
Star Gold F1	Round and uniform. Diameter of 20-25 Mm	Golden yellow	20-25	Good	High	Very early	Tunnel Greenhouse Open field	HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1
Vicerè F1	Round and uniform. Diameter of 20-25 Mm	Golden yellow	20	Very good	High	Early	Tunnel Greenhouse Open field	HR: Va:0/ Vd:0/ ToMV: 0-2/ Fol:0,1 IR: Ma/ Mi/ Mj
TL3413* F1	Oxheart	Yellow	180-200	High	Good	Early	Tunnel Greenhouse Open field	HR: Va:0/ Vd:0/ ToMV:0-2 IR: TSWV:0/ Ma/ Mi/ Mj
TCO2912* F1	Mini plum	Orange	18-20	Very good	High	Early	Tunnel Greenhouse Open field	HR: ToMV:0-2/ Fol:0,1 IR: TSWV:0/ Ma /Mi/ Mj/ ToBRFV
TCY3575* F1	Cherry round	Bright yellow	16-18	Good	Med-high	Extra early	Tunnel Greenhouse Open field	HR: Va:0/ Vd:0/ ToMV:0-2 IR: TYLCV
TCO3266* F1	Cherry oval	Orange	18-20	High	Good	Early	Tunnel Greenhouse Open field	HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1/ Ss IR: TSWV:0/ TYLCV/ Ma/ Mi/ Mj
TCY2928* F1	Mini plum	Yellow	18-20	Good	High	Extra early	Tunnel Greenhouse Open field	HR: ToMV:0,1/ Fol:0,1 IR: TYLCV/ Ma/ Mi/ Mj
TCT2952* F1	Cherry round striped	with dark striped from green to brown	16-18	Good	Medium	Medium early	Tunnel Greenhouse Open field	HR: Va:0/ Vd:0/ ToMV:0-2/ Fol: 0,1 IR: Ma/ Mi/ Mj
MDP3206* F1	Midi elongated	Red	60-90	Good	High	Early	Tunnel Greenhouse Open field	HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1/ For/ Ss IR: TYLCV/ TSWV:0/ Ma/ Mi/ Mj
TCO4304* F1	Midi plum	Orange	40-60	High	Good	Med-early	Tunnel Greenhouse Open field	HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1 IR: TSWV:0/ Ma/ Mi/ Mj

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CUOR DI BUE SEL. ALBENGA

Tomato variety well known for the **excellent organoleptic qualities of its fruits, much appreciated by consumers**. Plants are indeterminate, vigorous, with a medium-long cycle, **suitable for open field and greenhouse cultivations**. Fruits have a characteristic shape, with pronounced ribs and an average **weight of 220-260 g**. The colour is medium green, turning to orange-red when fully mature.

CUOR DI BUE SEL. CALABRESE

Tomato variety appreciated for the **organoleptic qualities of its fruits**. The plant is indeterminate, vigorous, with medium-late cycle, recommended for greenhouse and open field crops. The fruit has a characteristic shape, with well marked ribs and average **weight of 250-300 g with good shelf life**. The colour is medium green that turns to red orange at full ripening.



CUOR DI BUE SEL. JESI

Yellow oxheart. The plant is indeterminate, medium vigor, recommended for greenhouse and open field crops with good leaves coverage to limit sunburn. **Cluster of 3-5 fruits** with a characteristic shape, and marked ribs. **Fruit average weight 220- 250 g**. The colour is medium green that turns to yellow at full ripening.

MARMANDE

Tomato variety of **ribbed type**. The plant is indeterminate, quite vigorous, with very early cycle, recommended for greenhouse and open field cultivations. The fruit has a characteristic shape, with well marked ribs, deep green shoulders and average **weight of 180-200 g**. The colour is medium green that turns to red at full ripening.

Resistances:
HR: Fol:0





OXHEART BELMONTE

Tomato variety with determinate plants, quite vigorous with short internodes and a short cycle. **Fruits are round, multilocular and deep pink in colour when fully mature. Large size of 300-500 g. Recommended for open field and protected cultivation.** This selection is much appreciated by professional growers and home gardeners.

VARIETY	FRUIT				PLANT		USE	RESISTANCES (HR / IR)
	SHAPE	COLOUR	WEIGHT g	CONSISTENCY AND STORABILITY	VIGOUR	CYCLE		
Cuor di Bue sel. Albenga	Round pear and ribbed	Medium green slightly collect, which becomes red when ripe complete	220-260	Reduced	Good	Medium	Greenhouse and Open Field	-
Cuor di Bue sel. Calabrese	Globose with high ribbing	Medium green slightly collect, which becomes red when ripe complete	250-300	Reduced	Good	Medium	Greenhouse and Open Field	-
Cuore di bue sel. Jesi	Round pear and ribbed	Yellow	220-250	Reduced	Medium	Early	Greenhouse and Open Field	-
Marmande	Ribbed	Excellent color change	180-200	Acceptable	Good	Very early	Greenhouse and Open Field	HR: Fol:0
Oxheart Belmonte	Spherical and multilocular	When pink-violet in color when ripe	300-500	low	Medium with medium internode	Early	Greenhouse and Open Field	-



DOLCISIO F1

Determinate cherry plum tomato (15 g), 35 mm long with very tasty fruit and a high Brix level. Due to its excellent quality and high tolerance to cracking, **Dolcisio is recommended for processing as well as for the fresh market, for loose or cluster harvesting. Plants are vigorous and healthy, with deep green leaf colour and high fruit-setting ability.** The variety prefers clay soils. Because of its vigour, it is advisable to limit nitrogen contributions.

Resistances:
HR: Vd:0/ Va:0/ Fol:0,1
IR: Ma/ Mi/ Mj



REGIUM F1

A determinate yellow cherry tomato of medium-high vigour, very hardy and with a very early cycle. Fertility is excellent and maturing concerted. The plant produces oval-shaped, slightly pointed fruits **weighing 20-22 g** with high brix level (**> 7.5 °Bx**) and a pleasant flavour. The fruit is a consistent bright yellow, both internally and externally. The colour is attractive for the fresh market and perfectly suitable for industrial processing. High tolerance to cracking.

Resistances:
HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1

MARASCA F1

Determinate cherry tomato hybrid, "tondino" type, with early cycle. The plant is compact and with great leaf covering. Fruits are distributed on short wire, are **"cherry" type, deep red coloured at full ripening and with the diameter of 2,5 - 3,0 cm.** It is suitable for fresh market.

Resistances:
HR: Vd:0/ Va:0/ Fol:0



RENZINO F1

Hybrid cherry tomato variety, with determinate habit. Due to its compact plants, concentrated ripening and highly uniform fruits, Renzino is suitable for paste and natural peeled tomato crops. **Fruits are round, weighing 10 g and with a diameter of 22 mm. The quality is excellent, with a bright red colour, high Brix level and very aromatic flavour.** The cycle is early with small plants, ideal for early double-row crops.

Resistances:
HR: Fol:0/ Va:0/ Vd:0
IR: Ma/ Mi/ Mj



SCUDINO F1

Determinate hybrid tomato variety bearing fruits with the typical **“Vesuvian Piennolo”** shape. Good plant vigour with compact semi-erect habit characterised by very high yield, early flowering and quite concentrated ripening. Fruits are firm and tasty with a good balance of sugar and acidity. **The uniform size is about 25 g and attractive in shape.** This variety can be recommended for fresh market, for loose or cluster harvesting, or used for whole peeled canned tomatoes.

Resistances:
HR: Vd:0/ Va:0/ Fol:0,1

TWEET F1

Midi plum tomato with determinate plant of the Italian typology called **“principe borghese”**. The variety is normally cultivated in the open field where the fruit reaches around **30-35 g**, the colour in shiny red and very good flower, makes it suitable for the fresh market but solely. **Plant has good vigour and compact with very intense flowering.**

Resistances:
HR: Vd:0/ Va:0/ Fol:0,1/ Pst
IR: TSWV:0



VARIETY	FRUIT		PLANT		MAIN USE	RESISTANCES (HR / IR)
	SHAPE	SIZE g	VIGOUR	MATURITY		
Dolcisio F1	Cherry plum 35 mm length	15	Very good	Early	Open field for fresh market	HR: Vd:0/ Va:0/ Fol:0,1 IR: Ma/ Mi/ Mj
Regium F1	Cherry pear	18-20	Good	Very early	Double use for fresh and dice	HR: Va:0/ Vd:0/ ToMV:0-2/ Fol:0,1
Marasca F1	Cherry round, 30 mm diameter and excellent colour	30	Good	Early	Fresh market	HR: Vd:0/ Va:0/ Fol:0
Renzino F1	Cherry round 22, mm diameter, excellent colour and aromatic flavour	10	Good	Very early	Open field for canned and pickler tomato	HR: Fol:0/ Va:0/ Vd:0 IR: Ma/ Mi/ Mj
Scudino F1	Cherry pear	25	Good	Very early	Double use for fresh and dice	HR: Vd:0/ Va:0/ Fol:0,1
Tweet F1	Midi Plum	30-35	Good	Early	Fresh market	HR: Vd:0/ Va:0/ Fol:0,1/ Pst IR: TSWV:0

BILBO F1

Tomato hybrid of **“beef determinate”** type for single half green or red fruit harvest. Plant is very vigorous and productive with good and deep green leaf covering. **Fruits are round, slightly ribbed and large sized (250 g)**, turning to deep red colour at full ripening. **Remarkable shelf life.**

Resistances:
HR: Vd:0/ Va:0/ Fol:0-1/ Pst



DYSON F1

Plant has **medium-strong vigour** with excellent fruit cover and early maturity. **Large fruit size (250-300 g)**, deep round shape, uniform green shoulders and excellent glossy red colour. **Good firmness and shelf life.**

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1/ ToMV: 0-2
IR: TYLCV

FENAK F1

Determinate **pear shaped tomato hybrid** with vigorous plant, medium cycle and great yield performance. Fruits are pear shaped, with average **weight of 120 g, very uniform**, and with deep red colour at full ripening. Good shelf life. Fenak is recommended for fresh market both as standard tomato and red fruit. **Suitable for open field cultivations, with very small plant density corresponding to 2 plants per square meter.**

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1



KÉRO F1

Determinate hybrid tomato variety with **vigorous plants**. Fruits are jointless, oval-shaped, with an average **weight of 120 g** and excellent uniformity. Thanks to its quality, **Kéro is much appreciated by the fresh market and processing** both in paste form as well as for diced tomatoes.

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1/ Pst



TOMATO

determinate fresh market



TDM9845 F1

This hybrid shows excellent hot fruit-setting ability with high yield, excellent vigour and good leaf coverage. Strong points are its superb adaptability, **uniform fruit size (100 g)**, as well as the intense red colour and the thickness of flesh. TDM 9845 F1 is suited to handpicking, **recommended for fresh market and processing.**

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1
IR: TYLCV/ Ma/ Mi/ Mj

VARIETY	FRUIT		PLANT		MAIN USE	RESISTANCES (HR / IR)
	SHAPE	SIZE g	VIGOUR	MATURITY		
Bilbo F1	Round beef, slightly ribbing	200-250	Excellent	Medium-early	Standard and red fruit	HR: Vd:0 / Va:0 / Fol:0-1 / Pst
Dyson F1	Beef uniform color	260	Very good	Early	Determinate fresh market	HR: Va:0/ Vd:0/ Fol:0,1/ ToMV: 0-2 IR: TYLCV
Fenak F1	Large San Marzano type, very uniform	110-120	Very good	Medium-early	Full ripening harvest	HR: Va:0/ Vd:0/ Fol:0,1
Kéro F1	Large oval, good uniformity	120	Very good	Medium-early	Hand harvest	HR: Va:0/ Vd:0/ Fol:0,1/ Pst
TDM9845 F1	Oval	100	Very good	Early	Hand harvest	HR: Va:0/ Vd:0/ Fol:0,1 IR: TYLCV/ Ma/ Mi/ Mj



TOMATO

elongated for processing



CARTER F1

Hybrid of the pear-shaped type resistant to TSWV and Pseudomonas, with a medium-early cycle, with a vigorous plant, well tapered and very healthy and covering. The high fertility and concentrated ripening ensure excellent productivity. The fruit has an ogival-elongated shape, elegant and regular in the stages, with perfect detachment of the petiole at harvest. **The size is equal to 75 g, very uniform, of a particularly intense red color** when ripe. Good post-harvest hold. Due to its good size and excellent colour, it is also suitable for the fresh market and for split/dried. Its use is recommended for early and mid-August harvests.

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1/ Pst
IR: TSWV:0 / Ma/ Mi/ Mj

TOMATO

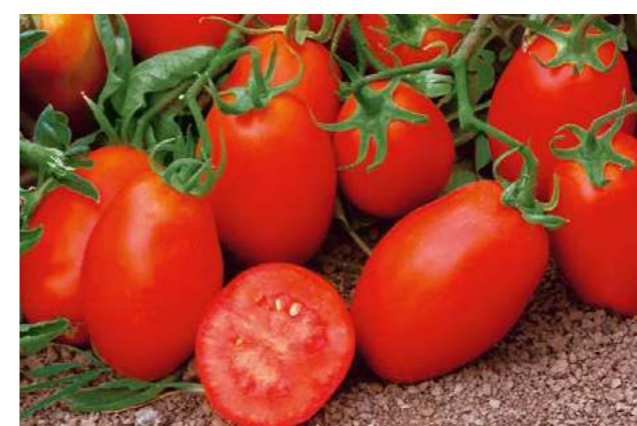
elongated for processing



GLADIS F1

Hybrid pear tomato variety with a medium-late cycle, quite vigorous plants and excellent yield. The fruits are pear-shaped, very firm and of good size (**75-85 g**). Due to its long shelf life, Gladis is recommended for both the fresh market and for peeled tomatoes. It is much appreciated for its colour, uniform fruits and processing yield. Very suitable for early as well as medium crops. **Gladis can be cultivated even in areas where Nematodes or Pseudomonas may be present.**

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1/ Pst
IR: Ma/ Mi/ Mj



GADES F1

Full-flesh pear tomato, much appreciated for its high brix content (up to 7°) and easy peeling for processing of whole peeled tomato. **Fruit size of 75 g** is very uniform with excellent deep red external and internal colour. Fruit flesh is full, with low juice content with few seeds inside. Plants are vigorous, well balanced with good leaf coverage and high fruit setting. **Short cycle, well adapted to fertile soil.**

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1/ Pst

JANUS F1

With fruits of elongated shape and good size (**90-100 g**). Resistant to TSWV, plants have excellent vigour, a medium short cycle with abundant flowering and yield. This hybrid is characterized by the remarkable quality of the fruits with thick flesh and an intense red colour. **The absence of tap root and excellent peelability make it particularly suitable for fresh market and for processing of whole peeled tomatoes.** Recommended for early and intermediate crops, preferring fertile soils with good organic matter. Recommended for production areas with high risk of tomato spotted wild virus

Resistances:
HR: Vd:0/ Va:0/ Fol:0,1/ Pst
IR: TSWV:0



TALENT F1

This hybrid is very well known in the areas where it is cultivated tomato for the production of peeled tomatoes. The plant is determinate, vigorous, with good leaf covering, recommended for mechanical harvesting in middle and late productions. **The fruit is pear shaped, with good size (70 g), very firm and deep red coloured.** Its major qualities are great yield and good field holding. Because of the plant vigour, water and nitrogen must be well dosed (better if it is given calcium nitrate) during the periods of more intense vegetative development. During fertilization Talent prefers potassium and calcium, to be given in a well balanced way compared to the supply of other cations.

