

TECHNOLOGIES FOR
AGRICULTURAL PLANTS





04	Company
08	Peaches
20	Nectarines
28	Flat Peaches
32	Perchoches
34	Apricots
40	Carmingo
46	Sweet Cherries
56	Pomegranates
57	Plums
62	Pears
64	Apples
65	Kiwifruits
66	Table Grapes
68	Olives
70	Artichokes
71	Hazelnuts
74	Almonds
76	Walnuts
77	Ginger
78	Blueberries
79	Pistachios

Vitroplant Italia srl Società Agricola

Via Loreto, 170 - 47521 Cesena (FC) Italia
 Tel.: +39 0547 56449 - Fax +39 0547 56711
 e-mail: contact@vitroplant.it
www.vitroplant.it

© 2015-2016, all rights reserved

VITRO ITALIA **plant**
 Technologies for Agricultural Plants

Vitroplant Italia srl Società Agricola is an agricultural company that belongs to the **OROGEL Agroindustrial Group**. It specializes in **nursery** and “in vitro” multiplication, all nursery activities start with material that is **micropropagated** “in vitro”.

The company **has attained a leading position** in the fruit farming industry by setting up production initiatives in both the nursery sector and fruit in particular in areas of the Mediterranean Basin.





VITROPLANT ITALIA SRL SOCIETÀ AGRICOLA PRODUCTION CONTROL

Vitroplant Italia srl Società Agricola was founded in 1979 thanks to Gilberto and Giuseppe Zuccherelli and belongs to the OROGEL Agro-industrial Group. The company operates in the field of fruit and vegetable nursery at an international level: in Europe, Asia, South Africa and in particular in the geographical areas facing the Mediterranean, where the joint companies Vitroplant Tunisia in Tunisia and Vitroplant Algérie in Algeria were created.

It is an important reality that can follow the entire production chain, from the "in vitro" plant to the nursery.

The research, mainly internal and self-financed, is crucial for the whole activity.

In synergy with the commercial sector, the company's Research and Development department has enabled the constant improvement of production technologies, broadening the range of quality products.



VITRO plant
Technologies for Agricultural Plants

Production control through the ON.PLANT-WMS technology for the advanced management of the Vitroplant Italia system

Vitroplant implemented the On.Plant software platform for the warehouse management modules WMS (Warehouse Management System) and for the production MES (Manufacturing Execution System). These are the advantages:

- increase in workers' productivity and reduction of mistakes;
- real-time stocks control;
- unique traceability for each production lot;
- guided flow for the most appropriate choice of product storage location;
- real-time traceability of all warehouse operations
- real-time monitoring of production activities
- general quality's improvement.

In addition to the software, the project requires the implementation of technological hardware, which involves the use of radiofrequency terminals and ad hoc thermal printers for the management of hoods in the laboratory. The greenhouse and the nursery areas are going to be equipped as well.



THE LAB

The laboratory area is the heart of all Vitroplant Italia's activity, and includes: a laboratory for the preparation of the culture substrates, a sterilization room with industrial autoclaves, the white cooling room, the industrial washing machine room, the laminar flow hood rooms, culture jar rooms, transplant rooms, refrigerators for the preservation of "in vitro" germplasm and the materials needed for ordinary production. The most significant data of Vitroplant laboratory are summarized as follows: 70 laminar flow cabinet seats and 9 growth rooms for a total capacity of 200.000 culture jars, an annual production of 20.000.000 plants with a potential that can be even greater.

GREENHOUSES AREA

30.000 m2 of greenhouses with automatic environment control, of which 11.000 m2 are completely monitored, 3.500 m2 hardening shading houses. This area hosts micro plants that have been transplanted for the acclimatization phase, for the next selection and/or for the hardening. It hosts as well storage material. Our greenhouses are completely covered with net in high density polyethylene monofilament that provides a total protection against harmful insects, in accordance with the provisions of Legislative Decree 214/2005.

ORCHARD AREA

Approx 100 hectares of open fields in a protected zone.

Standard UNI EN ISO 9001:2015

The main aim of Vitroplant is to achieve high levels of quality and health in the final product, by following the entire production process, from the plant "in vitro" to the nursery, across traceability in the CAV chain ("Centro Attività Vivaistiche", Nursery Activity Centre) according to Standard UNI EN ISO 22005:2008. Vitroplant is among the first nursery companies in Italy to have implemented and maintained a **Quality Management System** certified which fulfills the requirements of the standard **UNI EN ISO 9001:2015** for the activity: multiplication of "in vitro" plant, production of agricultural plants, research and development in the field of breeding: propagation of new species and innovative breeding techniques. This tool enables Vitroplant to guarantee its customers total control over production, thanks also to the Genetic-Sanitary Certification, managed in collaboration with the Regional Phytosanitary Service.



UNI EN ISO 22005:2008



Rintracciabilità di filiera CAV per piante da frutto (pomacee, drupacee); innesti e portainnesti (pomacee, drupacee) piante di fragola.
UNI EN ISO 22005:2008
Certificato N° 1/2009/RF

THE GENETIC-SANITARY CERTIFICATION OF THE NURSERY

The Genetic-Sanitary Certification of the Nursery provides a guarantee of top quality nursery material; it is an official recognition that involves strict sanitary and genetic controls at every stage in the reproduction process. In order to obtain certified plants it is absolutely essential to use healthy, virus-free plants with confirmed genetic authenticity. These base plants are kept in screen-houses at the CAV and they are under regular controls (with biological and molecular tests). The CTV ("Centro Tecnologia Vivaistica", Nursery Technology Centre) draws on the controlled material to establish its own field of mother plants and Vitroplant removes the starting shoots for the successive cycles of multiplication. At the end of the controls, the Regional Phytosanitary Service issues a label to be applied to certified virus-free plants. The production of certified micropropagated material must comply with a specific regulations that set out the criteria to be followed during multiplication (number of subcultures, growth rates, elimination of callus-derived shoots). The use of special softwares allows official control services to follow every clonal line throughout its development from its origin to the final labelling stage.



"IN VITRO" MULTIPLICATION

Vitroplant's strongest point is the "in vitro" multiplication (or "micropropagation") that has shown its fundamental importance for the affirmation of modern nursery.

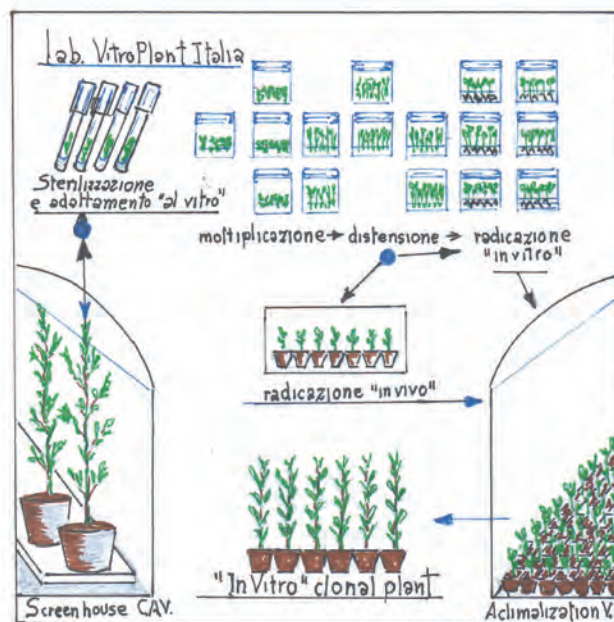
"In vitro" multiplication or "micropropagation" is a vegetative propagation technique, carried out in sterility, which allows plant species to be propagated quickly and in large quantities. With this system rooted plants are obtained, uniform and identical from the morphological point of view.

Thanks to this technique it is possible to multiply self-rooted varieties and plants that are difficult to propagate with traditional methods. The "in vitro" technique represents a very powerful means for the nursery activities and for the genetic-sanitary certification because it allows to obtain plant material with unchanged characteristics of health and genetic purity.

A BIT OF HISTORY

The first attempt to cultivate plant cells "in vitro" date back to 1902. The German G. Haberlandt made the first hypotheses of the existence of growth hormones which he called "enzymes". Later P.R. White 1939, F. Skoog 1944, laid the first bases for the in vitro multiplication of tissues. While Murashige T. formulated the first protocols of tobacco multiplication. In the context of the application of "in vitro" crops, the vegetative "micropropagation" of genotypes selected under sterile conditions has taken an enormous importance. The "in vitro" "micropropagation" or (cloning) has the purpose of obtaining a rapid propagation starting from a portion of a "mother" plant. The advantages are significant in terms of health, quality and uniformity of the material. Important steps for practical and application purposes of this technique, in fruit-growing, have been marked by some publications. We point out the authors in chronological order: Murashige T., Skoog F. 1962; Zuccherelli Gilber-

to, 1979. (Drupacee, Fragola, Actinidia); Rugini E. and Fontanazza G. 1981 (olive tree); Zimmermann RH. 1983, Melo; Standardi A., Catalano F. 1983 Actinidia. This technique has strongly entered the field of plant multiplication and it has greatly improved the nursery production of almost all fruit species, as for horticultural, floricultural and forestry ones. It is a powerful means to produce self-rooted varieties and rootstocks restored from viruses, bacteria, fungi and mycoplasmas.



Scheme of in vitro multiplication: it contemplates the different steps in which the plant, starting from the "in vitro" introduction phase, covers all the stages up to the rooting and acclimatization in the greenhouse.



70 LAMINAR FLOW CABINETS
9 GROWTHS ROOMS



ANNUAL PRODUCTION OF
20.000.000 PLANTS AND EVEN
GREATER POTENTIAL

OVERALL CAPACITY DI 150.000
CULTURE JARS



THE “IN VITRO” INJECTION

The “in vitro” injection is carried out with the collection of shoots from a basic mother plant guaranteed in terms of health and genetic identity. The branch fragments are carefully cleaned with ethyl alcohol, then sterilized with sodium hypochlorite or other chemical sterilizing agents. What follows is the multiplication of the material as reported in the procedures and company protocols.

THE BENEFITS OF MICROPROPAGATION

The advantages of micropropagation are many.