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1/ Pst



ARAGON F1

Pear elongated variety for dicing and peeling. Very adaptative plant to different soils and transplanting times, especially in medium arid areas. Plant shows intense, leaf colour and is healthy especially against bacterial speck, always guarantees good fruit cover. The fruit (**75 g**) is functional jointless, excellent colour and **good °Brix**. Suggested for **peeled tomato production and dicing**.

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1/ Pst
IR: TSWV:0/ Ma/ Mi/ Mj

DECIO F1

Elongated pear of the full flesh type with an excellent yield. The plant has good vigour that makes it suitable both early and medium late transplant, ensuring consistently high fruit set and yield along with a good fruit quality. Also suitable to heavy soil. **The full flesh fruit (80 g) is especially indicated for diced and dried tomato.**

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1/ Pst
IR: Ma/ Mi/ Mj



VARIETY	FRUIT		PLANT		MAIN USE	RESISTANCES (HR / IR)
	SHAPE	SIZE g	VIGOUR	MATURITY		
Aragon F1	Elongated	75	Very good	Medium-early	Peeling and dry	HR: Va:0/ Vd:0/ Fol:0,1/ Pst IR: TSWV:0/ Ma/ Mi/ Mj
Carter F1	Elongated	75	Very good	Medium-early	Peeling, dice and dry tomato	HR: Va:0/ Vd:0/ Fol:0,1/ Pst IR: TSWV:0/ Ma/ Mi/ Mj
Decio F1	Pear full flesh type	80	Very good	Medium-early	Dice and dry	HR: Va:0/ Vd:0/ Fol:0,1/ Pst IR: Ma/ Mi/ Mj
Gades F1	Pear full flesh type	75	Good	Early	Dice and dry	HR: Va:0/ Vd:0/ Fol:0,1/ Pst
Gladis F1	Elongated, good size	80-85	Very good	Medium-late	Peeling, dice and fresh market	HR: Va:0/ Vd:0/ Fol:0,1/ Pst IR: Ma/ Mi/ Mj
Janus F1	Pear shaped with a small stem scar	90	Excellent	Medium	Dice and dry	HR: Vd:0/ Va:0/ Fol:0,1/ Pst IR: TSWV:0
Talent F1	Pear-elongated	70	Excellent	Medium	Peeling	HR: Va:0/ Vd:0/ Fol:0,1/ Pst
Vicky F1	Elongated	80	Very good	Medium-early	Dice and dry tomato	HR: Vd:0 / Va:0 / Fol:0,1/ Pst



ADVISOR F1

Hybrid tomato with medium-short cycle and healthy, vigorous plants resistant to TSWV. Great yield performance thanks to its good flowering and fruit setting. Fruits are oval-shaped, with an average **weight of 70 g**, very firm and deep red in colour. **High brix, excellent flesh colour and good tolerance to high temperature conditions make Advisor a superb hybrid.**

Resistances:
HR: Vd:0/ Va:0/ Fol:0,1/ Pst
IR: TSWV:0/ Ma/ Mi/ Mj



ASCANIO F1

New introduction in the downy mildew **resistant (IR) segment**. The hybrid has a medium-early cycle, with a plant with excellent leaf coverage and medium vigor. **The prismatic fruits weighing 65-75 g**, resistant to burns and apical rot, lend themselves to all types of industrial processing. The plant is very rustic, with excellent fruit quality and a consistent thickness of pulp.

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1/ Pst
IR: Pi/ Ma/ Mi/ Mj

BLEND F1

Processing tomato variety with prismatic fruits of good size (80 g) and resistant to TSWV. Very fertile and productive, the variety is characterised by superbly uniform size. Thanks to the intense red flesh colour, it is particularly **suitable for the processing market for diced tomato and pulp**. Plants have excellent vigour with an average maturation cycle concentrated very close to the harvest. **Recommended for early planting**, in areas subject to springtime cold snaps, as well as for transplants after mid-May for end-of-season harvests.

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1/ Pst
IR: TSWV:0/ Ma/ Mi/ Mj



CALIENDO F1

Tomato hybrid selected for its good fruit setting at high temperatures. The plant is vigorous with flat habit. **The cluster consists of 10-14 fruits** with short internodes and good leaf covering. The flowering is very abundant. The fruits is jointless, blocky shaped, **weighing 60 gr**. Caliendo is appreciated for its high sugar content and is suitable for medium and medium-late crops. Recommended for fertirrigation.

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1

INCREASE F1

New tomato hybrid with vigorous plant, very adaptable to different soils, with great yield performance even with clay soils. The plant is healthy, with good leaf covering, **great productivity and long shelf life.** The fruit is round, firm, bright red colour, weighing 70-75 g. Cycle is medium/medium-early.

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1/ Pst
IR: Ma/ Mi/ Mj



KANT F1

New medium cycle hybrid that stands out for its high yields per hectare, very high quality, consistency, field stability and ° Brix. **The fruits are oval-square, of good size (75 g),** very firm and of an intense red color when ripe. The medium-early cycle plant with good vigor and excellent rusticity, adapts well to crops with tired soils and guarantees high production yields.

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1/ Pst
IR: Ma/ Mi/ Mj

LIVIO F1

New hybrid resistant to Late blight disease (Phytophthora infenstans). This variety presents a vigorous plant with a cycle of maturity of 120-130 days, ideal for late harvesting with transplanting from late May to early June. The fruit is very good in size, around 80-85 g, and the high fertility especially in hot conditions. **Good fruit quality, this variety is well adopted for dicing and paste.** The resistance to Late blight (Pi) makes it ideal as an organic crop.

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1
IR: Pi/ Ma/ Mi/ Mj



QUICKFIRE F1

Hybrid with a very early cycle, with oval fruits. The plant has good vegetative development with **good-sized fruit (75-80 g),** uniform on all stages and with an excellent bright red color. In addition to its precocity, it is characterized by **high productivity and good °Brix.** Suitable for industrial processing for concentrate and puree, its use is recommended for early harvests at the end of July. Resistant to Pseudomonas (Pst) and nematodes, transplanting in double rows is recommended.

Resistances:
HR:Vd:0/ Va:0 / Fol:0-1 / Pst
IR: Ma/ Mi/ Mj

RED VALLEY F1

Ideal hybrid for late transplantations with ageing in 110-115 days. The fruit is oval-long with size of 75 g, very uniform and high firmness. The plant is vigorous and covering, very healthy and recommended for every type of field, even the particularly "tired" ones. This hybrid has an excellent fruit setting and good for over-ripe. The fruit has thick and very firm flesh, high Brix and excellent colour. Is recommended for paste and diced production.

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1/ Pst
IR: Ma/ Mi/ Mj



REDDY F1

"Round" tomato hybrid, resistant to TSWV. The fruit is blocky shaped, weighing 80 g, very uniform and firm. The plant is compact, vigorous, with good leaf covering. It is notable for its abundant flowering and early cycle (95 days). Reddy has high sugar content and great flesh colour, recommended for paste, puree and diced tomatoes yield.

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1/ Pst
IR: TSWV:0/ Ma/ Mi/ Mj



RUPHUS F1

Early hybrid, well known for its productivity and its good field- holding. Plants are determinate, suitable both for one or double-row planting, and are compact with good leaf coverage, extraordinarily fertile even in the harshest weather conditions. Ripening is concentrated, the fruits are jointless, firm and of medium size. The variety prefers medium texture soils and requires proper fertilization, to enable it to quickly develop its own vegetative structure. Thanks to its healthy growth and high field-holding, Ruphus is surely the hybrid that expresses the fewest defects.

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1/ Pst
IR: Ma/ Mi/ Mj

WALLY RED F1

Hybrid with great adaptability and yield performance. The plant is vigorous, determinate, very compact, with good leaf covering and medium cycle. Fruits are jointless, **oval shaped and weighing 75 g,** very firm and with good shelf life. Thanks to its high Brix, deep red flesh and high juice viscosity, Wally Red is recommended for paste, puree and diced yield.

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1
IR: Ma/ Mi/ Mj



PRIVIO F1

New early hybrid in the segment of varieties resistant (IR) to downy mildew. The plant is of medium vigor with short internodes, good leaf coverage and very intense and concentrated flowering, making it particularly suitable for early transplants with twin-row planting. It develops bright red fruits weighing approximately 55-60 g with a high sugar content. Excellent consistency and field stability.

Resistances:
HR: Va:0/ Vd:0/ Fol:0,1
IR: Ma/ Mi/ Mj/ Pi



VARIETY	FRUIT		PLANT		MAIN USE	RESISTANCES (HR / IR)
	SHAPE	SIZE g	VIGOUR	MATURITY		
Advisor F1	Oval-square	75	Good	Early	Paste and dice	HR: Vd:0/ Va:0/ Fol:0,1/ Pst IR: TSWV:0/ Ma/ Mi/ Mj
Ascanio F1	Oval-long	75	Good	Medium	Paste and dice	HR: Va:0/ Vd:0/ Fol:0,1/ Pst IR: Pi/ Ma/ Mi/ Mj
Blend F1	Oval-square	75-80	Very Good	Mid-Early	Paste, dice and juice	HR: Va:0/ Vd:0/ Fol:0,1/ Pst IR: TSWV:0/ Ma/ Mi/ Mj
Caliendo F1	Blocky-round	70	Excellent	Medium-early	Paste and dice	HR: Va:0/ Vd:0/ Fol:0,1
Increase F1	Oval	70-75	Very good	Medium	Paste and dice	HR: Va:0/ Vd:0/ Fol:0,1/ Pst IR: Ma/ Mi/ Mj
Kant F1	Oval-square	70-75	Very good	Medium-early	Paste and dice	HR: Va:0/ Vd:0/ Fol:0,1/ Pst IR: Ma/ Mi/ Mj
Livio F1	Oval-square	80-85	Excellent	Late	Paste, dice and juice	HR:Vd:0 / Va:0 / Fol:0-1 / Pst IR: Ma/ Mi/ Mj
Quickfire F1	Oval-round	80	Good	Very early	Paste, dice and juice	HR:Vd:0 / Va:0 / Fol:0-1 / Pst IR: Ma/ Mi/ Mj
Red Valley F1	Oval-long	75	Very good	Late	Paste and dice	HR: Va:0/ Vd:0/ Fol:0,1/ Pst IR: Ma/ Mi/ Mj
Reddy F1	Oval-round	75-80	Good	Early	Paste	HR: Va:0/ Vd:0/ Fol:0,1/ Pst IR: TSWV:0/ Ma/ Mi/ Mj
Ruphus F1	Oval-round	65	Good	Medium-early	Paste and dice	HR: Va:0/ Vd:0/ Fol:0,1/ Pst IR: Ma/ Mi/ Mj
Wally Red F1	Oval-round (full flesh type)	70-75	Very good	Medium	Paste and dice	HR: Va:0/ Vd:0/ Fol:0,1 IR: Ma/ Mi/ Mj
Privio F1	Oval-square	55-60	Good	Very early	Paste and dice	HR:Va:0/ Vd:0/ Fol:0,1 IR: Ma/ Mi/ Mj/ Pi

NEW

IMPETO F1

Red lamuyo pepper with a medium-early cycle and a vigorous plant, characterized by high fruit setting even in conditions of thermal stress and high productivity. Suitable for cultivation in a protected environment with transplants ranging from October to February. Color uniform intense red, quadrilobed, smooth wall and thick pulp which guarantees long preservation of the fruits both plant and post-harvest. The fruits of high size with flat glass are characterized by a high specific weight with an average weight of 500-550 g, length 16-18 cm, shoulder 10-12 cm and robust peduncle.

Resistances:
IR: TSWV:0



LINARES F1

Half-long red lamuyo pepper hybrid with strong upright plant habit. The fruit has a good size, weighing 380 g, 14-16 cm long and 7-8 cm diameter. Thick flesh, sweet flavour and bright green colour that turns to bright red when mature. Plant shows very good fruit setting and very early maturity. Flexible hybrid for protected and open field cultivation, appreciated for hobby gardeners and local professional growers.

Resistances:
HR: Tm:0

MACIO F1

Hybrid with good vigour and appropriate leaf coverage. It has elongated fruits about 8-9 cm in diameter and 18-20 cm long corresponding to about 380-400 g, medium green colour, turns to bright red when fully mature. Plant has strong vigour with good fruit setting and high yield. Recommended for semi professional market and hobby gardeners in greenhouse and open field cultivation.

Resistances:
HR: Tm:0



OVIDIO F1

Red pepper with regular fruit, smooth wall, size 10x10 cm, thick flesh (8mm) and average weight 300-350 g. Deep red colour, high firmness of fruits that guarantee good tolerance to physiological plant disorders in the field and to handling and transport. Good tolerance to micro-cracking. The plant is vigorous, with a mid-early cycle, upright habits with an excellent leaf coverage. OVIDIO shows a high productivity (8 fruits/plant in the first 2 harvests). Recommended for open field plantations without supports, well adapted also for industrial destinations. Also adapted to greenhouse plantations during spring and summer cycle.

Resistances:
HR: Tm:0-3
IR: TSWV:0

PEPPER red lamuyo



NEW

TIRRENO F1

Half long red pepper. Medium-early maturing plant, with **good vigor**, upright habit and covering leaf system, with **continuity of flowering** which guarantees **high productive yields** even in **conditions of thermal stress**. **Elegant**, with an **attractive color change until fully ripe**, characterized by an **intense red**. Berries of **uniform size** and quadrilobed shape. They have a very **thick pulp** and a smooth wall with **high tolerance to microcracking**. Equipped with a long peduncle and flat calyx.

Resistances:
HR: Tm:0-2
IR: TSWV:0

VIRGILIO F1*

Excellent hybrid of mid-long red pepper with a large shoulder and good plant cover. Excellent for greenhouse and open field cultivation. Fruit of uniform size, mainly quadrilobate, with dimensions of 14-16 long and 9-10 cm diameter, **weight of 450- 500 g**. The intense red colour, the smooth, thick wall make the fruits particularly attractive and with a good shelf life. Plant is strong with short internodes and take advantage of good fertilisation at early stage. **Remarkable is the fruit setting in different climatic condition, that make it suitable for greenhouse in spring-summer and over winter cultivation.** Appreciated for fresh market and processing.

Resistances:
HR: Tm:0
IR: TSWV:0



PEPPER yellow lamuyo



BACCO F1*

BACCO has a good setting capacity with high and uniform production throughout the cycle. The fruits are very regular with an average length of 18 - 20 cm and width of 9 - 10 cm. **Excellent dark green colour in the phase of maximum development and intense and bright yellow** during colour change and when fully mature. The fruits have an average **weight of 500-550 g** with a smooth wall and thick pulp. Excellent tolerance to micro-cracking and very resistant to stress conditions and low temperature.

Resistances:
HR: Tm:0
IR: TSWV:0

ENNIO F1*

The plant has medium-high vigour, with an **open-habit** suitable for open field cultivation. It produces **Lamuyo type fruit ½ long**, thick flesh with excellent colouring, medium size, **500-550 g**. Excellent fruit set and continuity of production.

Resistances:
HR: Tm:0
IR: TSWV:0

NEW



PEPPER yellow lamuyo



IDEAL F1

Half-long yellow pepper hybrid. The plant is vigorous, compact, with good leaf covering. **Fruit is uniform, with 3-4 lobes, size 15x8 cm and weight around 350 g**. Thick flesh, sweet flavor and bright yellow at ripening. Ideal has high yield potential, suitable both for greenhouse and open field.

Resistances:
HR: Tm:0



NEW

IRIDE F1

Plant: medium-high vigour, slightly lower than Bacchus. Excellent leaf coverage and the open structure favors the regular development of the fruit from the first stages. Fruits: **Lamuyo ½ long. Very regular size of the fruit, about 400 g**, always with three or four points. Excellent fruit set and production continuity.

Resistances:
HR: Tm:0-2
IR: TSWV:0

IULOR F1

Long yellow lamuyo pepper hybrid with large fruits and early cycle. Iulor has been selected for the size of the fruit and its compact plant. **The 3-4 lobed fruits have large size: 9-10 x 20 cm with high specific weight of 500 g and good shelf life.** The plant with early cycle is very compact and vigorous, suitable for both greenhouse and open field off season crops.

Resistances:
HR: Tm:0



MOHAY F1

The fruit is of good size, with shoulder up to 9 cm wide and 16-18 cm long. It has a smooth skin, **thick flesh and average weight of 400-450 g**. The colour turns to deep yellow at full ripening. The size and uniformity of the fruit remain constant throughout the harvesting time. The plant is vigorous, with upright habit and good leaf covering. **The cycle is medium-early.** Recommended for early plantings in protected cultivation with seedlings grafted onto rootstock Rocal, exploiting extended yield until autumn.

Resistances:
HR: Tm:0
IR: TSWV



PL 20073 F1*

Plant: medium vigour, open habit suitable for both greenhouse and open field cultivation. **Fruit:** Lamuyo ½ long, thick flesh with excellent coloration, **medium-large size, 450 g.** The fruit set in the lower stages is excellent.

Resistances:
HR: Tm:0-2
IR: TSWV:0

QUADRUS F1

Yellow blocky pepper hybrid selected for its excellent characteristics. **Fruit shows good size (11x13 cm), with 10 mm thick flesh, and weight of 500g. Good shelf life and tolerant to transport.** The plant is compact and vigorous with up-right habit, good leaf covering that prevents any sunburn. The cycle is medium-early and the ripening is contemporary. Good behaviour also in protected cultivation.

Resistances:
HR: Tm:0-2



VARIETY	FRUIT										PLANT		
	TYPE	PRE-RIPE COLOUR	RIPENING COLOUR	LENGTH (CM)	WIDTH (CM)	THICKNESS	WEIGHT (g)	PUNGENCY (SCOVILLE)	ORIENTATION	CYCLE	VIGOUR	GROWING USAGE	DISEASE RESISTANCE (HR/IR)
RED LAMUYO													
Impeto F1	Lamuyo (3/4)	Green	Red	16-18	10-12	High thick	500-550	Sweet	Pendant	Medium	High	Tunnel Greenhouse	IR: TSWV:0
Linares F1	Lamuyo (1/2)	Green	Red	15-16	8-9	Medium	400-450	Sweet	Pendant	Medium	Medium	Open field-greenhouse	HR: Tm:0
Macio F1	Lamuyo (3/4)	Green	Red	18-20	8-9	Medium high	450-500	Sweet	Pendant	Medium	Medium	Open field-greenhouse	HR: Tm:0
Ovidio F1	Blocky	Green	Red	10-12	10-12	High thick	300-350	Sweet	Pendant	Medium early	High	Open field-greenhouse	HR: Tm:0-3 IR: TSWV:0
Tirreno F1	Lamuyo (3/4)	Green	Red	15-17	10	High thick	450-500	Sweet	Pendant	Medium	Med-High	Tunnel Greenhouse	HR: Tm:0-2 IR: TSWV:0
Virgilio F1	Lamuyo (1/2)	Green	Red	16-18	9-10	Medium high	450-500	Sweet	Pendant	Medium	Medium	Open field-greenhouse	HR: Tm:0 IR: TSWV:0
YELLOW LAMUYO													
Bacco F1	Lamuyo (3/4)	Green	Yellow	18-20	9-10	High thick	500-550	Sweet	Pendant	Medium late	Very high	Open field-greenhouse	HR: Tm:0 IR: TSWV:0
Ennio F1	Lamuyo (3/4)	Green	Yellow	18-20	9-10	High thick	500-550	Sweet	Pendant	Medium late	Very high	Open field-greenhouse	HR: Tm:0, IR: TSWV:0
Ideal F1	Lamuyo (1/2)	Green	Yellow	14-15	8	Medium thick	350-400	Sweet	Pendant	Medium early	Medium	Open field-greenhouse	HR: Tm:0
Iride F1	Lamuyo (1/2)	Green	Yellow	14-15	9-10	High thick	400-450	Sweet	Pendant	Medium	Medium	Greenhouse	HR: Tm:0-2 IR: TSWV:0
Iulor F1	Lamuyo (3/4)	Green	Yellow	18-20	9-10	Medium thick	450-500	Sweet	Pendant	Early	High	Open field-greenhouse	HR: Tm:0
Mohay F1	Lamuyo (3/4)	Green	Yellow	16-18	9-10	Thick	400-450	Sweet	Pendant	Medium early	Medium	Greenhouse	HR: Tm:0 IR: TSWV
PL 20073 F1	Lamuyo (1/2)	Green	Yellow	15-16	9-10	High thick	450-500	Sweet	Pendant	Medium early	Medium	Greenhouse	HR: Tm:0-2 IR: TSWV:0
Quadrus F1	Blocky	Green	Yellow	12-13	10-11	Very high thick	400-450	Sweet	Pendant	Medium early	High	Open field-greenhouse	HR: Tm:0-2

LIBECCIO F1

LIBECCIO is a yellow horn, in the “dulse italiano” segment Regular size, heavy, long and very smooth fruits (22x4-5 cm and **weight 200 g.**). Balanced plant, good tolerance to microcracking and very high brix level.

Plant with high vigour mainly suitable for greenhouse and open field. Well appreciated in the fresh market.

Resistances:
HR: Tm:0
IR: TSWV:0



CAPRICORN F1

Conical goat's horn type, red pepper hybrid. The plant is vigorous, medium tall, with up-right habit, good leaf covering. **Three-lobed fruit 25 cm long, with shoulder 6-7 cm large, weighing 200 g.** Thick and sweet flesh.

Resistances:
HR: Tm:0-2



EFESO F1

Long, hot hybrid variety with fruits about **18 cm long and 3 cm in diameter, weighing up to 60 g.** With an excellent red colour and particularly thick flesh. Plants have good vigour and excellent fertility and are suitable for greenhouse and open field cultivation.

Resistances:
HR: Tm:0
IR: PVY



FULVIA F1

Hybrid pepper of the cornokapia type, medium vigour, high earliness and covering foliage that reduces the possibility of sunburn. Resistance to TSWV (Tomato Spotted Wilt Virus). **Conical fruit, uniform, characterized by an excellent bright red color. High production continuity, even in the upper layers; 14-18 cm fruits** with high pulp thickness; excellent LSL. Suitable for greenhouse and open field cultivation with good tolerance to micro-cracking and apical rot.

Resistances:
HR: Tm:0
IR: TSWV:0



GRECALE F1

Horn-shaped hybrid for red or green harvesting. Long fruit (25 cm in length) and average weight 150-160 g. Medium thickness, bright red colour when ripe and very sweet flesh. The plant is medium-high erect habit with a very high yield capacity. **Recommended for greenhouse cultivation.** Suitable for greenhouse and open field.

Resistances:
HR: Tm:0-2
IR: TSWV:0 / Lt

RED BULL F1

Hybrid of the red bullhorn type. Plants have a medium-high erect habit and good covering foliage. Recommended for open field and greenhouse cultivation. **Fruits are of good size, reaching 25 cm in length and an average weight of 160 g.** The flesh is sweet with medium thickness and a bright red colour when ripe. Suitable for greenhouse and open field.

Resistances:
HR: Tm:0



ERIS F1

Conical red pepper hybrid "Cayenne" type. Fruit size is 1-2 x 10-14 cm and very spicy placenta. Bright dark green colour which turns to deep red at full ripening. The plant is tall, vigorous and with very early cycle; it is characterized by good fruit setting and great yield performance. It is recommended for spring-summer open field and protected cultivations.

Resistances:
HR: Tm:0-2
IR: TSWV

ESARO F1

Plant: Spicy indeterminate pepper of the cayenne type. Rustic plant characterized by high uniformity of medium-high vigor with an upright habit and covering foliage, suitable for cultivation in open fields and in greenhouses. Characterized by high fruit setting and high productivity. Fruit: with a **very intense red color and a length of 14 - 17 cm,** characterized by a high level of spiciness. Used mainly for the fresh market and also for drying, maintaining good aroma, color and a high dry matter residue. The fruits are highly uniform and tend to be straight.

Resistances:
HR: Tm:0-2
IR: PVY:0



PH 18300 F1*

Spicy indeterminate pepper of the cayenne type. Rustic plant characterized by high uniformity of medium-high vigor with an upright habit and good foliage coverage, suitable for cultivation in open fields and in greenhouses. Characterized by high fruit setting and high productivity. **Fruit: with a very intense red color and a length of 20 - 22 cm, characterized by a high level of spiciness.** Used mainly for the fresh market and also for drying, maintaining good aroma, color and a high dry matter residue. The fruits are highly uniform and tend to be straight.



SARACENO F1

Indeterminate hot pepper of the cayenne type. Rustic plant, resistant to low temperatures and characterized by high uniformity of good vigour with semi-erect growth and covering foliage, suitable for greenhouse and open field cultivation. Characterized by high fruit set and high productivity. **Plant with a very intense red color, 10-12 cm long,** characterized by a good degree of spiciness. Used mainly for drying maintaining good aroma, color and a high dry matter residue; the variety is also suitable for fresh consumption for both green and red harvesting.

Resistances:
HR: Tm:0-2



VARIETY	FRUIT										PLANT		
	TYPE	PRE-RIPE COLOUR	RIPENING COLOUR	LENGTH (CM)	WIDTH (CM)	THICKNESS	WEIGHT (g)	PUNGENCY (SCOVILLE)	ORIENTATION	CYCLE	VIGOUR	GROWING USAGE	DISEASE RESISTANCE (HR/IR)
Libeccio F1	Horn	Green	Yel	23-25	5-6	Good thick	200-220	Sweet	Pendant	Early	Very high	Open field-greenhouse	HR: Tm:0 IR: TSWV:0
Capricorn F1	Horn	Green	Red	23-25	6-7	Medium high	200-220	Sweet	Pendant	Early	Very high	Open field-greenhouse	HR: Tm:0-2
Efeso F1	Cayenna	Green	Red	16-18	3-4	High	60-70	Hot(20-25.000)	Pendant	Early	Medium	Open field-greenhouse	HR:Tm:0 PVY
Fulvia F1*	Horn/kapia	Green	Red	17-19	6-7	Medium	130-150	Sweet	Pendant	Medium early	Medium high	Greenhouse	HR:Tm:0 IR: TSWV:0
Grecale F1	Horn	Green	Red	22-24	4-5	Medium	130-150	Sweet	Pendant	Very early	Very high	Open field-greenhouse	HR: Tm:0-2 IR: TSWV:0/ Lt
Red Bull F1	Horn	Green	Red	20-22	4-5	Medium	130-150	Sweet	Pendant	Very early	High	Open field-greenhouse	HR: Tm:0
Eris F1	Cayenna	Green	Red	12-14	1-2	Thin	15-20	Hot (10-15.000)	Pendant	Very early	High	Open field-greenhouse	HR:Tm:0-2 IR: TSWV
Esaro F1	Cayenna	Green	Red	14-17	1-2	Thick	50-60	Hot	Pendant	Early	Medium high	Open field-greenhouse	HR: Tm:0-2 IR: PVY:0
PH 18300 F1*	Cayenna	Green	Red	20-22	3-4	Medium	40-50	Hot (20.000)	Pendant	Medium	Medium	Greenhouse	-
Saraceno F1	Cayenna	Green	Red	18-20	2-3	Medium	40-50	Hot (20-25.000)	Pendant	Early	Medium	Greenhouse	HR: Tm:0-2

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PARIPA F1

Pepper hybrid “red topepo” type. The plant is vigorous, with good leaf covering and high yield. The fruit is round flattened with diameter of 9 cm, slightly ribbed, **weighing 150 g**. The flesh is sweet and particularly thick and ensures a good shelf life in post-harvest. Paripa is characterized also by the high sugar content of the fruit, suitable for fresh market and processing.