- Conservation of “mothers” plants in isolated greenhouses, where monitoring the genetic health certification;
- Possibility to propagate the plant material regardless of the seasonal trend, but based on market needs;
- Possibility of multiplying species or particular genotypes that are difficult to propagate with traditional techniques (for example species with low rhizogenic potential);
- Ability to supply high productions in limited spaces and in short times;

- Guarantee of genetic uniformity of new plants compared to the mother plant;
- Reproduction of virus-free plants;
- Conservation of the germplasm of a species. Conservation of those genotypes that for various reasons are no longer used, but have very important genetic characters, which instead of being collected in field collections can be in vitro preserved;
- Guarantee of reduced genetic variability.



**30.000 M2 OF GREENHOUSES
WITH AUTOMATIC ENVIRONMENT
CONTROL**

**11.000 M2 ARE COMPLETELY
MONITORED**



**APPROX 100
HECTARES OF OPEN
ELDS IN A PROTECTED
ZONE**









TASTIRED® ZAIRISUP

EU Patent nr. 16283. By license of of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high productivity on mixed branches with the propensity to make thin branches
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** round fruit, slightly oblong very big for the period, over-coloured 100% of red light
- ✓ **RIPENING TIME:** 1/10 June
- # **FEATURES:** good gustative features, very attractive cultivar for the early period



SUGAR TIME - cov

EU Patent nr. 2006/2512 progress. By license of of International Plant Selection

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high, quick to fruit
- ✓ **FLOWERING:** partially early
- ✓ **FRUIT:** perfectly round shape. Intense and bright red colour
- ✓ **RIPENING TIME:** 12/18 June
- # **FEATURES:** attractive and very large fruit for the period (A). Good gustative features, very sweet, it's recommended to graft on vigorous rootstock as GF677



ROYAL DIXIE® ZAI 659 PJ

EU Patent progress. By license of of International Plant Selection

- ✓ **VIGOUR:** medium-high
- ✓ **PRODUCTIVITY:** high
- ✓ **FRUIT:** Calibre 2A / A, round, bright red
- ✓ **RIPENING TIME:** 17 June
- # **FEATURES:** good flavor, sweet and balanced. Large-Calibre variety with attractive fruit



FOTON RED - cov

EU patent n. 2014/2775 in progress. By license of International Plant Selection S.a.r.l.

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** early, low chilling
- ✓ **FRUIT:** spherical fruit, big caliber
- ✓ **RIPENING TIME:** early, 10th of May in Mursia
- # **FEATURES:** good gustative qualities, balanced taste.

RUBIRICH® ZAINOAR

EU Patent nr. 3895. By license of of International Plant Selection

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** round shape, dark red colour, very fragrant
- ✓ **RIPENING TIME:** 28 June/5 July
- # **FEATURES:** beautiful fruit with excellent gustative features



ROYAL BEL® ZAI 624 PJ

EU Patent nr. 2008/2764 in progress. By license of of International Plant Selection

- ✓ **VIGOUR:** medium-high
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** medium-large Calibre (2A), round, dark red colour with bright orange background
- ✓ **RIPENING TIME:** 28 June
- # **FEATURES:** very good gustative taste, sweet. It's a very productive variety with large-Calibre, high levels of performance although its early ripening, adapted to the Southern areas



ROYAL SUMMER® ZAIMUS

EU Patent nr. 27232. By license of of International Plant Selection

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** very good
- ✓ **FRUIT:** large AA Calibre, round shape,, bright red colour, high consistency
- ✓ **RIPENING TIME:** 20/30 July
- # **FEATURES:** variety of certainly success



ROYAL DELICIOUS® ZAI 606 PJ

EU Patent in progress. By license of of International Plant Selection

- ✓ **VIGOUR:** medium-high
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** late
- ✓ **FRUIT:** medium-large Calibre (AA), round, dark red colour with bright orange back ground colour
- ✓ **RIPENING TIME:** 25 July
- # **FEATURES:** good taste, sweet. Very productive variety suitable for areas with cold climate





ROYAL TOP® ZAI 587 PJ

EU Patent nr. in progress. By license of of International Plant Selection

- ✓ **VIGOUR:** medium-high
- ✓ **PRODUCTIVITY:** high
- ✓ **FRUIT:** medium-large Calibre 2A-A, round, dark red colour
- ✓ **RIPENING TIME:** 26 July
- # **FEATURES:** good and balanced taste, sweet. Very productive variety suitable for low/medium chilling areas



ROYAL MAID® ZAI 719 PJ

EU Patent nr.12/2586 progress. By license of of International Plant Selection

- ✓ **VIGOUR:** medium-high
- ✓ **PRODUCTIVITY:** high
- ✓ **FRUIT:** medium-larger Calibre 2A, round, dark intensive red colour
- ✓ **RIPENING TIME:** 4 August
- # **FEATURES:** rustic good taste, sweet and balanced, Attractive variety, with a very high productivity



SWEET DREAM - cov

EU Patent nr. 2008/2761 progress. By license of of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** very good, quick to fruit
- ✓ **FRUIT:** big size, round and slightly flattened, deep red colour on a yellow background
- ✓ **RIPENING TIME:** 7/17 August
- # **FEATURES:** excellent organoleptic characteristics; very good and sweet



ROYAL JIM® ZAIGADI

EU Patent nr. 18116. By license of of International Plant Selection

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high, quick to fruit but it's a late variety
- ✓ **FLOWERING:** late
- ✓ **FRUIT:** round, AA Calibre, with a deep red colour on an orange background; colour more brighter than other varieties of the same period
- ✓ **RIPENING TIME:** 20/30 August
- # **FEATURES:** excellent texture and excellent taste

SWEET HENRY - cov

EU Patent nr. 2009/2429 progress. By license of of International Plant Selection

- ✓ **VIGOUR:** medium-high
- ✓ **PRODUCTIVITY:** high, abundant
- ✓ **FLOWERING:** late and quick to fruit
- ✓ **FRUIT:** medium-large Calibre 2A, round, bright dark red colour
- ✓ **RIPENING TIME:** 2 September
- # **FEATURES:** good flavor, sweet and very sugary. Very productive variety with excellent colour of the fruit



SWEET IVAN® ZAI 629 PJ

EU Patent in progress. By license of of International Plant Selection

- ✓ **VIGOUR:** medium-high
- ✓ **PRODUCTIVITY:** high
- ✓ **FRUIT:** medium-large Calibre 2A, round, deep red
- ✓ **RIPENING TIME:** 9 September
- # **FEATURES:** good flavor, sweet and aromatic. Late variety with a strong productive potential



SWEET JUANA - cov

EU Patent nr. 2009-2430 in progress. By license of of International Plant Selection

- ✓ **VIGOUR:** medium-high
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** late
- ✓ **FRUIT:** medium-large Calibre 2A, round, dark red on bright background
- ✓ **RIPENING TIME:** 11 September
- # **FEATURES:** good flavor, sweet and aromatic

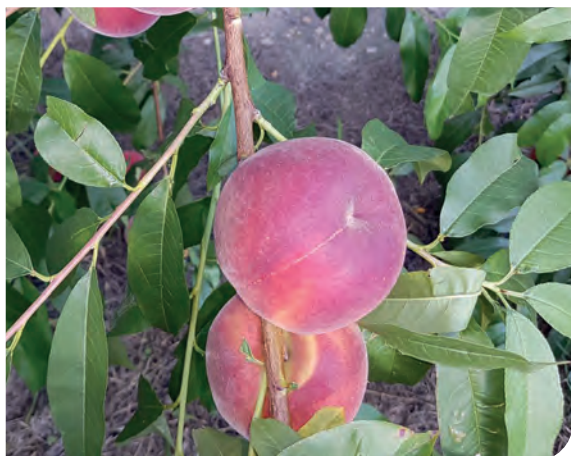


CRISPTOLAM cov ASF1145L

EU patent n.2014/3171 in progress. By license of Agro Sélections Fruits.

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** regular collection and important
- ✓ **FLOWERING:** early, generally the second / third week of February, two weeks before BIG TOP®
- ✓ **FRUIT:** A dominant Calibre, shape: round, colour: 100% bright red. Very smooth skin
- ✓ **RIPENING TIME:** 6/14 June
- # **FEATURES:** semi-sweet, sweet, aromatic. The fruit can be eaten crisp at harvest or at the ripening. Variety Low Chilling





CRISPONDA cov ASF1146L

EU patent NR. 2014/3169. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** regular collection and important
- ✓ **FLOWERING:** semi-early, generally the second / third week of February, one week before BIG TOP®.
- ✓ **FRUIT:** A-2A-Calibre, dominant 2A, shape: round, colour: 100% bright red. Very smooth skin.
- ✓ **RIPENING TIME:** 20/27 June
- # **FEATURES:** semi-sweet, sweet, aromatic. the fruit can be eaten crisp at harvest or at the ripening. Variety Low Chilling.



CRISPRIM cov ASF0841

EU patent NR. 36694. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** strong and good to very strong
- ✓ **PRODUCTIVITY:** regular and important. A rootstock with good VIGOUR as INRA GF677, will increase its performance
- ✓ **FLOWERING:** semi-early, generally the second / third week of February, one week before BIG TOP®
- ✓ **FRUIT:** homogeneous 2A-A, shape: round, colour: full red (+/- 95%) on a bright orange background. Very smooth skin
- ✓ **RIPENING TIME:** 20/27 June
- # **FEATURES:** Very nice, semi-sweet, aromatic, juicy. The fruit can be eaten crisp or at the ripening



CRISPBELLA cov ASF0842

EU patent NR. 36695. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** regular and important
- ✓ **FRUIT:** homogeneous 2A-A +, shape: round, colour: full red (+/- 95%) on a bright orange background. Very smooth skin
- ✓ **RIPENING TIME:** 2/10 July
- # **FEATURES:** Very nice semi-sweet, sweet, aromatic, juicy. The fruit can be eaten crunchy or at the ripening



CRISPREVE cov ASF1148L

EU patent NR. 2015/2862. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** good. Quick to fruit.
- ✓ **FLOWERING:** semi-early, generally the second / third week of February, two weeks before BIG TOP®.
- ✓ **FRUIT:** 2A Calibre shape: round slightly flattened, colour: 100% bright red
- ✓ **RIPENING TIME:** 7/17 July
- # **FEATURES:** semi-sweet, sweet, aromatic, very good. Low Chilling variety

CRISPSTAR cov ASF0843

EU patent NR. 37913. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** regular and important
- ✓ **FRUIT:** 2A + homogeneous, shape: round smooth, colour: full red (+/- 95%) on a bright orange background. Very smooth skin
- ✓ **RIPENING TIME:** 12/20 July
- # **FEATURES:** *Very nice semi-sweet, sweet, aromatic, juicy. The fruit can be eaten crunchy or at the ripening*