Resistances:
HR: Tm:0



VERACE F1

Hybrid of the **red “topepo” type.** Plant with short internodes, open, vigorous with good leaf coverage and high productivity. The fruit is rounded and slightly ribbed and flattened, with a **diameter of 9-10 cm, with an average weight of 120-130 g**. Excellent color intense green with uniform red color. **Very thick, fleshy and sweet pulp.** Excellent post-harvest conservation (LSL).

Resistances:
IR: TSWV:0



ZHINA F1

Conical light green pepper with excellent fruit setting and great yield potential, recommended for greenhouse **cultivation in spring/summer/autumn.** Remarkable is also the fruit (**120-140 g**) quality with 18-20 cm length and large shoulder (6-7 cm) with rather smooth wall and straight shape along the whole production cycle. Plant is strong with short internodes, very early maturity with open habits.



K 32411 F1

Hybrids of **red kapya pepper type**, suitable for growing mainly in the greenhouse, **fruits have 2-3 lobes and are of average weight 130-150 g** that during maturation switch from green to an attractive glossy red colour. Thanks to its firmness, the fruit can be **stored for a long time.** The hybrid is suitable for fresh consumption and for canning. Excellent for cooking and peeling. Plant has strong vigour erect habit, high setting ability and good leaf coverage.

Resistances:
HR: Tm:0
IR: TSWV:0



RED CHERRY SMALL F1

Hot round red pepper that is also used for processing. **Fruits have an upright orientation, with a size of 3 - 3.5 cm and thick flesh (5 mm) and a weight up to 20 g.** With a medium-short cycle, it is grown both in greenhouses and in open fields.

Resistances:
HR: Tm:0



SPARTACO F1

Blocky white pepper with very uniform fruit size of **180-200 g** and thick flesh tolerant to handling and long shipping. Plant has excellent vigour suitable for open field and greenhouse with resistance to tobamovirus (HR) Tm:0. **Good tolerance to low temperatures, the hybrids have great yield potential with a continuous production of very regular fruit.**

Resistances:
HR: Tm:0



REALIS F1

Kapya hybrid with mainly 2 chambers. Regular size fruit (14-15x4-5 cm and weighing 130-150 g.). Balanced plant with medium short internodes mainly suitable for greenhouse. Good tolerance to microcracking and attractive deep red colour during maturation phase. Plant is vigorous with great adaptability for different transplant cycles. Very high setting and yield potential.

Resistances:
HR: Tm:0
IR: TSWV:0



LANCIA (PLA41351)* F1

Lastochka type, the hybrid combines an excellent yield production considering the **high specific weight with a great fruit quality** for pulp thickness and smooth wall. Resistance to tobamovirus (tm:0), suitable for greenhouse and open field with a medium early cycle.

Resistances:
HR: Tm:0



ENEIDE F1

New blocky white pepper resistant to tm:0 and TSWV:0. Regular size 8 cm large and 8-9 long, thick flesh, smooth skin and high weight of **220-260 gr.** The fruit has excellent uniformity during the whole productive cycle and excellent post-harvest storage. **ENEIDE F1 is an early variety with high set and yield at the beginning of crop.** Plant has medium vigour, good leaf cover and short internodes. Recommended for cultivation in protected crops in the spring/summer/autumn.

Resistances:
HR: Tm:0
IR: TSWV:0



BIANQUE F1

Hybrid conical white pepper with uniform fruit size, wide shoulder of 6-8 cm and 14-16 cm long, very thick flesh (8-9 mm), attractive white colour, smooth skin and good **weight 140-150 gr.** Plant has very early maturity, self supported habits, strong and vigorous with excellent fruit setting along the production cycle. **Recommended for greenhouses and open field crop.**

Resistances:
HR: Tm:0-3
IR: TSWV:0



PLA 18266 F1

Lastochka type, the hybrid combines an excellent yield production considering the **high specific weight** with a great fruit quality for wall thickness. Smooth wall. Suitable for greenhouse and open field with a medium early cycle.

Resistances:
HR: Tm:0-2
IR: TSWV:0/Xcv



LOMBARDO

Cigarette-type selection. The plant is compact and produces thin flesh fruits, **14-16 cm long and average weight of 30 g**, white-green coloured. Lombardo has great yield potential and is recommended as **“pickles” product.**

PEPPER

other type



BELZEBÙ

Small “calabrese” type hot pepper, conical in shape with a diameter of 1.5 cm and 5-6 cm long. Fruit flesh is quite thin at 2mm with a weight of 15-20 g. Very high pungency of around 36,000 Scoville units. Plants are strong with an erect habit, fruits are also upright, early maturing and suitable for open field cultivation.



BOTTONAZZO

Sweet “spinning top” pepper variety with smooth pulp and excellent deep red color when fully ripe. The fruit is 7-8 cm long with a diameter of 4-5 cm, wall thickness of 4-5 mm and average weight of 50-60 g. Very fertile plant with good vigor and rusticity with compact growth and short internodes. Excellent variety for open field cultivation.



DONOR

Conical pepper hybrid, yellow coloured at full ripening, elongated shaped, slightly flattened at the peduncle-ends with medium thick flesh. Size is 19-21 x 5-6 cm and the average weight is 200 g. The plant is vigorous, with good leaf covering and medium-late cycle.



FLUMERI

The selection is characterized by the exceptional uniformity of the fruits and excellent post-harvest shelf life. Red topepo type fruit when ripe, the shape is round-flattened with uniform size, diameter 6-8 cm. Very thick flesh with a smooth wall. Optimal for processing. Compact plants with excellent leaf coverage that affords fruit effective protection against sunburn. Easy set-up even at high temperatures which guarantees high and continuous production throughout the cycle. Suitable for open field and protected spring cultivation.



GORRIA

Deep red hot pepper, date shaped and 4 cm long. Short plant that produces fruits in bunches facing up.



VARIETY	FRUIT										PLANT		
	TYPE	PRE-RIPE COLOUR	RIPENING COLOUR	LENGTH (CM)	WIDTH (CM)	THICKNESS	WEIGHT (g)	PUNGENCY (SCOVILLE)	ORIENTATION	CYCLE	VIGOUR	GROWING USAGE	DISEASE RESISTANCE (HR/IR)
OTHER TYPES													
Ashdodna F1	Snack	Green	Red	5-7	3-5	Medium thin	10-20	Sweet	Pendant	Medium	Medium	Greenhouse	-
Paripa F1	Topepo	Green	Red	4-5	8-9	Medium thick	100-120	Sweet	Pendant	Early	High	Open field	HR: Tm:0
Verace F1	Topepo	Green	Red	6-8	10-12	High thick	180-200	Sweet	Pendant	Medium early	Medium	Greenhouse - open field	IR: TSWV:0
PLA 18266 F1*	Lastochka	Green	Red	14-16	8-10	High thick	180-200	Sweet	Pendant	Medium early	Medium	Greenhouse - open field	HR: Tm:0-2 IR: TSWV:0/Xcv
Red cherry F1	Cherry	Green	Red	3-4	3-4	Medium thick	20-30	Hot	Upright	Early	Medium	Open field-greenhouse	HR: Tm:0
Orangadya F1	Snack	Green	Ora	5-7	3-5	Medium thin	10-20	Sweet	Pendant	Medium	Medium	Greenhouse	-
C 15212 F1	Charleston	Lightgreen	Red	18-20	6-7	Medium	110-130	Sweet	Pendant	Medium	High	Greenhouse	HR: Tm:0-2 IR: TSWV:0
C 15213 F1	Charleston	Lightgreen	Red	18-20	6-7	Medium	110-130	Sweet	Pendant	Medium	High	Greenhouse	HR: Tm:0-2 IR: TSWV:0
C 15217 F1	Charleston	Lightgreen	Red	18-20	6-7	Medium	110-130	Sweet	Pendant	Medium	High	Greenhouse	HR: Tm:0-2 IR: TSWV:0
K 32411 F1	Kapia	Green	Red	17-19	6-7	Medium	130-150	Sweet	Pendant	Medium early	Medium high	Greenhouse	HR: Tm:0 IR: TSWV:0
Realis F1	Kapia	Green	Red	16-18	6-7	Medium	120-140	Sweet	Pendant	Medium early	Medium high	Greenhouse	HR: Tm:0 IR: TSWV:0
Zhina F1	Charleston	Lightgreen	Red	18-20	6-7	Medium	120-140	Sweet	Pendant	Medium	Very high	Greenhouse	-
OPEN POLLINATED													
Acadya F1	Snack	Green	yellow	5-7	3-5	medium-thin	10-20	sweet	pendant	medium	medium	Greenhouse	-
Belzebù	cayenna	green	red	5-6	1-2	medium	10-15	hot (30-40.000)	upright	early	medium	open field-greenhouse	-
Bottonazzo	heart	green	red	7-8	4-5	medium	50-60	sweet	upright	early	medium	open field-greenhouse	-
Donor	bull horn	green	yellow	19-21	5-6	medium	150-200	sweet	pendant	medium late	high	open field-greenhouse	-
Flumeri	topepo	green	red	5-6	7-8	very thick	140-160	sweet	pendant	medium	medium	open field-greenhouse	-
Gorria	cayenna (bunching)	green	red	4	2	medium-thin	20	hot (15-20.000)	upright	early	medium high	open field-greenhouse	HR: Tm:0
Lombardo	lombardo-sivri	lightgreen yellow	red	14-16	2	very thin	30	sweet	pendant	early	medium	open field	-
Piccante citrino (PH 16969)*	cayenna	ivory-yellow	red	7-8	2	medium-thin	15-20	hot (15-20.000)	upright	early	medium	open field-greenhouse	-
Lancia F1 (PLA41351)*	Lastochka	green	red	16-18	5-7	medium	150	sweet	pendant	early	medium	open field-greenhouse	HR: Tm:0
Senise	horn	green	red	15-16	5-6	thin	60-80	sweet	pendant	early	medium	open field-greenhouse	-
Uro	bull horn	green	red	20-25	5-6	medium	200-220	sweet	pendant	medium early	medium	open field-greenhouse	-
WHITE CONICAL & BLOCKY													
Bianque F1* (PHR 20178)	Conical white	White	Red	13-15	5-6	Medium	120-140	Sweet	Pendant	Medium	Medium	Greenhouse	HR: Tm:0-3 IR: TSWV:0
Eneide F1* (PBW 18131)	Blocky white	White	Red	8-9	8-9	High	180-200	Sweet	Pendant	Early	Medium	Greenhouse	HR: Tm:0 IR: TSWV:0
Spartaco F1	Blocky white	White	Red	9-11	8-10	Medium high	150-170	Sweet	Pendant	Medium	High	Open field-greenhouse	HR: Tm:0

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WATERMELON seeded



CRIMSON SWEET

CRIMSON

Classic round fruit selection of watermelon with dark green skin furrowed by light green streaks and average weight of 10-12 kg. The pulp, of a beautiful intense red color, is crunchy, free of fibers and with excellent sugar content. The plant is rustic, fertile and productive and its average cycle allows harvesting after about 85 days from sowing. Resistant to Fon:1 (Tracheofusariosis race 1) and Co:1 (Anthracnose race 1).

Resistances:
IR: Co:1/ Fon:1

BETANIA F1

CRIMSON

Crimson Sweet hybrid watermelon. Fruits have an oval shape with excellent external and internal colour. The flesh is sweet and red. Fruits have an average **weight of 8-10 kg** with a uniform oval shape. Plants have medium vigour with good fruit setting and high yield. **Recommended transplanting in greenhouse, small tunnel and open field.**

Resistances:
IR: Fon:1



BINGOPLUS F1

SUGAR BABY

Hybrid watermelon "sugar baby" type, with dark skin. Fruit is round shaped with average **weight of 6 Kg and very uniform diameter.** **Flesh has great deep red colour, crispy and with high sugar content.** Plant is medium vigorous, with good leaf covering and very early cycle of 70 days after planting. Recommended for open field crops.

Resistances:
IR: Fon:0,1



KETTY F1

MINI WATERMELON

Personal crimson-type hybrid watermelon, with a uniform size of **2/2.5 Kg.** Fruits are round, with bright green skin showing dark stripes. The flesh is red in colour, crisp and tasty due to the high sugar content. Plants have good vigour and a short cycle, **recommended for greenhouse cultivation as well as in small tunnels and open fields.** Due to high fruit setting, the variety guarantees high yields with plant density from 6,000 to 8,000 plants per hectare.



MADDALENA F1

Crimson Sweet hybrid watermelon. It is recognised for its elongate shape, sweet flesh, fine, fibreless texture and its deep red colour and mini seeds. **Another characteristic is its ability to keep a fresh, bright green skin colour for an extended period of time after harvest.** Fruits have an average **weight of 11-14 kg,** with high uniformity of size throughout the harvesting time. This variety has strong, outstanding vigour which results in excellent yield. Its cycle is early, 70 days after planting.