CRISPDREAM cov ASF1144

EU patent NR. 2014/3172. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** good
- ✓ **FRUIT:** 2A + homogeneous, shape: round, colour: full red (+/- 95%) on a bright orange background. Very smooth skin
- ✓ **RIPENING TIME:** 31 July/11 August
- # **FEATURES:** *Very nice semi-sweet, sweet, aromatic, juicy. The fruit can be eaten crunchy or at the ripening*



CRISPDELICE SUN cov ASF0443

EU patent nr. 26769. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** regular and important. Easy rustic variety
- ✓ **FRUIT:** 2A + Calibre, very attractive fruit, round, smooth, colour: fully red orange. Very smooth skin
- ✓ **RIPENING TIME:** 11/19 August
- # **FEATURES:** *semi-sweet, sweet, aromatic, juicy, the fruit can be eaten crunchy or at the ripening*



CRIPSOL cov ASF1343

EU patent nr. 2014/3166. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** regular and important
- ✓ **FRUIT:** c2A + Calibre, shape: round, colour: 95% red - red orange
- ✓ **RIPENING TIME:** 22/28 August
- # **FEATURES:** *Very nice, semi-sweet, sweet, aromatic, juicy. The fruit can be eaten crunchy or at the ripening*



CRISPDIVA cov ASF 1046

EU patent nr. 2012/2706. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** very regular
- ✓ **FRUIT:** 2A uniform size, shape: very round, colour: bright red orange very
- ✓ **RIPENING TIME:** 4/11 September
- # **FEATURES:** *Its non-fibrous founding crisp texture associated with the aromatic semi-sweet flavor are very satisfying for consumers*





PATTY® ZAISITO

EU Patent nr. 18118. By license of of International Plant Selection

- ✓ **VIGOUR:** good, half opened tree
- ✓ **PRODUCTIVITY:** high, quick to fruit on mixed branches
- ✓ **FLOWERING:** early with pinkish flowers
- ✓ **FRUIT:** round, Calibre A / AA, deep red colour, excellent taste characteristics, good texture and resistant to cracking
- ✓ **RIPENING TIME:** 25 June/5 July
- # **FEATURES:** *very interesting for the organoleptic characteristics and production*



NABBY® ZAI 674 PJ

EU patent in progress. By license of of International Plant Selection

- ✓ **VIGOUR:** good, half opened tree
- ✓ **PRODUCTIVITY:** high, quick to fruit on mixed branches
- ✓ **FRUIT:** round, 2A Calibre, bright and intense red colour
- ✓ **RIPENING TIME:** 29 June
- # **FEATURES:** *good taste characteristics, balanced flavor*



MAURA® ZAIFISAN

EU Patent nr. 16282. By license of of International Plant Selection.

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high, half opened tree, quick to fruit
- ✓ **FRUIT:** big, round, AA Calibre, with intense dark bright red colour, excellent taste
- ✓ **RIPENING TIME:** 12/18 July
- # **FEATURES:** *excellent taste and appearance*



OPHELIA® ZAI 685 PB

EU Patent nr. 11/2847 progress. By license of of International Plant Selection.

- ✓ **VIGOUR:** high, half opened tree
- ✓ **PRODUCTIVITY:** high, quick to fruit on mixed branches
- ✓ **FRUIT:** round, AA Calibre, bright and intense dark red colour
- ✓ **RIPENING TIME:** 16 July
- # **FEATURES:** *excellent taste characteristics, aromatic and balanced*

NERISA® ZAI 668 PB

EU patent in progress. By license of of International Plant Selection

- ✓ **VIGOUR:** good, half opened tree
- ✓ **PRODUCTIVITY:** high, quick to fruit on mixed branches
- ✓ **FRUIT:** round slightly asymmetrical, AA Calibre, dark red
- ✓ **RIPENING TIME:** 19 July
- # **FEATURES:** excellent taste characteristics, balanced flavor



SUMMER SWEET® ZAIDOTE

EU Patent nr. 8393. By license of of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high, half opened tree. Quick to fruit.
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** round, 2A Calibre, with dark red colour on the 90% of the surface
- ✓ **RIPENING TIME:** 3 September
- # **FEATURES:** excellent taste. Varieties suitable to medium chilling areas



ROSALIA® ZAI 580 PB

EU Patent nr. 27.249. By license of of International Plant Selection.

- ✓ **VIGOUR:** good, with half opened tree
- ✓ **PRODUCTIVITY:** high, with half opened tree.
- ✓ **FRUIT:** round, AA Calibre, with dark red colour
- ✓ **RIPENING TIME:** 2 August
- # **FEATURES:** excellent flavor, very sweet



URANIA® ZAI 613 PB

By license of of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high, with half opened tree, quick to fruit
- ✓ **FRUIT:** round, 2A / A Calibre, with light red colour very bright
- ✓ **RIPENING TIME:** 7 August
- # **FEATURES:** sweet taste with no acidity





OCTAVIA® ZAIGLE

EU Patent nr. 27.248. By license of of International Plant Selection

- ✓ **VIGOUR:** high, half opened tree
- ✓ **PRODUCTIVITY:** high, quick to fruit on mixed branches
- ✓ **FRUIT:** round slightly flattened, AA Calibre, dark red
- ✓ **RIPENING TIME:** 11 August
- # **FEATURES:** *excellent taste characteristics, aromatic and balanced*



MIRANDA® ZAI 696 PB

EU Patent nr. 14/20424 in progress. By license of of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high, half opened tree. Quick to fruit
- ✓ **FRUIT:** big, round, Calibre AA / A, with dark red colour
- ✓ **RIPENING TIME:** 24 July
- # **FEATURES:** *good flavor and sweet*



LUCIUS® ZAI 66 PB

EU patent in progress. By license of of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high, half opened tree. Quick to fruit
- ✓ **FRUIT:** round, AA / A Calibre, with dark red colour on 90% of the surface
- ✓ **RIPENING TIME:** 3 September
- # **FEATURES:** *excellent gustative qualities.*



SWEETCHIEF cov ASF0753

EU patent nr. 36697. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** strong. In very acid soils, it will be guaranteed a proper balance of nutrients
- ✓ **PRODUCTIVITY:** regular and important
- ✓ **FRUIT:** 2A + Calibre, shape: round smooth, colour: red on red-rose background, very bright. Very smooth skin
- ✓ **RIPENING TIME:** 19/27 July
- # **FEATURES:** *excellent gustative qualities*

SWEETREGAL cov ASF0851

EU patent nr. 36698. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** very productive regular
- ✓ **FRUIT:** 2A-3A size, shape: round slightly flattened, very smooth, colour: full bright red
Very smooth skin
- ✓ **RIPENING TIME:** 2/11 August
- # **FEATURES:** very sweet, semi-sweet aromatic flavor, very good. The fruit can be eaten crunchy or at the ripening



SWEETREINE cov ASF0755

EU patent nr. 37914. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good. Preferably use a rootstock as Montclar or Cadaman
- ✓ **PRODUCTIVITY:** very productive regular
- ✓ **FRUIT:** 2A + homogeneous, shape: round, fully coloured
- ✓ **RIPENING TIME:** 10/19 August
- # **FEATURES:** very nice semi-sweet, sweet, aromatic, juicy. The fruit can be eaten crunchy or at the ripening



SWEETSTAR cov ASF0364

EU patent nr. 31540. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** very strong
- ✓ **FRUIT:** very homogeneous 2A-3A, shape: round slightly flattened, colour: fully pink-red, very bright
- ✓ **RIPENING TIME:** 16/24 August
- # **FEATURES:** very nice semi-sweet, sweet, aromatic, juicy. The fruit can be eaten crunchy or at the ripening



SWEETMOON cov ASF0557

EU patent nr. 31539. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** very strong
- ✓ **FRUIT:** homogeneous 2A 3A, shape: round, colour: full pink red
- ✓ **RIPENING TIME:** 22/29 August
- # **FEATURES:** very nice semi-sweet, sweet, aromatic, juicy. The fruit can be eaten crunchy or at the ripening





EARLY MAY® ZAI BULO

EU Patent nr. 20.396. By license of of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high, quick to fruit
- ✓ **FLOWERING:** very early
- ✓ **FRUIT:** round, A / B / C Calibre, with extended red colour (80%) with orange background; excellent texture and good and balanced taste qualities
- ✓ **RIPENING TIME:** 1/10 June
- # **FEATURES:** *excellent results for its period. Variety exclusively reserved for areas of the Mediterranean*



EARLY BOMBA® ZAITROBO

EU Patent nr. 11.645. By license of of International Plant Selection

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high, quick to fruit
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** large size for its time (A / AA), intense red overcolour and good texture
- ✓ **RIPENING TIME:** 6/10 June
- # **FEATURES:** *good flavor. It's a perfect variety for the southern areas*



BIG GLORY® ZAI 845 NJ

EU Patent nr. 11/2842 progress. By license of of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** very good, quick to fruit
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** round Calibre A / AA, bright red, and good consistency, good and balanced flavor
- ✓ **RIPENING TIME:** 20 June
- # **FEATURES:** *the fruit is very attractive, it has no cracks and cavities*



HONEY SUN® ZAI 863 NJ

EU Patent nr. 14/20421. By license of of International Plant Selection

- ✓ **VIGOUR:** molto high
- ✓ **PRODUCTIVITY:** very good, quick to fruit
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** round, AA Calibre, deep red
- ✓ **RIPENING TIME:** 28 June
- # **FEATURES:** *aromatic flavor, good and sweet*

BIG FIRE® ZAI 691 NJ

EU Patent nr. 08/2754. By license of of International Plant Selection

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high, quick to fruit
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** oblong shape, AA / A Calibre, bright and dark red, good consistency and flavor
- ✓ **RIPENING TIME:** 28 June
- # **FEATURES:** it's an interesting early variety for its size and its high production



BIG BANG® Maillara*

EU patent n. 11973 in progress. By license of Euro Pépinières SCEA.

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** intermediate
- ✓ **FRUIT:** round shaped, bright red colour
- ✓ **RIPENING TIME:** early, 20th of June
- # **FEATURES:** yellow flesh, firm, crunchy, juicy and with a sub-acid flavor.