Resistances:
IR: Fon:1

WATERMELON seeded



MODELLINO F1

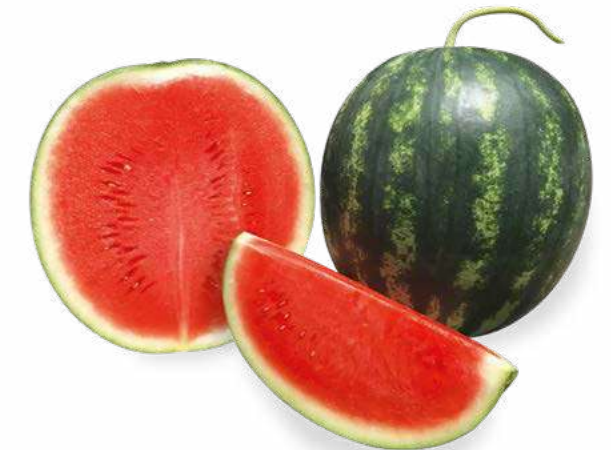
MINI WATERMELON

Personal hybrid watermelon, with a uniform size of 2.5 Kg. Fruits are round, with bright green skin, showing dark stripes and good tolerance to cracking. **The flesh is deep red in colour, crisp and tasty due to the high sugar content.** The seeds are few and small. Plants have good vigour and a very short cycle, recommended for early crops in the greenhouse as well as in small tunnels and open field. **Due to high fruit setting, the variety guarantees high yields.**

MUSA F1

MINI WATERMELON

Personal watermelon with micro-seeds and extremely uniform fruit size of 2 - 2.4kg. Skin is typically of the crimson type with a bright, shiny green colour, and strong enough to prevent cracking and ensure good shelf life. Flesh is deep red in colour with a high sugar content of about **12-13° brix,** good firmness and excellent taste. Plants have medium vigour, with high fruit setting also in low temperature conditions. **Suitable for greenhouse and open field cultivation.**



OBLA F1

CRIMSON

Crimson Sweet hybrid watermelon. It is recognised for its oblong shape, sweet flesh, fine, fibreless texture and its deep red colour. Another characteristic is its ability to keep a fresh, bright green skin colour for an extended period of time after harvest. Fruits have an average **weight of 10-12 kg,** with high uniformity of size throughout the harvesting time. **This variety has medium, outstanding vigour which results in excellent yield.** Its cycle is medium, 85 days after planting.

Resistances:
HR: Co:1/ Fon:1

WATERMELON

seeded



WM 19069 F1

CRIMSON

Elongated watermelon with medium high vigor, rustic plant and good leaf coverage. Medium cycle. Good productivity. Very large caliber, of the elongated oval watermelon type of about **18-22 kg** and over. The skin has a proportionate thickness for the typology and very compact and crunchy pulp with deep red color and goo brix level. **Mini seeds.**

WATERMELON

seeded

ADELE F1 (WM 21005)

MINI WATERMELON

Vigorous and very rustic, with excellent MINI WATERMELON leaf coverage. Great fruit setting and productivity. **Ideal for early transplants both in greenhouses and in open fields with tunnels. It is suitable for grafted use. Mini round watermelon 2.5 - 3.5 kg.** The fruit is round with crimson skin, well stretched, dark and very attractive. When ripe, thin skin and very compact and crunchy pulp. **Intense red color, high brix level and excellent flavor.** High uniformity of the fruits, together with the long shelf life make it ideal for export. It is also characterized by the presence of small seeds.



MELISSA F1 (WM 20160)

Medium vigor, very rustic, with good leaf coverage. Medium early cycle. Notable fruit setting and productivity. **Ideal for medium and late transplants under tunnels and in open fields. It is suitable for grafted use of Cucurbita spp crosses.**

Large caliber, of the **elongated oval watermelon** type of about **15-20kg** and over, with a very attractive crimson skin. When ripe, the skin has a normal thickness for the type and very compact and crunchy pulp. **Intense red color, high brix level** and excellent flavor. **Few seeds** which together with a compact and crunchy pulp make it ideal for both the domestic market and for export.

Resistances:
HR: Fon:1



EROS F1

CRIMSON

Crimson Sweet hybrid watermelon. Fruits have an oval shape with excellent external and internal colour. The flesh is sweet and red. Fruits have an average **weight of 12-14 kg** with a uniform oval shape. Plants have strong vigour with good fruit setting and high yield. **Recommended transplanting in greenhouse, small tunnel and open field.**

RITA F1 (WM 21119)

Of **medium vigour**, very rustic, with good leaf coverage. Medium early cycle. Notable fruit setting and productivity. **Ideal for medium and late transplants under tunnels and in open fields.** Of large size, of the **large round watermelon type of about 13-15 kg** and over, with a very attractive crimson skin. When ripe, the skin has a normal thickness for the type and very compact and crunchy pulp. **Intense red colour, high brix level and excellent flavour.** **Few seeds** which together with a compact and **crunchy pulp** make it ideal for both the domestic market and for export.

Resistances:
HR: Fon:1



REBECCA F1 (WM 21061)

MIDI WATERMELON

Medium vigor, very rustic, MIDI WATERMELON with excellent leaf coverage. Early cycle. Great fruit setting and productivity. **Ideal for early transplants both in greenhouses and in open fields with tunnels. Suitable for grafted use.** Of the **midi round watermelon of 6-8 kg** type, with a very attractive crimson skin. When ripe, thin skin and very compact and crunchy pulp. **Intense red color, high brix level and excellent flavor.** **Small seed** which together with a very compact and crunchy pulp make it ideal for both the domestic market and for export.

DOROTEA F1 (WM 21158)

Of **medium vigour**, very rustic, with good leaf coverage. Medium early cycle. Notable fruit setting and productivity. **Ideal for medium and late transplants under tunnels and in open fields.** Of large size, of the **elongated oval watermelon type of about 15-20 kg** and over, with a very attractive crimson skin. When ripe, the skin has a normal thickness for the type and very compact and crunchy pulp. **Intense red colour, high brix level and excellent flavour.** **Few seeds** which together with a compact and crunchy pulp make it ideal for both the domestic market and for export.

Resistances:
HR: Fon:1



WATERMELON

seedless



TORERA F1

MIAKO

Round seedless striped watermelon, "miako" Jubilee type. Fruits are round in shape with excellent external and internal colour. Very red flesh and good flavour. Average weight of fruits around **4-5 kg**. Good plant vigour with an early maturing cycle. High yielding variety with uniform production. **As the seedless varieties produce lifeless pollen, planting with the interposition of pollinating varieties like Modellino or Musa is recommended.**

GRACIOSA F1

MIAKO

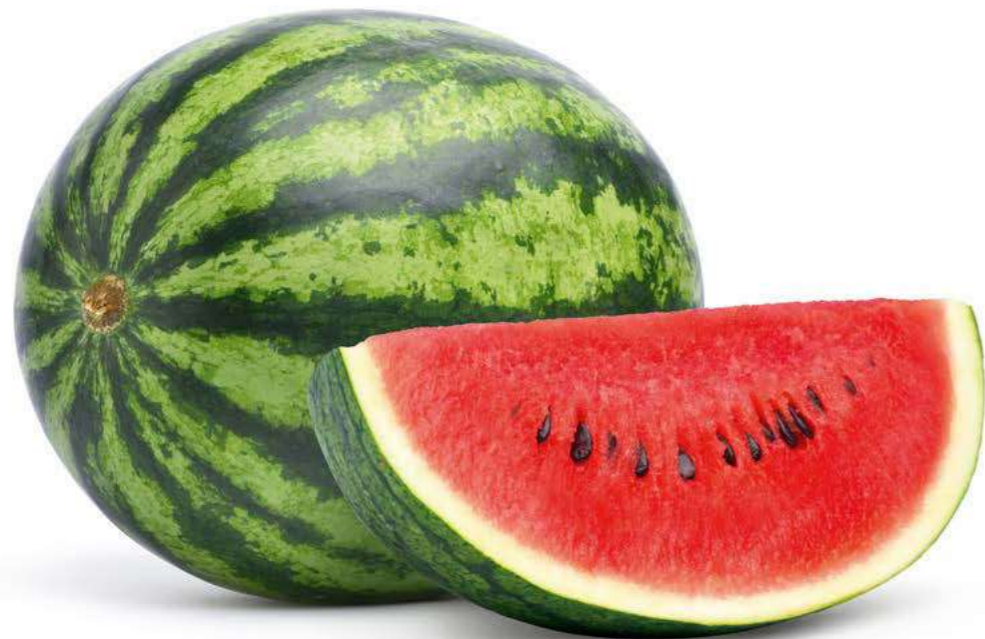
Seedless, yellow flesh watermelon. Vigorous plant with early cycle. Good fruit setting and great yield performance. Fruit with light green skin and dark green stripes. **Very uniform size: 4-5 kg. Yellow, crispy, fiberless and very sweet flesh.** A seeded variety is recommended in interposition, for pollinating function.



SWEET CANDY F1

CRIMSON

Seedless hybrid watermelon, "personal" type. **Fruits are round, weighing 2.0 kg and with excellent uniformity of size.** The flesh is deep red, crisp and with a high sugar content. The seedless character ensures **excellent shelf life**. Plants have medium vigour with good fruit setting. With a **very short cycle**, Sweet Candy can be cultivated in greenhouses, tunnels and open field. As the seedless varieties produce lifeless pollen, planting with the interposition of pollinating varieties is recommended.



VARIETY	TYPE	FRUIT		PLANT	CYCLE (DAYS FROM PLANTING)	USE
		SHAPE	WEIGHT Kg			
SEEDED						
Crimson Sweet	Crimson	Round	10-12	Medium vigor	85	Open field
Betania F1	Crimson	Oblong	8-10	Medium vigor	75	Green house, small tunnel, open field
Bingoplus F1	Sugar baby	Round	6	Medium vigor	70	Greenhouse, Open field
Ketty F1	Personal	Round	2-2,5	Strong vigor	70	Small tunnel, open field
Maddalena F1	Crimson	Elongated	11-14	Strong plant	70	Green house, small tunnel, open field
Modellino F1	Personal	Round	2,5-3	Medium vigor	70	Green house, small tunnel, open field
Musa F1	Personal microseed	Round	2	Medium vigor	70	Green house, small tunnel, open field
Obla F1	Crimson	Oblong	10-12	Strong plant	85	Green house, small tunnel, open field
WM 19069 F1	Crimson	Elongated	15-18	Very strong plant	80	Small tunnel, open field
Melissa F1 (WM 20160)	Crimson	Elongated	12-14	Medium vigor	80	Small tunnel, open field
Eros F1	Crimson	Oblong	12-14	Strong plant	80	Small tunnel, open field
Amore F1	Crimson	Oblong	8-10	Strong	80	Green house, small tunnel, open field
Pasion F1	Seedless sugar baby	Round	5 Kg	Strong good cover	80	Green house, small tunnel, open field
Torera F1	Seedless miako	Round	4-6	Strong plant	85	Green house, small tunnel, open field
Rebecca F1 (WM 21061)	Crimson midi	Round	4-5 (GH) 6-8 (OF)	Medium vigor	70	Greenhouse, tunnel, open field
Adele F1 (WM 21005)	Crimson mini	Round	2,5-3,5	Strong plant	80	Greenhouse, tunnel, open field
Rita F1 (WM 21119)	Crimson	Round	13-15	Medium vigor	80	Tunnel, Open field
Dorotea F1 (WM 21158)	Crimson	Elongated	15-20	Medium vigor	80	Tunnel, Open field
SEEDLESS						
Graciosa F1	Miako yellow flash	Round	4-5	Vigorous	85	Green house, small tunnel, open field
Sweet Candy F1	Seedless crimson	Round	2-2,5	Vigorous	85	Green house, small tunnel, open field

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DUCA F1

ITALIAN CANTALOUPE

Monoecious hybrid melon with a short cycle and concentrated maturation. Vigorous plant with good leaf coverage, a deep green colour and very good fruit setting that guarantees great yield performance. Fruits are round oval in shape with prominently marked sutures, uniform in size (**1.4 to 1.6 kg**). The skin shows evident netting and presents a golden-yellow colour when mature, with attractive contrasting green sutures. The flesh is salmon orange in colour with **brix of 13°-14°** and a very good flavour. **Suitable for professional growers as well for home gardeners.**

Resistances:
HR: Fom:0-2
IR: Gc/ Px

JANNET F1

ITALIAN CANTALOUPE

Italian cantaloupe hybrid melon appreciated for its short cycle. Fruits are round-oval in shape with an average **weight of 1.6 to 2 kg**. The flesh is orange coloured, crisp, with a good brix level. Plants are medium vigorous, with very good leaf coverage. **The cycle is very short, and the variety is recommended for greenhouse, tunnel and open field cultivations.**

Resistances:
HR: Fom:0-2
IR: Gc/ Px



PEKO F1

ITALIAN CANTALOUPE

Monoicous melon hybrid with early cycle and concentrated ripening. Vigorous plant with good leaf covering, deep green coloured and very good fruit setting, that guarantees great yield performance. **The fruit is round oval with marked suture, uniform sized (1.2 to 1.4 kg).** The skin shows evident netting, golden-yellow colour at ripening, which well contrasts with the green slice suture. **The flesh is salmon orange colour with brix of 13° -15°.** The Mid Life character guarantees good fruit shelf life up to 6-7 days at room temperature in post-harvest. Peko is recommended for greenhouse and tunnel early plantings in the Centre and South of Italy.

Resistances:
HR: Fom:0-2
IR: Gc/ Px:1,2

ELIODORO F1

YELLOW CANARY

“Amarillo” type hybrid melon with a short cycle, recommended for greenhouse and small tunnel cultivation. Plants have strong vigour with very good fruit setting even in cold conditions. Fruits are very uniform in size at **1.6 - 2 kg** with an attractive golden yellow colour, good firmness and deeply ribbed skin. **Outstanding shelf life and good quality due to a high brix level of 14-16°.** Fruit flesh is greenish in colour, juicy and crispy with good firmness.

Resistances:
HR: Fom:0,1
IR: Gc/ Px



GALIA F1

GALIA

Galia melon hybrid with evident netting and good shelf life. The fruit is round, very uniform, weighing 1.5 kg, and golden yellow coloured at full ripening. The flesh is light green, firm and thick, with very small seed cavity. The plant is vigorous, with early cycle and good fruit setting. Recommended for greenhouse and open field cultivations.

Resistances:
HR: Fom:0,1
IR: Px:1,2



NEW

GIANGI F1

ITALIAN CANTALOUPE

Medium vigorous plant with excellent leaf coverage. With an **early cycle**, it is suitable for greenhouse and tunnel transplants. Thanks to its good fertility and high uniformity, it guarantees excellent production. Hybrid with excellent presentation for its dense netting and marked groove. **The shape is round with an average weight of 1.4-1.6 kg. Orange pulp, crunchy and with a high Brix degree.** The consistency of the pulp and its excellent conservation make it ideal for large-scale distribution and export.