HONEY FIRE - cov

EU Patent nr. 27.231. By license of of International Plant Selection

- ✓ **VIGOUR:** very high
- ✓ **PRODUCTIVITY:** very good, quick to fruit
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** from round to oval, AA / A Calibre, bright red colour, good consistency
- ✓ **RIPENING TIME:** 10 July
- # **FEATURES:** good flavor. Varieties suitable for the southern areas



HONEY BOWL® ZAI 867 NJ

EU Patent nr. 14/20422 in progress. By license of of International Plant Selection

- ✓ **VIGOUR:** very high
- ✓ **PRODUCTIVITY:** very good, quick to fruit
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** round, AA / A Calibre, bright red, good consistency
- ✓ **RIPENING TIME:** 15 July
- # **FEATURES:** very good flavor. It's especially suitable for the Mediterranean areas





NECTAREINE® cov ASF9902

EU patent n. 21910 in progress. By license of Agro Sélections Fruits.

- ✓ **VIGOUR:** very high
- ✓ **PRODUCTIVITY:** good
- ✓ **FRUIT:** homogeneous caliber 2A, round shaped. Color: 80-90% red on a bright orange background.
- ✓ **RIPENING TIME:** 27 July/3 August
- # **FEATURES:** very good taste, aromatic sweet.



HONEY QUEEN® ZAI 865 NJ

EU Patent progress. By license of International Plant Selection

- ✓ **VIGOUR:** very high
- ✓ **PRODUCTIVITY:** very good, quick to fruit
- ✓ **FRUIT:** round, AA / A Calibre, bright red colour
- ✓ **RIPENING TIME:** 5 August
- # **FEATURES:** good consistency and good flavor



DULCIOR - BO 04047013* - BO 04047013*

EU patent n.2017/0017 in progress. By licence of CRPV.

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high
- ✓ **FRUIT:** large size (AA+) and regular round shape; yellow skin, coated for 70-80% of red overcolour
- ✓ **RIPENING TIME:** late (last week of August)
- # **FEATURES:** the flesh is yellow, very juicy, with an excellent flavor (sweet, medium acidity).



HONEY CASCADE® ZAI 755 NJ

EU Patent nr. 27.245. By license of International Plant Selection

- ✓ **VIGOUR:** very high
- ✓ **PRODUCTIVITY:** very good, quick to fruit
- ✓ **FRUIT:** round, AA Calibre, dark red
- ✓ **RIPENING TIME:** 24 August
- # **FEATURES:** good texture, good flavor, very sweet

HONEY LATE® ZAI 827 NJ

Sun Pat. E.U. progress. By license of of International Plant Selection

- ✓ **VIGOUR:** very high
- ✓ **PRODUCTIVITY:** very good, quick to fruit
- ✓ **FLOWERING:** late
- ✓ **FRUIT:** from round to oval, AA / A Calibre, bright dark red colour
- ✓ **RIPENING TIME:** 11 September.
- # **FEATURES:** good texture, good flavor, very sweet



NECTAFLASH cov ASF1108

EU patent nr. 2012/2703. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** good and regular
- ✓ **FRUIT:** very uniformity size A-AA, shape: round, colour: full bright red
- ✓ **RIPENING TIME:** 18/28 June
- # **FEATURES:** semi-sweet flavor, sugary and aromatic, a founding consistency, the fruit can be eaten crunchy or soft



NECTARONDA cov ASF1304

EU patent nr. 2014/3178. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** good and regular
- ✓ **FRUIT:** very homogeneous A-AA, shape: round, colour: bright red
- ✓ **RIPENING TIME:** 8/16 July
- # **FEATURES:** Semi-sweet flavor, sugary aroma, the fruit can be eaten crunchy or at the ripening. Good alternative to BIG TOP®



NECTAKING cov ASF0805

EU patent nr. 2012/2702. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** strong and good
- ✓ **PRODUCTIVITY:** good and regular
- ✓ **FRUIT:** 2A + size, shape: round smooth, very dark red colour
- ✓ **RIPENING TIME:** 15/28 July
- # **FEATURES:** exceptional flavor, semi-sweet, sugary and aromatic, the fruit can be eaten crunchy or at the ripening





NECTAJULIE cov ASF0613

EU patent nr. 39649. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** good, regular, slightly less productive than Nectariane
- ✓ **FRUIT:** 2A + uniform size, shape: round to slightly oblong, colour: full coloured
- ✓ **RIPENING TIME:** 27 July/3 August
- # **FEATURES:** Semi-sweet flavor, sugary aroma, the fruit can be eaten crunchy or at the ripening



NECTAVANTOP cov ASF0711

EU patent nr. 34170. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** regular productivity
- ✓ **FRUIT:** 2A Calibre, homogeneous, shape: round, colour: fully bright red
- ✓ **RIPENING TIME:** 9/18 August
- # **FEATURES:** excellent taste qualities, exceptional aromatic semi-sweet flavor



NECTATOP cov ASF0515

EU patent nr. 31532. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** regular and important
- ✓ **FRUIT:** 2A homogeneous, shape: round smooth, fully coloured
- ✓ **FLOWERING:** more delayed than other yellow nectarines
- ✓ **RIPENING TIME:** 16/25 August
- # **FEATURES:** more delayed than other yellow nectarines



NECTADIVA cov ASF0619

EU patent nr. 39650. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** regular and important
- ✓ **FRUIT:** c2A+ Calibre, homogeneous, shape: round smooth, colour: dark red bright enough
- ✓ **RIPENING TIME:** 1/13 September
- # **FEATURES:** exceptional flavor, semi-sweet, sugary and aromatic, the fruit can be eaten crunchy or at the ripening



NECTATINTO® cov ASF0620

EU patent n. 39640 in progress. By license of Agro Sélections Fruits.

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high
- ✓ **FRUIT:** caliber 2A, round shaped, colour: 80-90% red
- ✓ **RIPENING TIME:** 10/12 September
- # **FEATURES:** semi-sweet fruit, very aromatic. At slow maturation.

QUEEN RED® ZAITOLIO

EU Patent nr. 18.117. By license of of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high
- ✓ **FRUIT:** slightly elongated, Calibre A, bright red colour
- ✓ **RIPENING TIME:** 17 June
- # **FEATURES:** the flavor is sweet, aromatic and balanced. This variety is suitable to the Southern areas



BIG WHITE® ZAI 877 NB

EU Patent nr. 11/2843. By license of of International Plant Selection

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** very good, quick to fruit
- ✓ **FRUIT:** round and slightly flattened, 2A Calibre, bright red colour and good texture
- ✓ **RIPENING TIME:** 29 June
- # **FEATURES:** good and balanced flavor



QUEEN BRIGHT® ZAI 858 NB

By license of of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high, quick to fruit
- ✓ **FRUIT:** round, Calibre A / 2A, bright red colour and good texture
- ✓ **RIPENING TIME:** 1 August
- # **FEATURES:** good and balanced flavor



QUEEN DIAMOND® ZAI 726 NB

Sun Pat. EU progress. By license of of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high, quick to fruit
- ✓ **FRUIT:** round, Calibre AA / A, dark red light
- ✓ **RIPENING TIME:** 6 August
- # **FEATURES:** good flavor, sweet and balanced



MAGIQUE® Maillarmagie cov

EU patent n. 16775 in progress. By license of Euro Pépinières SCEA

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high
- ✓ **FRUIT:** fruit of large size, 2/A caliber, from round to oval, bright color from garnet red to skin pink.
- ✓ **RIPENING TIME:** +10 Big Top® Zaitabo
- # **FEATURES:** the flesh is white, of high consistency.





QUEEN GLORY® ZAI 752 NB

EU Patent nr. 27.246. By license of of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high
- ✓ **FRUIT:** round, Calibre A / AA, dark red colour
- ✓ **RIPENING TIME:** 3 August
- # **FEATURES:** good flavor, sweet, aromatic and balanced



QUEEN GLOBE® ZAI 809 NB

EU patent in progress. By license of International Plant Selection S.a.r.l.

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** late
- ✓ **FRUIT:** round, Calibre A / AA, dark red colour on pink surface
- ✓ **RIPENING TIME:** 25 August
- # **FEATURES:** good flavor, sweet, aromatic and balanced



SILVER BRIGHT® ZAI 770 NB

EU Patent progress. By license of of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** late
- ✓ **FRUIT:** round, Calibre A / AA, bright red colour
- ✓ **RIPENING TIME:** 8 August
- # **FEATURES:** good and balanced flavor. It's an highly productive variety with an excellent colouration



NECTARBOOM cov ASF0822

EU patent nr. 36692. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** regular and important
- ✓ **FRUIT:** 2A-A Calibre, shape: round, colour: fully bright red
- ✓ **RIPENING TIME:** 25 June/8 July
- # **FEATURES:** aromatic semi-sweet flavor, the fruit can be eaten crunchy or at the ripening



NECTARPERF cov ASF0831

EU patent nr. 2013/3037. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** very productive regular
- ✓ **FRUIT:** very 2A + homogeneous, shape: very round, colour: bright red on 90% of pinkish background
- ✓ **RIPENING TIME:** 2/10 September
- # **FEATURES:** semi-sweet, very sweet, very good aromatic flavor

NECTARREVE cov ASF0522

EU patent nr. 31535. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** strong
- ✓ **PRODUCTIVITY:** very productive regular
- ✓ **FRUIT:** 2A homogeneous, shape: round smooth, colour: bright red
- ✓ **RIPENING TIME:** 3/10 July
- # **FEATURES:** sweet and aromatic flavor seed. Good alternative to MAGIQUE®



NECTARNOW cov ASF1325

EU patent nr. 2014/3175. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** good productivity
- ✓ **FRUIT:** 2A Calibre, shape: round, colour: 100% bright red colour
- ✓ **RIPENING TIME:** 15/25 July
- # **FEATURES:** semi-sweet and aromatic flavor, very good taste



NECTARDREAM cov ASF0730

EU patent nr. 36967. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** very productive regular
- ✓ **FRUIT:** very homogeneous, 2A Calibre, shape: very round, colour: fully bright red
- ✓ **RIPENING TIME:** 4/12 August
- # **FEATURES:** semi-sweet, sugary, aromatic, the fruit can be eaten crunchy or at the ripening



NECTARRUBY cov ASF0828

EU patent nr. 37912. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** regular and important
- ✓ **FRUIT:** homogeneous AA Calibre and more, shape: round smooth, colour: bright red on the whole fruit. Skin smooth very bright
- ✓ **RIPENING TIME:** 13/22 August
- # **FEATURES:** semi-sweet, very sweet, very aromatic. Juicy flesh, the fruit can be eaten crunchy or at the ripening



NECTAPERLE® cov ASF0223

EU patent 21915 in progress. By license of Agro Sélections Fruits

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high
- ✓ **FRUIT:** large size, 2A caliber, round shaped, slightly elongated, bright red color
- ✓ **RIPENING TIME:** 17/25 July
- # **FEATURES:** semi-sweet and very aromatic fruit. At slow maturation.





SAUZEE® 667 - ZAI 667 PBS

EU Patent nr. 2012/2584 in progress. By license of of International Plant Selection

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** partially early
- ✓ **FRUIT:** round regular shape, Calibre A, 80 mm in diameter, bright red colour
- ✓ **RIPENING TIME:** 17 June
- # **FEATURES:** sweet with low acidity



SAUZEE® 698 - ZAI 698 PBS

EU Patent nr. 12/2585 in progress. By license of of International Plant Selection

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** round regular shape, Calibre A, 70 mm in diameter, deep red colour
- ✓ **RIPENING TIME:** 15 July
- # **FEATURES:** sweet flavor



SAUZEE® 665 - ZAI 665 PBS

EU Patent nr. 11/2845 in progress. By license of of International Plant Selection

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** late
- ✓ **FRUIT:** round regular shape, Calibre A, 70 mm in diameter, bright red colour on the 90% of the surface
- ✓ **RIPENING TIME:** 30 July
- # **FEATURES:** sweet, balanced flavor



SAUZEE® 660 - ZAI 660 PBS

EU Patent nr. 11/2844 in progress. By license of of International Plant Selection

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** average
- ✓ **FRUIT:** round regular shape, Calibre 2A, 80 mm diameter, bright red colour on cream background
- ✓ **RIPENING TIME:** 24 August
- # **FEATURES:** sweet and aromatic flavor

SAUZEE® 682 - ZAI 682 PBS

EU Patent nr. 11/2846 in progress. By license of of International Plant Selection

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** late
- ✓ **FRUIT:** round, 2A Calibre, 80 mm diameter, deep red colour
- ✓ **RIPENING TIME:** 6 September
- # **FEATURES:** *sweet and aromatic flavor*



SAUZEE® 699 - ZAI 699 PBS

EU Patent nr. 11/2848 in progress. By license of of International Plant Selection

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** late
- ✓ **FRUIT:** round, Calibre 2A, 75 mm diameter, red colour on the 65% of the epidermis' surface on a cream background
- ✓ **RIPENING TIME:** 19 September
- # **FEATURES:** *sweet taste, very good*



PLATTY® PLATIFIRST- cov

Breeder INRA / Quartier Neuf, by license of Cep Innovation licensed holder

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high
- ✓ **FRUIT:** round and flattened shape, size A / AA, the colour is for the 90% dark red on a light background
- ✓ **RIPENING TIME:** 20/25 July
- # **FEATURES:** *excellent and sweet taste.*



PLATTY® PLATIBELLE - cov

Breeder INRA / Quartier Neuf, by license of Cep Innovation licensed holder

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high
- ✓ **FRUIT:** size A / AA, round and flattened shape, the colour is for the 90% dark red on light background
- ✓ **RIPENING TIME:** 20/25 July
- # **FEATURES:** *excellent and sweet taste*





PLATTY® PLATIFUN - cov

Breeder INRA / Quartier Neuf, by license of Cep Innovation licensed holder

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high
- ✓ **FRUIT:** size A / AA, round and flattened shape, the colour is for the 90% dark red on light background
- ✓ **RIPENING TIME:** late July
- # **FEATURES:** excellent and sweet taste



PLATTY® PLATIMOON - cov

Breeder INRA / Quartier Neuf, by license of Cep Innovation licensed holder

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high
- ✓ **FRUIT:** round and flattened shape, the colour is for the 80- 90% dark red
- ✓ **RIPENING TIME:** 1st week of August
- # **FEATURES:** excellent taste, very sweet



FLATBELLA cov ASF0792

EU patent nr. 36703. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** normal
- ✓ **PRODUCTIVITY:** adjust very productive. It requires fertilization and irrigation
- ✓ **FRUIT:** 2A homogeneous, shape: round pretty smooth, colour: pinkish red fully very bright. The cavity of the flower is very closed, with a total absence of cracking
- ✓ **RIPENING TIME:** 3/10 July
- # **FEATURES:** Semi-sweet taste, very good, sweet and very aromatic. The fruit can be eaten crunchy or at the ripening



FLATCHIEF cov ASF0892

EU patent nr. 39657. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** regular and important
- ✓ **FRUIT:** 2A-3A homogeneous, shape: round pretty smooth, colour: fully pink-red, very bright. The cavity of the flower is very closed. In case of excessive risk of frost, prefer flat Beauty ASF 0795
- ✓ **RIPENING TIME:** 15/25 July
- # **FEATURES:** very good semi-sweet, sweet, very aromatic. The fruit can be eaten crunchy or at the ripening

FLATREINE cov ASF0796

EU patent nr. 34176. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** regular and important
- ✓ **FRUIT:** homogeneous 3A-2A, shape: round very smooth flattened, colour: fully pink-red, very bright. The cavity of the flower is very closed, with total absence of cracking
- ✓ **RIPENING TIME:** 20/30 July
- # **FEATURES:** very good semi-sweet, sweet, very aromatic. The fruit can be eaten crunchy or at the ripening



FLATSTAR cov ASF0798

EU patent nr. 34177. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good, strong. As rootstocks are recommended Montclar or Cadaman
- ✓ **PRODUCTIVITY:** regular and important
- ✓ **FRUIT:** 3A-2A homogeneous, shape: round enough, not rough, smooth, colour: bright red fully pink. The cavity of the flower is very closed, with a total absence of cracking
- ✓ **RIPENING TIME:** 13/23 August
- # **FEATURES:** very good semi-sweet, sugary, very aromatic. The fruit can be eaten crunchy or at the ripening



FLATDIVA cov ASF11106

EU patent nr. 2012/2709. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good, average. Preferred as rootstocks GF 677 and not Montclar or Cadaman
- ✓ **PRODUCTIVITY:** regular and important
- ✓ **FRUIT:** 2A homogeneous, shape: round, colour: dark red (100%). The cavity of the flower is very closed
- ✓ **RIPENING TIME:** 2/9 September
- # **FEATURES:** very good semi-sweet, sugary, very aromatic. The fruit can be eaten crunchy or at the ripening



"The ripening dates for peaches are determinated in Emilia Romagna (Italy) and are intended as a general guide and depend on the season and climate."

Foto su concessione: Cep Innovation

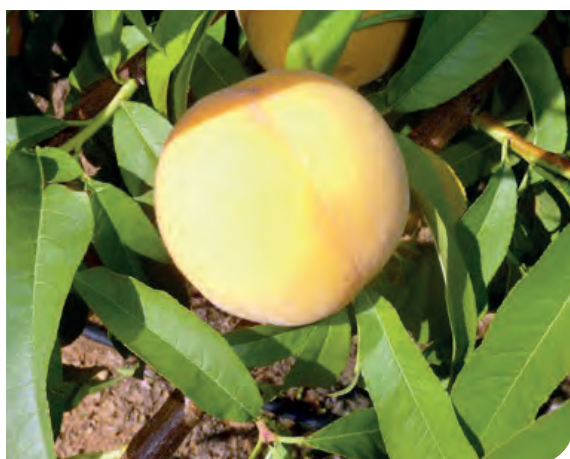


FERLOT - cov

Breeder INRA, by license of Cep Innovation licensed holder

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** good and regular
- ✓ **FRUIT:** regular shape, the weight is from 190 to 210 gr
- ✓ **RIPENING TIME:** 15/20 August
- # **FEATURES:** ideal for the industrial purpose, good conservation

Foto su concessione: Cep Innovation



FERCLUSE - cov

Breeder INRA, by license of Cep Innovation licensed holder

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** good and regular
- ✓ **FLOWERING:** medium
- ✓ **FRUIT:** regular shape, the weight is between 170 and 200 grams
- ✓ **RIPENING TIME:** late July, early August
- # **FEATURES:** ideal for the industrial purpose, good conservation

Foto su concessione: Cep Innovation



FERLATE - cov

Breeder INRA, by license of Cep Innovation licensed holder

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** very good and regular
- ✓ **FLOWERING:** medium
- ✓ **FRUIT:** A Calibre, homogeneous and regular shape
- ✓ **RIPENING TIME:** late August
- # **FEATURES:** very interesting variety for its ripening period

Foto su concessione: Cep Innovation



FERGOLD - cov

Breeder INRA, by license of Cep Innovation licensed holder

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** very good and regular
- ✓ **FLOWERING:** medium
- ✓ **FRUIT:** regular shape, the weight is from 160 to 170 gr
- ✓ **RIPENING TIME:** from the 20th to 25 of July
- # **FEATURES:** ideal for the industrial purpose, good conservation

Rootstocks for peaches, nectarines and perchoches

GF 677

Certificate Exempt Virus. Hybrid Prunus persica x Prunus amygdalus obtained INRA (France)

For over 30 years the most important clonal rootstock for peaches and nectarines for its adaptability to the most difficult soil conditions with respect to the scale and the lack of water. Suitable for ristoppi. Excellent graft compatibility with peaches, nectarines, peaches.

CADAMAN® Avimag*

*Avimag * Virus Certificate Exempt. By license of of C.A.V. AGRI Obtentions*

Hybrid Prunus persica x Prunus davidiana obtained INRA (France). Vigorous rootstock, akin with all varieties of nectarine and almond peach. Tolerates root asphyxia over GF 677. Excellent productivity, it tolerates nematodes Meloidogyne genre.

GARNEM® (GxN 15)

Exempt Certificate Virus. By license of of GESLIVE

Garfi x Nemared (P. amygdalus x P. persica). Rootstock red leaf, gives the plant VIGOUR a similar or higher than the GF677; has good resistance to chlorosis, it is suitable for ristoppio and resistant to nematodes Meloidogyne genre.

ISHTARA® Ferciana*

Virus Certificate Exempt. By license of of C.A.V. AGRI Obtentions

Complex hybrid (Prunus cerasifera x Prunus salicina) x (Prunus cerasifera x Prunus persica) obtained INRA (France). multi-purpose rootstock of medium vigour, it combines a good affinity increased earliness and improved production quality. Tolerant to Armillaria.