MLAN 1001 F1*

ANANAS

An excellent **Ananas-type hybrid with yellow-orange flesh and fine, netted rind.** This hybrid is uniform and round-oval in shape. It has excellent fruit quality for flavour and sweetness. **Plants are medium vigorous, with very good leaf coverage.**

Resistances:
HR: Fom:0-2
IR: Px



VARIETY	FRUIT			PLANT		RESISTANCE
	SHAPE	WEIGHT Kg	NETTING	EARLINESS	FLOWER	
ITALIAN CANTALOUPE						
Duca F1	Round-oval	1,4 - 1,6 Kg	Very strong	Medium early	Monoecious	HR: Fom:0-2 IR: Gc/ Px
Jannet F1	Round-oval	1,6-2,0 Kg	Evident	Early	Monoecious	HR: Fom:0-2 IR: Gc/ Px
Peko F1	Round-oval	1,4 Kg	Strong and well marked	Very early	Monoecious	HR: Fom:0-2 IR: Gc/ Px;1,2
Giangi F1	Round-oval	1,4-1,6 Kg	Very strong	Very early	Monoecious	-
YELLOW CANARY						
Bejano F1	Oval	3 - 3,5 kg	Absent with wrinkled skin	Very good	Andromonoecious	HR: Fom:0,1 IR: Gc / Px
Eliodoro F1	Oval	2 - 2,5 kg	Absent with wrinkled skin	Very good	Andromonoecious	HR: Fom:0,1 IR: Gc/ Px
GALIA						
Galia F1	Round	1,6 - 1,8 Kg	Evident	Good	Andromonoecious	HR: Fom:0,1 IR: Px;1,2
ANANAS						
Jaguar F1	Oval elongated	3 - 3,5	Medium	Medium	Andromonoecious	HR: Fom:0,1,2 IR: Px
Mlan 1001 F1	Oval elongated	3,5 - 4	Strong	Medium	Andromonoecious	HR: Fom:0-2 IR: Px

CUCUMBER



CAROSELLO BARATTIERE

Selection with andromonoecious flowering with early and very productive cycle. **Strong plant with round fruit of 12 cm diameter.** Of a **beautiful light green color**, with light superficial crests. Remarkably rustic, it is indicated for open field and greenhouse crops.



MARKETMORE 76

Classic cucumber variety with **vigorous plant and medium cycle.** It has andromonoecious flowering, producing **fruits 25 cm long with dark-green skin.** It is recommended for open field crops.

Resistances:
HR: CCu/ CMV



EPSILON F1

Parthenocarpic hybrid, slicer type. **Cylindrical and uniform fruit, sizing 18 - 20 x 5 cm** and showing bright dark green colour and smooth skin. The plant is vigorous, with early cycle and mono-style habit with reduced side branches, which limits suckers removal. Great yield potential, constant throughout the planting cycle. Epsilon is recommended for spring, summer and autumn cultivations.

Resistances:
IR: Px

GOGHEN F1

Parthenocarpic "slicer" hybrid variety with intermediate resistance to Powdery mildew. Cylindrical fruit with very uniform shape, **20-22 cm long with a dark, bright green colour and evident spines.** Excellent flavour and good shelf life post-harvest thanks to the firmness of the flesh that gives a high specific weight. Single-stem plant with short internodes, very healthy and early-maturing. Open plant habit with few side shoots. Very good hot fruit-setting ability and very high commercial yield throughout the production cycle. **Recommended for protected cultivation for spring, summer and autumn production.**

Resistances:
HR: CCu
IR: Px/ CVYV/ CMV



PRESTIGIOSO F1

Hybrid with vigorous plant and medium cycle maturity Andromonoecious **producing fruit of 25 cm length.** dark green skin destinate for open field crop.

Resistances:
HR: CCu
IR: Px/ CVYV/ CMV



BELLINI F1

Long Dutch cucumber hybrid with remarkable yield and good fruit quality. Plant is vigorous with short internodes, early maturity and parthenocarpic flowering. **Fruit is 30-35 cm long**, cylindrical shaped and very uniform **weighing 300-350 g.** Suitable for spring and summer crop.

Resistances:
IR: CVYV/ CYSDV

CUP 18100 F1

Cucumber pickling for open field cultivation. Fruit is dark green and bright colour, well cylindrical and uniform shape with ratio width/length 1/3. **Plant has good vigour, early maturity cycle and excellent setting ability.** Tolerant to the main common virus affecting the crop. CUP 18100 F.1 is also well **adapted for fresh market** and processing use.

Resistances:
HR: CCa
IR: Px/ CVYV/ CMV



VARIETY	FRUIT			CYCLE (DAYS FROM TRANSPLANTING)	PLANT	RESISTANCES	USE
	FLOWERING	SHAPE	LENTH CM				
Carosello Barattiere	Andromonoecious	Round	12	Early	Strong plant	-	Open Field & greenhouse
Bellini F1	Parthenocarpic	Cylindrical shaped and very uniform, weighing	30 - 35	Short	Plants are vigorous with short internodes, early maturity and in winter	IR: CVYV/ CYSDV	Greenhouse
CUP 18100 F1	Andromonoecious	Dark, bright green colour, uniform shape with width/length ratio of 1/3	5-8	Short	Plants have good vigour, an early maturity cycle and excellent fruit setting ability	HR: CCa IR: Px/ CVYV/ CMV	Open Field & greenhouse
Epsilon F1	Parthenocarpic	Elongated-cylindrical, dark-green fruit with white spines	18 - 20	Short	Mono-style plant with reduced side branches,	IR: Px	Greenhouse
Goghen F1	Parthenocarpic	Long cylindrical shape and dark green colour. Small, white spines	20 - 22	Early in production	Single stem with short internodes	HR: CCu IR: Px/ CVYV/ CMV	Greenhouse
Marketmore 76	Andromonoecious	Elongated-cylindrical, dark-green fruit with white spines	25	Medium	Vigorous	HR: CCu/ CMV	Open Field
Prestigioso F1	Parthenocarpic	Elongated-cylindrical, dark-green fruit with white spines	25	Medium	Vigorous	HR: CCu IR: Px/ CVYV/ CMV	Open Field



GORIZIANA ESTIVA sel. Tina

BATAVIE & LOLLO

Plant with semi-erect growth habit, light green in color. Reduced external foliage, elongated semi-closed head, heavy, bright blond in color. Suitable for protected and open field cultivation in all periods.

MARAVILLA DE VERANO Rubra - Batavia rossa

BATAVIE & LOLLO

Plant of good vigor, rustic, with large foliage, slightly blistered, thick and crunchy. The head is semi-compact, medium green in color with a wine red border that intensifies with low temperatures. A very plastic selection with wide adaptability, suitable for greenhouses and open fields.



LS 21100

BATAVIE & LOLLO

A medium cycle variety, suitable for spring, summer and autumn transplanting. The head is of a good size, with thick medium bright green foliage. **Good tolerance to tip burn and bolting.**

Resistances:
HR: BI 16-22,25,31,32

VARIETY	POSITIONING	HEAD	LEAF	NOTE
Goriziana Estiva sel. Tina	For spring, summer and autumn crops	Semi-erect habit, light green in colour	Semi-savoyed	Blond batavia
LS 21100	For spring, summer and autumn crops	Vigorous plant with compact head and open habit with bright medium green foliage	Typical curly leaves, shiny light green in colour	HR: BL 16-22,25,31,32
Maravilla de Verano - Rubra	For autumn crops	Semi compact, medium green with red edges	Large, slightly savoyed and crisp	Red batavia, very attractive colour

DAFNE F1

Hybrid eggplant coming from "listada de Gandia" genetics. Fruit is oval-long of 17-20 cm at commercial stage weighing 400-500 g. Colour is light purple with classical white stripes. Flesh is white, firm with excellent sweet flavour. Plant is compact with short internodes suitable for greenhouse and open field cultivation.



EPOCA F1

Hybrid eggplant with long, cylindrical fruit, very attractive black shiny colour and spineless calyx.

Fruit is 25-35 cm long, flesh is firm with good shelf life post-harvest. Plant is quite vigorous with medium internodes. EPOCA added value is fruit quality and abundant yield. Suitable for greenhouse and open field cultivation.

CLELIA F1

The fruit is oval, shiny black coloured, with a uniform size and average weight of 400-500 g. The calyx is medium green and spineless. Excellent shelf life in post-harvest. The plant is medium vigorous, compact, with good yield and medium-early cycle.



VARIETY	PLANT		FRUIT			USE
	HABIT	CYCLE	SHAPE	COLOUR	WEITH GR	
Clelia F1	Good vigour with short internodes	Medium-short	Oval, uniform size	Deep black	400 - 500	Greenhouse open field
Dafne F1	Plants are compact with short internodes	Medium	Oval- Long	Ughl purple with typical white stripes	400 - 500	Greenhouse and open field cultivation
Epoca F1	Quite vigorous with medium internodes	Medium	Long and cylindrical fruits	Shiny black	230	Greenhouse and open field cultivation
Maiorca F1	Vigorous with short internodes	Short	Elongated - Club-shaped (20-25 cm x 5 cm)	Deep black	250 - 300	Greenhouse open field
Matrona F1	Vigorous with short internodes	Medium-short	Oval (16 cm x 10 em), with uniform size	Intense dark- purple	450	Greenhouse open field
Spany F1	Good vigour	Medium	Slightly tapered (20-25 cm x 4-6 cm)	Deep purple	250	Greenhouse open field



PALLA ROSSA - MEDA

Vigorous plants with broad covering leaves, green in colour. With a **medium cycle, it matures 100 days** after planting. Suitable for autumn harvest. Compact heads with good size, **weighing 350-400 g**. Bright red colour and wide rib.

PAN DE ZUCCHERO - ANTEA

The variety produces compact, cylindrical heads, 35-40 cm and **weighing 600-800 g**, Light green leaves with a white stem. The cycle is **medium-late, ripening 90 days** after planting. It is suitable for cutting and storage.



ROSSA DE TREVISO PRECOCE - TREVOR

Plants are compact and vigorous, producing good sized heads **weighing 300-350 g**. Leaves have a thick, broad, white stem with a bright red border. The cycle is **medium-early, ripening 90 day** after planting. It is recommended for spring and autumn harvest.

ROSSA DI VERONA PRECOCE TOGA

Plant is vigorous with medium-large head with round-oval shape **weighing 200-250 g** each. Early maturity **after 90 days from transplanting**. Head shows bright red colour with large vein width and white in colour. Recommended for summer planting and late autumn harvesting.



CATALOGNA GIGANTE DI CHIOGGIA

Catalogna chicory with a vigorous head and intense green foliage very jagged. Tolerant to bolting and good resistance to cold. **Medium-late cycle**. Suitable for autumn sowing and spring harvesting.

VARIETY	CYCLE (DAYS FROM TRANSPLANTING)	TIME OF USE		WEITH GR	DENSITY (PLANT/HA)
		SPRING CROPS	SUMMER CROPS		
Catalogna gigante di Chioggia	90	Protected and open field cultivation with transplanting from January to May	Transplant from late summer to autumn	600-800	80
Palla Rossa 2 - Preco	60	Protected cultivation with planting between January and March	Planting between July and August	250	100
Palla Rossa 5 - Preda	80	Protected cultivation with planting between mid-February and March	Planting between mid-July and August	300 - 350	80
Palla Rossa 6 - Meda	100	-	Planting between mid-August to end of August	350 - 400	80
Pan di zucchero - Pandora	70	Protected cultivation for planting between March and April	Planting between mid-July and mid-August		80
Pan di zucchero - Antea	90	-	Planting between end of July to end of August	600 - 800	80
Pan di zucchero - Calipso	120	-	Planting between end of July to end of August.	800	80
Rosa mantovana	120	-	Summer cycle from mid-August to mid-September	300 - 350	80
Rossa di Treviso - Trevor	90	Protected cultivation with planting between January and March	Planting between July and August	300 - 350	100
Rossa di Treviso tardiva	120	-	Planting at the end of July	100	80
Rossa di Verona - precoce toga	90	-	Planting between end of August to beginning of September	200 - 250	80
Rossa di Verona - tardiva Maxi	120 - 150	-	Planting between end of August to beginning of September	150 - 180	80
Variegata Castelfranco di Lusia - Lusia	80	-	Planting mid-August to the end of August	250 - 300	80
Variegata di Chioggia - Palla bianca	110	-	Planting mid-August to the end of August	350	80
Variegata di Chioggia - Tarda	130	-	Planting mid-August to the end of August	400	80
Variegata di Castelfranco	90	-	Planting mid-August to the end of August	200 - 250	80



ASSILA F1

Long day hybrid onion variety with great yield potential. The white bulbs are perfectly round and very uniform, with good size (160-200 g) and very good bulb covering. Plants are vigorous, with **medium-late cycle to be harvested from the end of July**. Assila is recommended for spring planting and suitable for bunching-pickling harvest, **fresh market and processing**.

DORICA F1

Long day brown onion "dorata di Parma" type hybrid with excellent post-harvest storability. Bulbs with skin of yellow-brown colour, spherical shape with high uniformity in size. Bulb weight is 150-200 g average. Plant is strong with good vigour, medium-early cycle to be harvest on mid-end July at a latitude of 43-47°. Suitable for **fresh market and processing**.



ZEN F1

Long day hybrid onion variety with a good shelf life. Bulbs have red-coloured skin, are round and very uniform, medium sized (130-150 g). Plants are vigorous, with a medium-late cycle to be harvested at the end of July. The variety is recommended for spring planting, bunching harvests, **fresh market and storage**.

VARIETY	TYPE	COLOUR	SIZE	USE TIME	PHOTOPERIOD	DESTINATION
Assila F1	Round	Glossy white	160 - 200 g	Spring sowing and summer harvest 43-47° latitude	Long Day	Storage, processing
Dorica F1	Spherical "dorata di Parma"	Yellow-brown	150 - 200 g	Medium-short cycle to be harvested mid-end July at 43-47° latitude	Long Day	Fresh market storage, processing
Zen F1	Round-flat	Red Violet	130-150g	Spring sowing and summer harvest 43-47° latitude	Long Day	Fresh market, storage



GRANDE F1

Early hybrid with shoots of medium-large diameters and good tolerance to once. **High productivity with high quality product**. Suitable for areas where you can obtain early productions.

Resistances:
Fusarium Asparagi

UC 157 F1

USA origin hybrid. **Its firmness and adaptability to mechanical harvest make it suitable for fresh market and processing yield**. Uniform and smooth shoot with tightly closed apex.