ADESOTO® (Puebla de Soto)

Certified Virus Exempt. By license of of AGROMILLORA CATALANA

Pollizo the selection of Murcia (Spain). It gives good VIGOUR, uniformity of plants, good productivity, increased fruit size, early ripening. Multi-purpose, it is akin to peach and nectarine, apricot and plum. It adapts to drought land, clay and limestone. Tolerant to Armillaria. Pollonifero.

MIRARED®

It belongs to the species P.cerasifera x P.davidiana. By licence of Nova srl.

The vigour of the plant is about 10% less of the GF 677, the leaf is long-red colour and slightly elliptical. This rootstock can be used to: Prunus armeniaca L., Prunus cerasifera Ehrh., Prunus domestica L., Prunus persica (L.) Batsch, Prunus salicina. It is resistant to Nematodes and tolerant to 'Armillaria mellea.

MIRAGREEN®

It belongs to the species P.cerasifera x P.davidiana. By licence of Nova srl.

The vigour of the plant is medium, the leaf is green, long and medium-elliptical. This rootstock can be used to: Prunus armeniaca, Prunus persica and Prunus domestica. It is resistant to Nematodes.



NIROSA 1®

EU PATENT n. 2019/0007 in progress. By license of CRPV.

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** good
- ✓ **FLOWERING:** very early
- ✓ **FRUIT:** large size, slightly asymmetric, deep yellow background color with bright red over 20-30% of the surface
- ✓ **RIPENING TIME:** : 3-4 days after Wondercot
- ✓ **POLLINATOR:** self-fertile
- # **FEATURES:** flesh of good consistency, sweet and aromatic taste; slightly acid skin.



NIROSA 2®

EU PATENT n. 2019/0008 in progress. By license of CRPV

- ✓ **VIGOUR:** medium-high
- ✓ **PRODUCTIVITY:** good
- ✓ **FLOWERING:** intermediate
- ✓ **FRUIT:** large size, round shaped, symmetrical, deep yellow background color with bright red overcolour on 30-40% of the surface.
- ✓ **RIPENING TIME:** +10 Wondercot
- ✓ **POLLINATOR:** self-fertile
- # **FEATURES:** flesh of good consistency, sweet and aromatic taste



MAYA COT - cov 2010 - 04

EU Patent nr. 2014/0888. By license of of Cot International

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** good and regular. Quick to fruit
- ✓ **FLOWERING:** abundant
- ✓ **FRUIT:** round / oval shape, dark orange colour sometimes with a slight additional colour on the fruits more exposed to the sun. 2A Calibre. Good hardness
The fruits are kept well on the tree
- ✓ **RIPENING TIME:** one week before Wonder Cot
- ✓ **POLLINATOR:** Wonder Cot e Sunny Cot
- # **FEATURES:** good taste and juicy fruits



WONDER COT - cov

EU Patent nr. 25348. By license of of Cot International

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** good and regular. Quick to fruit
- ✓ **FLOWERING:** abundant
- ✓ **FRUIT:** oblong shape, bright orange colour sometimes with a slight additional colour on the fruits more exposed to the sun. Good hardness. The fruits are kept well on the tree. 2A / 3A Calibre. The Calibre, colour and the texture make a fruit without comparison
- ✓ **RIPENING TIME:** 22 May
- ✓ **POLLINATOR:** partially self-sterile. It pollinates with Magic Cot and Lilly Cot
- # **FEATURES:** good taste, juicy fruits





LILLY COT - cov

EU Patent nr. 20102. By license of of Cot International

- ✓ **VIGOUR:** medium-good, with good branching
- ✓ **PRODUCTIVITY:** high and constant. Quick to fruit
- ✓ **FLOWERING:** early ed high
- ✓ **FRUIT:** oblong shape, bright orange colour. High hardness. 2A / 3A Calibre
- ✓ **RIPENING TIME:** 4 June
- ✓ **POLLINATOR:** partially self-fertile. It pollinates with Wonder Cot and Maya Cot
- # **FEATURES:** excellent taste for the period and high productivity, sweet and juicy fruit



FERIA COT - cov 2010 - 08

EU Patent nr. 2015/0273. By license of of Cot International

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** good
- ✓ **FLOWERING:** abundant
- ✓ **FRUIT:** round shape, dark orange colour sometimes with a slight overcolour on the fruits more exposed to the sun. Good hardness. 2A / 3A Calibre. The fruits are kept well on the tree
- ✓ **RIPENING TIME:** very early, between Wonder Cot and Magic Cot
- ✓ **POLLINATOR:** it pollinates with Magic Cot and Lilly Cot
- # **FEATURES:** excellent taste



COCOT/2012 - 44 - cov

EU Patent progress. By license of Cot International

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** good
- ✓ **FLOWERING:** medium
- ✓ **FRUIT:** round shape, 2A-3A-4A Calibre, dark orange colour
- ✓ **RIPENING TIME:** about 10 June
- ✓ **POLLINATOR:** self-fertile
- # **FEATURES:** sweetened fruit with good gustative qualities



FLASH COT - cov 94-1-121

EU Patent nr. 2013/0373. By license of of Cot International

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** good and regular. Quick to fruit
- ✓ **FLOWERING:** abundant
- ✓ **FRUIT:** round / oval shape, dark orange colour with bright red overcolour. Good hardness. 4A / 3A / 2A Calibre. The fruits are kept well on the tree
- ✓ **RIPENING TIME:** medio - early, 12 June
- ✓ **POLLINATOR:** Magic Cot e Lilly Cot
- # **FEATURES:** excellent taste

SUNNY COT - cov

EU Patent n.29633 in progress. By license of Cot International.

- ✓ **VIGOUR:** EU Patent nr. 29633 progress. By license of Cot International
- ✓ **PRODUCTIVITY:** very good, every year
- ✓ **FLOWERING:** average
- ✓ **FRUIT:** big oval / round, bright orange colour with red overcolour; very good texture; high resistance to handling preservation. The fruits have good looks and excellent consistency. I frutti hanno bell'aspetto e ottima consistenza.
- ✓ **RIPENING TIME:** 20/25 June
- ✓ **POLLINATOR:** partially self-fertile, pollinator Lady Cot
- # **FEATURES:** *excellent gustative qualities, sweet and juicy fruit*



DELICE COT - cov HYB 3-5

EU Patent nr. 2013/0372. By license of Cot International

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** good and regular
- ✓ **FLOWERING:** abundant
- ✓ **FRUIT:** foal / round shaped dark orange colour with bright red overcolour. Good hardness. The fruits are kept well on the tree. 2A / 3A Calibre
- ✓ **RIPENING TIME:** 20/25 June
- ✓ **POLLINATOR:** self-fertile
- # **FEATURES:** *excellent taste, sweet flesh, fine and juicy*



LADY COT - cov

EU Patent nr. 29635.del 18/04/11. By license of Cot International

- ✓ **VIGOUR:** very good, fruiting on all kinds of branch
- ✓ **PRODUCTIVITY:** very good
- ✓ **FLOWERING:** medium-late
- ✓ **FRUIT:** big AAA oval / round shape, bright orange colour with red overcolour; very good texture; high resistance to handling preservation
- ✓ **RIPENING TIME:** 1/7 July
- ✓ **POLLINATOR:** self-fertile
- # **FEATURES:** *attractive fruit with excellent taste qualities*



SWIRED REG 3220 - cov

EU Patent nr. 2012/2169. By license of Cot International

- ✓ **VIGOUR:** very good, fruiting on all kinds of branch
- ✓ **PRODUCTIVITY:** very good
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** big size 3A / 2A oval shape, orange colour with intense red overcolour; very good texture; high resistance to handling preservation
- ✓ **RIPENING TIME:** late, 8/14 July
- ✓ **POLLINATOR:** self-fertile
- # **FEATURES:** *beautiful colour and excellent taste: sweet and juicy*





ROUGE COT 2011-72 - cov

EU Patent nr. 2015/72. By license of of Cot International

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** very good
- ✓ **FLOWERING:** semi-late (22 March)
- ✓ **FRUIT:** oval shape, 2A-3A-Calibre, deep red colour
- ✓ **RIPENING TIME:** about 15/25 June
- ✓ **POLLINATOR:** self-fertile
- # **FEATURES:** good gustative qualities and good resistance to cracking



APRIREVE cov ASF0905

EU patent nr. 2013/3065. By license of of Agro Sélection Fruits

- ✓ **VIGOUR:** good
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** 3A-4A Calibre, slightly oblong shape, colour: very bright staining with 50% of blush
- ✓ **RIPENING TIME:** 6/13 June
- ✓ **POLLINATOR:** self-fertile varieties
- # **FEATURES:** very aromatic and sweet variety



APRIQUEEN cov ASF0404

Dom. Brev. UE n. 32944. Su concessione Agro Sélection Fruits

- ✓ **VIGOUR:** good
- ✓ **FLOWERING:** semi-early
- ✓ **FRUIT:** 3A-4A Calibre, slightly oblong shape, colour: very bright staining with 50% of blush.
- ✓ **POLLINATOR:** self-fertile varieties
- ✓ **RIPENING TIME:** 13/20 June
- # **FEATURES:** excellent, aromatic sweet taste



APRIBANG cov ASF0405

EU patent nr. 32945. By license of of Agro Sélection Fruits

- ✓ **VIGOUR:** good
- ✓ **FLOWERING:** medium
- ✓ **FRUIT:** strong potential de 3A-4A Calibre, homogeneous shape, beautiful presentation, attractive colouration from 30 to 50% red on a bright orange background
- ✓ **POLLINATOR:** self-fertile varieties
- ✓ **RIPENING TIME:** 20/27 June
- # **FEATURES:** the taste is very good, very juicy

APRIDELICE cov ASF1005

EU patent nr. 2015/3057. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **FLOWERING:** medium
- ✓ **FRUIT:** homogeneous 3A, round- slightly oblong shape, good colour with a blush
- ✓ **POLLINATOR:** self-fertile varieties
- ✓ **RIPENING TIME:** 24 June/1 July
- # **FEATURES:** very good, aromatic and sweet taste



APRISWEET cov ASF0409

EU patent nr. 32947. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **FLOWERING:** medium
- ✓ **FRUIT:** homogeneous 3A, round shape slightly oblong, colour: very bright colour, 40 to 50% red on a bright orange background
- ✓ **POLLINATOR:** self-fertile varieties
- ✓ **RIPENING TIME:** : 30 June/7 July
- # **FEATURES:** good flavor, sweet, juicy and aromatic



APRINEW cov ASF0916

EU patent nr. 42312. By license of of Agro Sélections Fruits

- ✓ **VIGOUR:** good
- ✓ **FLOWERING:** medium
- ✓ **FRUIT:** homogeneous 3A, round- slightly oblong shape, colour: bright colour, from 25 to 50% blush on orange background
- ✓ **POLLINATOR:** self-fertile varieties
- ✓ **RIPENING TIME:** 5/15 July
- # **FEATURES:** very good, aromatic and sweet taste





CARMINGO® PRICIA

EU patent pending. By license of of International Plant Selection S.A.R.L.