Resistances:
Fusarium Asparagi

BASIL

ITALIANO CLASSICO

Rapid growing plant, with **medium sized leaf** and bright dark-green colour. Characterized by no mint smell, **it can be used for both sowing "a spaglio" and the production of potted plants**; for this purpose it is recommended the use of multi-seeds pill. The commercial seeds are checked for **exemption from Fusarium Oxysporum f.SP. Basilici**.



2303

Summer rocket for **baby leaf production**, rustic and productive. Compact plant with thick and jagged leaves, high tolerance to fusarium wilt and slow climbing to seed, **medium-fast growth of second cuttings**. Suitable for summer harvests of notable quality and shelf life.

CECILIA

Summer rocket for **baby leaf production**, rustic and productive, erect leaf with **good jaggedness from the first cut**, and intense green color with light veins. High tolerance to fusarium wilt and excellent resistance to bolting. Uniform growth and high re-growing capacity.





CUCURBIT
ROOTSTOCK

EGGPLANT
ROOTSTOCK



POLIFEMO F1

Squash *C. Maxima* x *C. Moshata* suitable for crops like watermelon, melon and cucumber. Suitable temperature for germination is 25°C at night and 30°C in daytime. Seedlings are vigorous plants with a compact hypocotyl. **Sowing time is recommended after 3 day from scion.** Grafted plants have a very powerful root system growing in low temperature conditions. Suitable for tired soil, soil with large particle size and high salinity. Grafted watermelons have a size increase of 10 to 20%.

Resistances:
HR: Fom:0-2-1,2/ Foc:0-1-2
IR: Fon:0-1-2

ESPINA F1

Special selection of *Solanum Torvum* with particular vigour, perfectly suited for eggplant rootstock. Main added values are: cold tolerance, strong root system that works well also in cold/hot conditions and high yield in every growing season. Management in the nursery: place trays in the greenhouse to ensure the alternating night/day light regime needed for germination. The optimal temperature is 20°C at night and 26°C during the day. Emergence time is 7 days with primed seeds in summer time. In winter the time can be longer, up to 20 days. In summer, plants are ready for grafting 20 days after sowing. Grafted plants must be planted with grafting point 4 cm above the soil level. Ensure a wide basal ligature to avoid any bottlenecks that may occur in the enlarged stem. It should be considered that the diameter of the stem of the grafted eggplant is significantly greater than an ungrafted eggplant plant. After each production cycle, soil disinfection or solarisation is recommended in order to limit disease.

Resistances:
HR: Fom
IR: Ma/ Mi/ Mj/ Rs/ Pl/ Vd:0

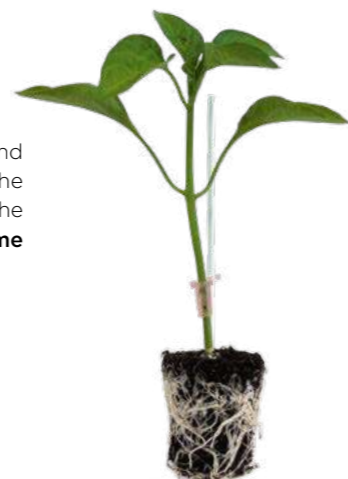


PEPPER
ROOTSTOCK

MAQUEDA F1

New hybrid rootstock for peppers that guarantees **good vigour** to the graft and increases resistance to the main adversities of the pepper present in the soil. The strong root system guarantees continuity in production without ever altering the shape of the fruits. Thanks to its rapid growth it **is possible to sow it at the same time as the graft**, ensuring high grafting affinity and ease of rooting.

Resistances:
HR: Tm:0-2
IR: TSWV:0/ Ma/ Mi/ Mj/ Pl/ Pc/ PVY: 0-2



ROCAL F1

Rootstock for pepper with high tolerance to main soil diseases. Seedlings have **good vigour**, fast growth and are well suited to main commercial pepper varieties. Easy to graft since the calibre of rootstock is similar to scion, resulting in high matching. To be sown 2-3 days ahead of scion. In the field, plants grafted with ROCAL show strong root systems, cold and salinity tolerance. Fast growth of the scion, early maturity and continuous setting. It also improves fruit uniformity and size. Recommended for long crop and organic cultivation.

Resistances:
HR: PVY:0,1
IR: Fs/ Pc/ Ma/ Mi/ Mj



ASO F1

Interspecific *Solanum* hybrid suitable as a rootstock for aubergines. The grafted plant appears to have a root system with **good vigour**, very tolerant of cold and temperature changes. Suitable for all cultivation periods, both for "against season" and for spring or summer transplants. Thanks to its rapid growth, it is possible to **sow it at the same time as the graft**, ensuring high grafting affinity and ease of rooting.

Resistances:
HR: Fom
IR: Ma/ Mi/ Mj



GENERAL CONDITIONS OF SALE AND DELIVERY OF ESASEM S.p.A.

ARTICLE 1 - SCOPE OF APPLICATION

- 1) These general contract conditions (hereinafter the "General Conditions") apply to all contracts for the sale and purchase of seeds (hereinafter the "Contracts") (hereinafter the "Products") concluded between ESASEM S.p.A. (hereinafter the "Supplier") and its customers (hereinafter the "Buyers" or, in the singular, "Buyer"), unless otherwise agreed in writing by the parties.
- 2) The General Conditions prevail over any other general or particular condition prepared by the Buyer.

ARTICLE 2 - FORMATION OF THE CONTRACT - ORDERS - PRICE LISTS

- 1) The Buyer interested in purchasing the Products is required to fully complete the order form (hereinafter "Order") drawn up on the Supplier's headed paper, of which the General Conditions constitute an integral and essential part. The Contract will be considered concluded, alternatively, when the Buyer receives written confirmation from the Supplier or when the Supplier sends the Products to the Buyer.
- 2) If the Buyer requests the Supplier to send its own sales offer (hereinafter "Offer"), the General Conditions will also apply to the Offer.
- 3) The prices indicated in the price lists are expressed in Euros and must be understood as excluding VAT. The Supplier reserves the right to periodically change the prices indicated in the price lists. Any price change will be applied to all orders placed by the Buyer, after the date of the aforementioned change.
- 4) If the specific quantity indicated in the order does not coincide with the quantity expressed by the standard packaging units or multiples thereof used by the Supplier, the Supplier will be entitled to sell and deliver the next larger packaging unit.
- 5) All weights and figures are net weights and figures. 6) The issuing of an Offer or the conclusion of a Contract does not imply and cannot be interpreted as an implicit license in favor of the Buyer in relation to intellectual property rights on the Products offered or sold.

ARTICLE 3 - RESERVE OF GOOD HARVEST AND PROCESSING

- 1) In consideration of the peculiar characteristics of the Product, the execution of the Contract by the Supplier is subject to the usual "reserve of good harvest and processing" and, therefore, to the actual availability of Products by the Supplier.
- 2) In the event that the Products ordered, even following acceptance by the Seller, are not available, the Supplier will not be obliged to deliver the Products ordered and will be entitled to deliver partial quantities of the Products ordered or alternative Products.
- 3) The right for the Buyer to terminate the Contract or to claim compensation for damages as a result of the unavailability of the Products ordered is excluded, even in the event of acceptance of the Order by the Seller.

ARTICLE 4 - DELIVERY OF PRODUCTS AND RETURNS

- 1) Unless otherwise agreed in writing between the parties, the Products are delivered ex works of the Supplier. Should the parties provide that the delivery of the Products be carried out by the Supplier, all charges, expenses and risks will in any case be borne by the Buyer.
- 2) The Buyer is not authorized to return the products to the Supplier, unless expressly authorized by the Supplier. In this case, the return costs will be borne by the Buyer.

ARTICLE 5 - DELIVERY TIMES

- 1) The Products will be delivered within three weeks from the date of the order, unless otherwise agreed in writing between the parties and subject to their actual availability. In any case, the delivery times must be considered merely indicative and not binding for the Supplier.
- 2) The Buyer has no right to terminate the Contract or to claim anything by way of compensation for damages in the event of delivery after the deadline indicated by the Supplier.

ARTICLE 6 - PARTIAL DELIVERIES

- 1) The Supplier may make partial deliveries of the Products. In the event of partial deliveries, the Supplier is permitted to invoice each delivery separately.

ARTICLE 7 - RESERVATION OF OWNERSHIP RIGHTS

- 1) The Supplier retains its right of ownership over the Products delivered until full payment for the Products by the Buyer.
- 2) The retention of ownership right also applies in the event that the Buyer raises objections to the Supplier's failure to fulfill one or more obligations arising from the Contract.
- 3) The Products delivered by the Supplier under the retention of ownership referred to in paragraph 1 of this article may only be sold and used for ordinary operational uses.
- 4) If the Buyer resells the Products, it will be obliged to maintain the retention of ownership also with respect to its own buyers, by stipulating an express agreement to this effect.
- 5) Until the retention of ownership is in force, the Buyer may not pledge the Products or grant any other right over them.

ARTICLE 8 - PAYMENT TERMS

- 1) Payment is due within a maximum of 60 days from the date of delivery/from the date on which the amount to be paid is established. In the event of failure to comply with the payment terms, the Supplier shall be liable for late payment interest pursuant to Legislative Decree 231/2002 at the rate increased by an additional 4 (four) percentage points, with automatic effect from the day following the expiry of the deadline not respected pursuant to the legislation in force.
- 2) In the event of bankruptcy or other insolvency proceedings of the Buyer, as well as in the event of suspension or delays in payments, the sums owed by the Buyer shall become immediately due in full. In such case, the Supplier shall be authorised to suspend the execution of the Contract or to terminate the Contract itself, without prejudice to the right to compensation for damages suffered.
- 3) In the event that partial payments have been authorised and the Buyer has not respected even one of the terms provided, the entire amount of the residual sum still due to him will be immediately due, without further notice. In this case, the final provision of paragraph 1 of this article concerning interest on overdue sums will apply.
- 4) In any case, the costs connected to the payment are borne by the Buyer.

ARTICLE 9 - COSTS FOR DEBT COLLECTION

- 1) Pursuant to Legislative Decree 198/2021, any cost in any way connected to the recovery of the Supplier's credits, whether amicably or judicially, shall be borne by the Buyer.

ARTICLE 10 - DEFECTS, REPORTING TERMS

- 1) The Buyer is required to examine the Products upon delivery. Reports relating to apparent defects or quantitative discrepancies of the Products, including packaging, must be sent to the Supplier, in writing, under penalty of forfeiture, within eight days of the delivery date; reports relating to hidden defects of the Products, including packaging, must be communicated to the Supplier, in writing, under penalty of forfeiture, within eight days of the date on which the complained defect was or should reasonably have been discovered by the Buyer. The action is subject to a statute of limitations, in any case, within one year of delivery.
- 2) Reports must be formulated in such a way as to allow the Supplier or a third party to verify their validity, and therefore must indicate the batch number as well as the details of the transport document and invoice and if the product has been resold, the subsequent purchasers must be indicated. The complaints must also indicate in what circumstances and under what conditions the Product has been used.
- 3) In the event that the complaint has not been sent to the Supplier in writing within the deadline indicated in this article and in compliance with the methods indicated above, the Buyer is deemed to have forfeited any guarantee provided by the Supplier, including compensation for any damages.
- 4) Should the Supplier deem any claim by the Buyer connected to the alleged existence of defects in the Products to be well-founded, the Supplier itself may, at its sole discretion and at its own expense, replace the Products. Any other legal remedy such as termination of the contract or reduction of the price is excluded.
- 5) In the event that the parties do not reach an amicable settlement of a dispute relating to germination, authenticity of the species, varietal purity, technical or health purity, both the Buyer and the Supplier may request an appraisal by accredited laboratories or another third and independent body identified by mutual agreement by the parties, at the expense of the losing party. In the event of a dispute concerning health, the application of the methods accepted by the ISHI (International Seed Health Initiative) is considered preferable. The result of the appraisal will be binding for both parties; in any case, the parties retain the right to appeal to the competent judicial authority pursuant to art. 19 of the General Conditions to resolve any disputes arising between the parties concerning the effects deriving from the above-mentioned appraisal.

ARTICLE 11 - LIMITATION OF LIABILITY

- 1) The Supplier is not liable for damages caused by, or in any way connected to, defective Products, including packaging, unless such damages were caused by fraud or gross negligence of the Supplier.
- 2) In the event that the Supplier is liable for damages suffered by the Buyer, liability shall be limited to the net selling price of the Products (excluding VAT).

- 3) The Supplier is not liable for any indirect damages suffered by the Buyer such as, by way of example, any loss of profit suffered by the Buyer.
- 4) The Supplier is not liable for damages resulting from any delay in delivery of the Products.
- 5) The Buyer is required to limit as much as possible the damage resulting from the Products for which it has requested compensation.6) The action for any compensation for damages shall, in any case, expire within one year of delivery.

ARTICLE 12 - USE AND WARRANTY

- 1) No warranty applies to the descriptive technical specifications of the Product, if any: in the event that the Products delivered do not comply with the descriptive specifications indicated in the Supplier's catalogue for the relevant sales season, the Supplier shall inform the Buyer of the aforementioned circumstance without any further burden on him.
- 2) The Supplier does not guarantee that the Products delivered to the Buyer comply with the purpose for which they are intended by the Buyer. The Buyer explicitly acknowledges that, even with the best quality Products, the success of cultivation depends on events independent of the quality of the Product, such as, for example, cultivation methods, climatic and soil conditions.
- 3) All data relating to quality and health provided by the Supplier in writing are based exclusively on reproducible tests performed on representative samples. These data indicate only the result as obtained by the Seller at the time of carrying out the tests and for the circumstances that applied to the tests. No direct relationship can be assumed between the data provided and the result obtained by the Buyer. The Buyer expressly acknowledges that the result obtained by the Buyer, including but not limited to the occurrence of diseases and pests which have not been detected by the Supplier on or in the goods delivered at the time of sale, depends, among other things, on the location, cultivation measures and cultivation methods, such as the sowing medium used, soil conditions and/or climatic circumstances.
- 4) All the Supplier's warranties become void if the Buyer reprocesses the Products or places them in such a condition that they need to be reprocessed; repackages the Products or places them in such a condition that repackaging is necessary, or uses and/or stores the Products incorrectly or places them in such a condition that causes incorrect use and/or storage.
- 5) The Supplier does not warrant in any way that the use of the delivered goods does not infringe any (intellectual property) rights of third parties.