- ✓ **VIGOUR:** medium-high
- ✓ **PRODUCTIVITY:** very good, quick to fruit
- ✓ **FLOWERING:** abundant, average
- ✓ **FRUIT:** elliptical, 2A / 3A caliber, deep red on 50% of the fruits and bright orange background
- ✓ **RIPENING TIME:** 20/27 May
- # **FEATURES:** good taste and texture characteristics. Self-fertile variety with medium flowering time characterized by good-looking fruits. Not suitable for low chilling areas



CARMINGO® RUBISTA

By license of of International Plant Selection S.A.R.L.

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** very good, messa a FRUIT molto rapida
- ✓ **FLOWERING:** very strong, vintage + days Farbaly
- ✓ **FRUIT:** elliptical, 2A / 3A caliber, deep red
- ✓ **RIPENING TIME:** 30 May/6 June
- # **FEATURES:** good taste and texture characteristics. Variety of red apricot characterized by very attractive fruit



CARMINGO® PRIMIDI

EU patent pending. By license of of International Plant Selection S.A.R.L.

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high, quick to fruit
- ✓ **FLOWERING:** strong, early stage
- ✓ **FRUIT:** elliptical, 2A / 3A caliber, slightly elongated, red for 50% of the fruit on orange background
- ✓ **RIPENING TIME:** 1/9 June
- # **FEATURES:** good taste and texture characteristics. Self-fertile varieties suitable to medium - chilling areas



CARMINGO® MEDIABEL

EU patent nr. 34435. By license of of International Plant Selection S.A.R.L.

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** good, quick to fruit
- ✓ **FLOWERING:** medium
- ✓ **FRUIT:** oval-shaped, 2A / 3A caliber, red for from 25% to 50% of the fruit of the orange background
- ✓ **RIPENING TIME:** 7/15 June
- # **FEATURES:** good taste characteristics and texture. Variety constant and regular characterized by the beautiful color of the fruit

CARMINGO® MEDALIS

EU patent nr. 39541. By license of of International Plant Selection S.A.R.L.

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high, quick to fruit
- ✓ **FLOWERING:** high
- ✓ **FRUIT:** elliptical, 2A caliber, red for 50% of the fruit on orange background
- ✓ **RIPENING TIME:** 12/20 June
- # **FEATURES:** good taste characteristics and fragrance. Variety characterized by high production and excellent taste characteristics



CARMINGO® MEDFLO

EU patent pending. By license of of International Plant Selection S.A.R.L.

- ✓ **VIGOUR:** strong
- ✓ **PRODUCTIVITY:** high, quick to fruit
- ✓ **FLOWERING:** high, early in the southern areas
- ✓ **FRUIT:** elongated, 3A-caliber, red for 50% of the fruit on orange background
- ✓ **RIPENING TIME:** 14/22 June
- # **FEATURES:** good taste characteristics and scent, juicy fruit. Variety characterized by high production suits in chilling medium areas



CARMINGO® MEDIVA

EU patent current nr. 12/2588. By license of of International Plant Selection S.A.R.L.

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high, quick to fruit
- ✓ **FLOWERING:** high, medium vintage
- ✓ **FRUIT:** round-oval shape, 2A / 3A caliber, red for 50% of the fruit on orange background.
- ✓ **RIPENING TIME:** : 24 June/03 July
- # **FEATURES:** good taste characteristics, aroma. Variety characterized by high production and the caliber of its fruits



CARMINGO® MEDOLY

EU patent current nr. 12/2589. By license of of International Plant Selection S.A.R.L.

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high, quick to fruit
- ✓ **FLOWERING:** high, medium vintage
- ✓ **FRUIT:** round-oval shape, 2A / 3A caliber, red for 50% of the fruit on orange background
- ✓ **RIPENING TIME:** 03/12 July
- # **FEATURES:** good taste characteristics, sweet and aromatic. Variety characterized by high production and the beautiful color of its fruits





CARMINGO® FARALIA

EU patent nr. 27254. By license of International Plant Selection S.A.R.L.

- ✓ **VIGOUR:** from medium to high
- ✓ **PRODUCTIVITY:** high, quick to fruit
- ✓ **FLOWERING:** high, late vintage
- ✓ **FRUIT:** oval, 2A / 3A caliber, red for 25-30% of the fruit on orange background
- ✓ **RIPENING TIME:** 03/12 July
- # **FEATURES:** good taste characteristics, sweet and fragrant. Variety very productive, excellent texture and attractive fruit. Variety not suitable for hot climates



CARMINGO® FARELY

EU patent nr. 27254. By license of International Plant Selection S.A.R.L.

- ✓ **VIGOUR:** from medium to high
- ✓ **PRODUCTIVITY:** high, quick to fruit
- ✓ **FLOWERING:** high, late vintage
- ✓ **FRUIT:** oval, 2A / 3A caliber, red for 25-30% of the fruit on orange background
- ✓ **RIPENING TIME:** 19/27 July
- # **FEATURES:** good taste characteristics, sweet and fragrant. Variety very productive, excellent texture and attractive fruit. Variety not suitable for hot climates



CARMINGO® FARTOLY

EU patent nr. 37082. By license of International Plant Selection S.A.R.L.

- ✓ **VIGOUR:** medium - high
- ✓ **PRODUCTIVITY:** good, quick to fruit
- ✓ **FLOWERING:** medium to high, late vintage
- ✓ **FRUIT:** oval, 2A / 3A caliber, red for 25-30% of the fruit on orange background
- ✓ **RIPENING TIME:** 23 July/01 August
- # **FEATURES:** good taste characteristics, sweet and fragrant. Variety characterized by its excellent taste qualities and its coloration. Variety not suitable for hot climates



CARMINGO® FARBELA

EU patent current nr. 12/2590. By license of International Plant Selection S.A.R.L.

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high, quick to fruit
- ✓ **FLOWERING:** strong, mid season
- ✓ **FRUIT:** oval - elongated, 3A / 2A caliber, red for 30-50% of the fruit on orange background
- ✓ **RIPENING TIME:** 26 July/03 August
- # **FEATURES:** good taste characteristics, sweet and aromatic. Variety characterized by the caliber of its fruits, very attractive appearance of the fruit

CARMINGO® FARBALY

EU patent nr. 25359. By license of International Plant Selection S.A.R.L.

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high, quick to fruit
- ✓ **FLOWERING:** strong, late vintage
- ✓ **FRUIT:** elliptical, 3A-caliber, red for 25-50% of the fruit on orange background
- ✓ **RIPENING TIME:** 29 July/07 August
- # **FEATURES:** good taste characteristics, sweet and balanced. Variety characterized by its qualitative potential and its outstanding color for the ripening



CARMINGO® ORANGE SUMMER - ZAITORDE

EU patent nr. 22071. By license of International Plant Selection S.A.R.L.

- ✓ **VIGOUR:** strong
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** medium
- ✓ **FRUIT:** oval - elongated, orange
- ✓ **RIPENING TIME:** 02/09 August
- # **FEATURES:** good taste characteristics, sweet and balanced. Variety characterized by its high vigour



CARMINGO® FARLIS

EU patent nr. 32268. By license of International Plant Selection S.A.R.L.

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** high, quick to fruit
- ✓ **FLOWERING:** important, late date
- ✓ **FRUIT:** oblong - elliptical, 2A / 3A caliber, red for 30-40% of the fruit on orange background
- ✓ **RIPENING TIME:** : 13/21 August
- # **FEATURES:** good taste characteristics, sweet and fragrant. Variety characterized by its qualitative potential and its important production



CARMINGO® FARCLO

EU patent nr. 25358. By license of International Plant Selection S.A.R.L.

- ✓ **VIGOUR:** strong
- ✓ **PRODUCTIVITY:** good, quick to fruit
- ✓ **FLOWERING:** high, very late date
- ✓ **FRUIT:** elliptical, 2A caliber, red for 5-25% of the fruit on orange background
- ✓ **RIPENING TIME:** 17/25 August
- # **FEATURES:** good taste characteristics, sweet. Variety that needs an average chilling requirement



Rootstocks for Apricots

MIRABOLANO 29C

29C Certified Virus Free Selected in California (USA) by Gregory Bros. Nursery.

Tolerates compact and asphyxial soils and is resistant to active limestone and dry conditions. Considered one of the best rootstocks for the level of affinity it shows with various cultivars, for its productive efficiency and product quality.

MARIANNA GF 8/1

GF 8/1 Certified Virus Free Hybrid of Prunus cerasifera x Prunus munsoniana obtained in France by INRA.

Adapts remarkably well to pedological conditions and is very resistant to cold winter weather. Shows signs of a lack of affinity with some cultivars (Canino) and is sensitive to Verticillium wilt.

TORINEL® Avifel*

Avifel Certified Virus Free Licensed by C.A.V. AGRI OBTENTIONS S.A. Hybrid of «Reine Claude P 994» x «Reine Claude de Bavay» obtained by INRA (France)*

Creates medium vigour, 20-30% less than Mirabolano and begins production earlier; adapts well to clayey soils subject to water retention. Good overall for its productive efficiency.

ADESOTO®

Certified Virus Free Licensed by AGROMILLORA CATALANA. Selection of Pollizo de Murcia obtained in Spain.

Interesting for the positive grafting affinity and adaptability to very calcareous and dry soils. Tolerates Armillaria. Root-sucking.

ISHTARA® Ferciana*

Certified Virus Free Licensed by C.A.V. AGRI OBTENTIONS S.A.

Complex hybrid (Prunus cerasifera x Prunus salicina) x (Prunus cerasifera x Prunus persica) obtained by INRA (France). A rootstock with a similar vigour to seed Mirabolano; good affinity even with difficult cultivars. Tolerates Armillaria.