ARTICLE 13 - INDEMNIFICATION

- 1) The Buyer shall indemnify the Supplier from any third party claim for compensation for damages allegedly caused by or in any way connected to the Products supplied by the Supplier, including claims that have been made against the Supplier in its capacity as manufacturer on the basis of regulations applicable to manufacturer's liability in any country, unless the damage was caused by fraud or gross negligence of the Supplier.
- 2) The Buyer shall take out an adequate insurance policy to guarantee the possible third party claims and liabilities that may give rise to the compensation referred to in the previous paragraph 1; at the first request of the Supplier, the insurance will be submitted to the Supplier for approval.

ARTICLE 14 - CULTIVATION ADVICE, VARIETAL DESCRIPTIONS, INFORMATION

- 1) The descriptions, illustrations, cultivation advice and any other information, for example on expiry dates, in whatever form they appear in the price lists, catalogues, labels and/or packaging of the Supplier, are based as precisely as possible on what has been found through testing and practice. The Supplier is not liable for any discrepancies that may appear in the cultivated product compared to what is indicated in the descriptions, illustrations and information. It is the Buyer's specific responsibility to store the seed appropriately as well as to assess whether the products are suitable for the type of cultivation that is intended to be carried out and for the environmental conditions.
- 2) In the information and in general in the documentation provided by the Supplier, the terms "immunity", "resistance" and "susceptibility" shall have the following meaning: "Immunity": not being subject to attack or infection by a given parasite or pathogen. "Resistance": is the ability of a plant variety to limit the growth and development of a given parasite or pathogen and/or the damage it causes, compared to susceptible varieties placed in the same environmental conditions and infectious pressure of the parasite or pathogen. Resistant varieties may, however, show some symptoms of disease or damage in the presence of strong pressure from parasites or pathogens. Two levels of resistance are defined: (i) High / standard resistance (HR): plant variety capable of strongly limiting the growth and development of a given parasite or pathogen, in normal conditions of infectious pressure, compared to susceptible varieties. These plant varieties may, however, show some symptoms or damage in conditions of high pressure from parasites or pathogens. (ii) Moderate/medium resistance (IR): plant varieties that are able to limit the growth and development of certain pests or pathogens, but may show a wider range of symptoms or damage, when compared to varieties with high/standard resistance. Varieties with moderate/medium resistance will still show less severe symptoms or damage than susceptible varieties, when grown under similar environmental conditions and/or with the same pest or pathogen pressure. "Susceptibility": is the inability of a plant variety to limit the growth and development of a given pest or pathogen.

ARTICLE 15 - FORCE MAJEURE

- 1) Force majeure means circumstances beyond the control of the Supplier that prevent the regular fulfillment of the Contract. This includes, if and to the extent that they prevent or hinder compliance with the Contract: strikes, sudden general shortage of raw materials or other materials or services necessary for compliance with the Contract, unforeseeable situation of inactivity of suppliers and/or other third parties on which the regular fulfillment of the Contract by the Supplier depends and any situation that hinders the transportation of the Products.
- 2) Upon the occurrence of an event of force majeure, the Supplier is required to promptly inform the Buyer.3) If the condition of force majeure were to continue for a period exceeding two months, both parties are entitled to withdraw from the Contract, without prejudice to the fulfillment by the Buyer of the obligations to pay the price and reimburse expenses relating to the Products already delivered. The Supplier shall not be liable for any compensation or damages to the Buyer.

ARTICLE 16 - FURTHER USE/CULTIVATION - INSPECTIONS

- 1) The Buyer is not authorized to use the Products delivered for further production and/or reproduction of propagation material, nor for further "reproduction by cutting".
- 2) In the event that the goods are sold to third parties, the Buyer is required to enforce this rule also towards third parties under penalty of compensation for related damages.
- 3) The Buyer, in any case, undertakes to allow the Supplier, or anyone who carries out checks on behalf of the Supplier, direct access to its Company, expressly including all production areas, including those of third parties but managed by the Buyer.

ARTICLE 17 - USE OF TRADEMARKS, LOGOS AND OTHER SYMBOLS

- 1) The Buyer may not use the trademarks, logos or other symbols of the Supplier to distinguish its products from those of other companies, nor may it use trademarks, logos or other symbols likely to cause confusion with those of the Supplier. This provision does not apply to the sale of products in the original packaging that the Supplier has provided with the related trademarks, logos or other distinctive symbols.
- 2) If the delivered goods are sold to third parties, the Buyer is required to enforce this rule also against third parties under penalty of compensation for the related damages.

ARTICLE 18 - CONVERSION

- 1) In the event that one of these General Conditions is deemed invalid, it will be automatically replaced by a valid and similar condition that pursues the same purpose as the invalid and/or ineffective condition.
- 2) In any case, the invalidity and/or ineffectiveness of the aforementioned General Condition does not extend to the other General Conditions which remain valid and fully effective.

ARTICLE 19 - DISPUTES

- 1) The parties undertake to resolve amicably any dispute arising from or in any way connected to the execution, fulfillment, interpretation, effectiveness, validity of these General Conditions and of the individual Contracts.
- 2) If the parties do not reach an amicable settlement of the disputes arising in relation to this contract, the Court of Verona will have exclusive jurisdiction.

ARTICLE 20 - APPLICABLE LEGISLATION

- 1) All agreements between the Supplier and the Buyer are subject to Italian law. Furthermore, if the Supplier and the Buyer are not domiciled in the same country, the "United Nations Convention on International Trade in Goods" will be applicable, unless the same is derogated by these General Conditions.

ARTICLE 21 - ISF RULES AND USES

- 1) The Contracts and/or Offers are also subject to the Rules and Uses for the Trade of Seeds for Sowing (ISF Collection of Rules and Uses, edition in force at the time of the conclusion of the Contract) of the International Seed Federation (ISF), which the Buyer declares to be aware of, unless they are derogated from by the General Conditions.

RESISTANCES CODE

CODE	RACE	PATHOGEN	COMMON NAME	CROP
Aal		<i>Alternaria alternata f.sp. lycopersici</i>	Tomato leaf spot	Tomato
Ad		<i>Alternaria dauci</i>	Alternaria leaf blight	Carrot
Bl	16-31	<i>Bremia lactucae</i>	Downy mildew	Lettuce
BNYVV		<i>Beet necrotic yellow vein virus</i>	Rhizomania	Swiss chard
Cb		<i>Cercospora beticola</i>	Leaf spot	Swiss chard
CGMMV		<i>Cucumber green mottle mosaic virus</i>	Cucumber green mottle mosaic	Cucumber
CMV		<i>Cucumber mosaic virus</i>	Cucumber mosaic virus	Cucurbits
CYSDV		<i>Cucurbit yellow stunting disorder</i>	Cucurbit yellow stunting disorder virus	Cucumber
CVYV		<i>Cucumber vein yellowing virus</i>	Cucumber vein yellowing virus	Cucumber
Cca		<i>Corynespora cassiicola</i>	Target spot	Cucumber
Ccu		<i>Cladosporium cucumerinum</i>	Scab and gummosis	Cucumber
Co	1	<i>Colletotrichum orbiculare</i>	Colletotrichum orbiculare	Watermelon
Foc		<i>Fusarium oxysporum f.sp. cucumerinum</i>	Fusarium wilt	Cucurbits
Fom		<i>Fusarium oxysporum f.sp. melongenae</i>	Fusarium wilt	Eggplant
Fom		<i>Fusarium oxysporum f.sp. melonis</i>	Fusarium wilt	Melon
Fon		<i>Fusarium oxysporum f.sp. niveum</i>	Fusarium wilt	Watermelon
Fol	1	<i>Fusarium oxysporum f.sp. lactucae</i>	Fusarium wilt	Lettuce
Fol	0,1,2	<i>Fusarium oxysporum f.sp. lycopersici</i>	Fusarium wilt	Tomato
For		<i>Fusarium oxysporum f.sp. radicles-lycopersici</i>	Fusarium crown and root rot	Tomato
Fs		<i>Fusarium solani</i>	Fusarium root rot	Solanacee
Gc		<i>Golovinomyces cichoracearum</i>	Powdery mildew	Cucurbits
Ma/ Mi/ Mj		<i>Meleoidogine Arenaria, Incognita, Javanica</i>	Nematodes	All
MNSV		<i>Melon necrotic spot virus</i>	Melon necrotic spot	Melon
PI		<i>Pirenochaeta lycopersici</i>	Corky root	Tomato
Pc		<i>Phytophthora capsici</i>	Phytophthora blight	Pepper
Pcu		<i>Pseudoperonospora cubensis</i>	Downy mildew	Cucumber
Pe	1-20	<i>Peronospora effusa</i>	Downy mildew	Spinach
Pf	A,B,C,D,E	<i>Passalora fulva</i>	Leaf mold	Tomato
Pfb		<i>Peronospora farinosa f.sp.betea</i>	Downy mildew	Swiss chard
Pp		<i>Plasmopara petroselini</i>	Downy mildew	Parsley
PRSV		<i>Papaya ringspot virus</i>	Papaya ringspot	Cucurbits
Pst		<i>Pseudomonas syringae pv. tomato</i>	Bacterial speck	Tomato
PVY	0,1,1,2	<i>Potato Y virus</i>	Potato Y	Pepper
Px (ex Sf)		<i>Podosphaera xanthii (ex. Sphaerotheca fuliginea)</i>	Powdery mildew	Cucurbits
Rs		<i>Ralstonia solanacearum</i>	Bacterial wilt	Solanacee
Sbl		<i>Stemphylium botryosum f.sp. lycopersici</i>	Gray leaf spot	Tomato
Si		<i>Stemphylium lycopersici</i>	Gray leaf spot	Tomato

Ss		<i>Stemphylium solani</i>	Gray leaf spot	Tomato
Tm	0	<i>Tobamovirus (ToMV, TMV, BPMoV)</i>	Tobamovirus	Solanacee
Tm	0-1	<i>Tobamovirus (TMV,ToMV, BPMoV, TMGMV, PaMMV)</i>	Tobamovirus	Solanacee
Tm	0-2	<i>Tobamovirus (TMV,ToMV, BPMoV, TMGMV, PaMMV, PMMoV: 1.2)</i>	Tobamovirus	Solanacee
Tm	0-3	<i>Tobamovirus (TMV,ToMV, BPMoV, TMGMV, PaMMV, PMMoV: 1.2, PMMoV: 1.2.3)</i>	Tobamovirus	Solanacee
ToBRFV		<i>Tomato brown rugose fruit virus</i>	Tomato brown rugose fruit	Tomato
ToMV	0,1,2	<i>Tomato mosaic</i>	Tobamovirus	Solanacee
ToLCNDV		<i>Tomato leaf curl New Delhi virus</i>	Tomato leaf curl New Delhi	Cucurbits
TSWV	0	<i>Tomato spotted wild virus</i>	Tomato spotted wild	Solanacee
TYLCV		<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl	Tomato
Vd/ Va	0	<i>Verticillium dahliae, albo-atrum</i>	Verticillium wilt	Solanacee
WMV		<i>Watermelon mosaic virus</i>	Watermelon mosaic	Cucurbits
ZYMV		<i>Zucchini yellow mosaic virus</i>	Zucchini yellow mosaic	Cucurbits
Xcc		<i>Xanthomonas campestris pv. campestris</i>	Black rot	Cabbage

IMMUNITY: not being subject to attack or infection by a specific parasite or pathogen.

RESISTANCE: is the ability of a variety to limit the growth and development of a specific parasite or pathogen and/or the damage caused by it, compared to susceptible varieties placed in the same environmental conditions and infectious pressure of the parasite or pathogen. Resistant varieties may, however, show some symptoms of disease or damage in the presence of a highly pathogenic environment.

HIGH RESISTANCE (HR): refers to plant varieties capable of severely limiting the growth and/or development of a specific parasite or pathogen and/or the damage caused by them, under normal conditions of infectious pressure, if compared to susceptible varieties. These plant varieties may, however, show some symptoms or damage in conditions of high pressure by parasites or pathogens. High resistance should not be confused with Immunity, which is the ability of a variety to not be subject to attack or infection by a specific pest or pathogen.

INTERMEDIATE RESISTANCE (IR): refers to plant varieties that are able to limit the growth and/or development of certain pests or pathogens and/or the damage caused by them, but may show a wider range of symptoms or damage, when compared to varieties with high resistance (HR). Varieties with intermediate resistance will still show less severe symptoms or damage than susceptible varieties, when grown in similar environmental conditions and/or with the same infectious pressure of pests or pathogens.

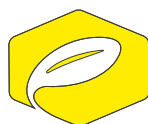
For the identification of resistance codes, Esasem follows the recommendations of the International Seed Federation (ISF) and the Euroseeds harmonization table of resistance terminology (HRT) and their subsequent updates.

Following the review of the indications for Tomato Spotted Wilt Virus (TSWV) in tomato and pepper, Euroseeds has agreed that from 10 March 2020, the resistance indication for TSWV:0 on tomato and pepper will be identified as Intermediate Resistant (IR) for all. Following this harmonization process, companies that previously indicated as HR will change the indications to IR for the affected products. This adjustment aimed at increasing transparency and consistency of communication on resistance indications does not imply any change in the efficacy of resistances or in the genetics of the varieties for which the indications will be adjusted.

All information on varieties provided verbally or in writing by Esasem or its employees, agents or distributors, including all information contained in the promotional materials, websites and social channels, must be considered in good faith, but does not constitute in any case a guarantee by Esasem on the performance and suitability of the varieties sold. The performance of a variety can be influenced by local climate conditions and other external factors. Esasem assumes no responsibility for the information given. For further clarifications contact Esasem technicians.

All suggested transplanting periods derive from the field experiences of Esasem technicians and do not constitute a guarantee on the performance of the varieties for those periods.

For further information please contact our local agent.



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GENERAL INFORMATION: the information in this catalogue is based on observations made under different growing conditions. The behaviour of the variety depends on the interaction between the genotype and the environment, including growing techniques. The Company makes no express or implied warranties for the behaviour of the variety of the product with respect to the information provided. The Company assumes no responsibility for direct or indirect losses that may arise for any reason.