WEIWA®

Certified Virus free. Licensed by Technische Universität München (TUM), Institute of Fruit Science, D-85354 Freising (Germany).

Prunus domestica rootstock obtained from the cultivar 'Wangenheims' (vegetatively propagated). This rootstock is very resistant to "apricot and plum decline" and is tolerant to phytoplasma disease. Trees grafted onto Weiwa® rootstock grow 20-30% less compared to Mirabolano 29C. It has great affinity with all apricots and plums. Weiwa® has a very positive impact on both cropping efficiency and fruit size. The rootstock is not suckering.

MIRARED®

It belongs to the species P.cerasifera x Nemared. By licence of Nova srl.

The vigour of the plant is about 10% less of the GF 677, the leaf is long-red colour and slightly elliptical. This rootstock can be used to: Prunus armeniaca L., Prunus cerasifera Ehrh., Prunus domestica L., Prunus persica (L.) Batsch, Prunus salicina. It is resistant to Nematodes and tolerant to Armillaria mellea.

MIRAGREEN®

It belongs to the species P.cerasifera x P.davidiana. By licence of Nova srl.

The vigour of the plant is medium, the leaf is green, long and medium-elliptical. This rootstock can be used to: Prunus armeniaca, Prunus persica and Prunus domestica. It is resistant to Nematodes.









EARLY RED® Maraly

EU patent nr. 96/0108. Licensed by Innovar S.a.r.l.

- ✓ **VIGOUR:** good, semi-erect type of growth, quick to fruit
- ✓ **PRODUCTIVITY:** very good, regular production every year
- ✓ **FLOWERING:** 4 days before B. Burlat, very good
- ✓ **FRUIT:** high Calibre (32 mm), reniform shape, vivid red in colour, high consistency, very tasty, sweet flesh; sensitive to cracking, plastic covering is strongly recommended
- ✓ **RIPENING TIME:** 20/25 May
- ✓ **POLLINATOR:** Giant Red® Mariant*, B.Burlat
- # **FEATURES:** a very interesting cherry for its precociousness, attractive appearance and high consistency. Tested on Maxma Delbard 14® it showed high, constant productivity



GIANT RED® Mariant

EU patent no. 95/2927. Licensed by Innovar S.a.r.l.

- ✓ **VIGOUR:** good, semi-open type of growth, quick to fruit
- ✓ **PRODUCTIVITY:** high and constant productivity
- ✓ **FLOWERING:** same period as B. Burlat, good numbers
- ✓ **FRUIT:** very large Calibre (up to 38 mm), rounded shape, vermillion red in colour, good consistency, very good gustative features; medium resistance to cracking
- ✓ **RIPENING TIME:** 30 May/5 June
- ✓ **POLLINATOR:** Early Red®, B.Burlat
- # **FEATURES:** this is a very interesting cherry for its exceptional Calibre, attractive appearance and good consistency. Tested on Maxma Delbard 14® it showed high, constant productivity



ROYAL HAZEL - 8705 CZ

EU Patent nr. 10/2861 progress. By license of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** medium and made uniform fruit
- ✓ **FLOWERING:** early, good entities
- ✓ **FRUIT:** round shape, light red colour
- ✓ **RIPENING TIME:** 1 June
- ✓ **POLLINATOR:** 71 02 CZ / Alleles S4-S6
- # **FEATURES:** high consistency, sweet flavor



ROYAL BAILEY - cov

Sun Patent nr. 10/2860. By license of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** medium and made uniform fruit
- ✓ **FLOWERING:** early, good entities
- ✓ **FRUIT:** large Calibre (30/32 mm), round shape, red colour
- ✓ **RIPENING TIME:** 1 June
- ✓ **POLLINATOR:** Samba®, Sweet Heart®
- # **FEATURES:** high firmness, sweet flavor

SANTINA

EU patent nr. 96/0180. By license of International Plant Selection

- ✓ **VIGOUR:** medium, semi-upright, early bearing
- ✓ **PRODUCTIVITY:** quick to fruit
- ✓ **FLOWERING:** intermediate
- ✓ **FRUIT:** reniform, big size (24/26 mm), sweet taste (14°brix), slightly acid, high firmness, tolerant to cracking
- ✓ **RIPENING TIME:** +8/10 gg Burlat
- ✓ **POLLINATOR:** self-fertile
- # **FEATURES:** good taste (14° brix), good consistency



ROSIE - 5699 CZ

EU Patent nr. 10/2863. By license of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** medium and made uniform fruit
- ✓ **FLOWERING:** intermediate
- ✓ **FRUIT:** medium Calibre (28 mm), round shape, pink-yellow colour
- ✓ **RIPENING TIME:** 4 June
- ✓ **POLLINATOR:** Sweethearth®
- # **FEATURES:** high firmness, good flavor



NIMBA

EU Patent nr. 2013/2745. By license of Cot International

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** - 3/5 days Burlat
- ✓ **FRUIT:** high Calibre (28/30 mm). reniform. Uniform red colour
- ✓ **RIPENING TIME:** - 5 days Burlat
- ✓ **POLLINATOR:** alleles S2 S3, compatible with Red Pacific
- # **FEATURES:** good texture and sugar (16 ° Brix). Good conservation. Very productive and early variety, good gustative qualities



RED PACIFIC

EU Patent nr. 2013/2746. By license of Cot International

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** - 3/5 days Burlat
- ✓ **FRUIT:** large (28/30 mm), round shape, intense dark red colour
- ✓ **RIPENING TIME:** + 6 days Burlat
- ✓ **POLLINATOR:** self-fertile varieties. You can be improved with Nimba
- # **FEATURES:** good the consistency and sugar (18 ° Brix). Excellent conservation. Very productive and early variety, good gustative qualities





ROCKET - cov

License Cot International

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** + 2 days Burlat
- ✓ **FRUIT:** very high Calibre (30/32 mm), reniform, intense vermillion red colour
- ✓ **RIPENING TIME:** +5 days Burlat
- ✓ **POLLINATOR:** Giant Red, Frisco, Santana, Burlat, Chelan
- # **FEATURES:** good texture and sugar (18/19 ° Brix). Excellent preservation



FRISCO - cov

License Cot International

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** + 1 day Burlat
- ✓ **FRUIT:** High Calibre (28/30 mm), reniform, vermillion red colour
- ✓ **RIPENING TIME:** +10 days Burlat
- ✓ **POLLINATOR:** partially self-fertile, Giant Red, Rocket, Santana, earlise, Brooks, Chelan
- # **FEATURES:** good texture and sugar (19 ° Brix), excellent organoleptic qualities. Early and very productive variety



SABRINA® SUMN 314 CH

EU Patent nr. 2005/2691 progress. By license of International Plant Selection

- ✓ **VIGOUR:** good vigour, semi-upright habit
- ✓ **PRODUCTIVITY:** quick to fruit
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** reniform shape with medium/short stalk, 28 mm size, 4/5 in colour at harvest time, excellent taste fruit, sweet and sugar, high consistency and resistance to cracking
- ✓ **RIPENING TIME:** +10 days Burlat
- ✓ **POLLINATOR:** self-fertile
- # **FEATURES:** excellent taste qualities, good texture, resistant to cracking. It's a very interesting cherry for its ripening period and resistance to cracking



FIRM RED® MARIM

EU patent nr. 96/0107. Licensed by INNOVAR S.A.R.L.

- ✓ **VIGOUR:** good, semi-erect type of growth
- ✓ **PRODUCTIVITY:** high and constant. Quick to fruit
- ✓ **FLOWERING:** same period as B. Burlat, high numbers
- ✓ **FRUIT:** high Calibre (28-32 mm), reniform shape, vermillion red in colour, high consistency, excellent gustative features, high resistance to cracking
- ✓ **RIPENING TIME:** 8/10 June
- ✓ **POLLINATOR:** Giant Red® Mariant*, B. Burlat
- # **FEATURES:** this is a very interesting cherry for its numerous qualities: high consistency, high resistance to cracking, regular, high production. Calibre of up to 32 mm

ROYAL TIOGA - cov

EU Patent in progress. By license of International Plant Selection S.a.r.l.

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** very good
- ✓ **FLOWERING:** very early, low chilling
- ✓ **FRUIT:** large size (28-30mm), round shaped, light red color.
- ✓ **RIPENING TIME:** very early, Burlat time
- ✓ **POLLINATOR:** self-fertile
- # **FEATURES:** varomatic and sweet fruit, even at early harvesting.



SAMBA® SUMSTE

EU patent nr.1650. By license of International Plant Selection

- ✓ **VIGOUR:** good, semi-upright. Good bearing
- ✓ **PRODUCTIVITY:** quick to fruit. Keeps well on tree, long shelf-life. Compatible with all rootstocks
- ✓ **FLOWERING:** intermediate
- ✓ **FRUIT:** reniform, big size (26/30 mm), maximum in fruit quality (15/16°brix) when harvested black, good firmness, cracking resistant, harvesting in 1or 2 times
- ✓ **RIPENING TIME:** +2 days Van
- ✓ **POLLINATOR:** Sweetheart®, Folter Cov
- # **FEATURES:** very interesting cherry for regular production, resistance to cracking and adaptability to all production areas.



SATIN® SUMELE

EU patent nr.12025. Licensed by International Plant Selection

- ✓ **VIGOUR:** medium, semi-upright. Early bearing
- ✓ **PRODUCTIVITY:** keeps well on tree, long shelf-life. It is recommended the use medium or vigorous rootstocks
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** reniform with medium stalk, big size (28/30 mm), good taste (15/16°brix), very good firmness, highly tolerant to cracking
- ✓ **RIPENING TIME:** +2/3 days Summit
- ✓ **POLLINATOR:** Burlat, Sabrina®
- # **FEATURES:** bsize, firmness, production and tolerance to cracking make this variety a "must" for this season



STARBLUSH® SPC 207

EU Patent in progress. By license of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** medium and made uniform fruit
- ✓ **FLOWERING:** medium, good entities
- ✓ **FRUIT:** big size (30 mm), heart-shaped, yellow and pink colour
- ✓ **RIPENING TIME:** 13 June
- ✓ **POLLINATOR:** self-fertile
- # **FEATURES:** high firmness, good flavor





KORDIA - ATTIKA®

Eu patent nr. 5952. licensed by research institute for fruit growing and breeding di holovousy

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** medium, it fruits uniform
- ✓ **FLOWERING:** good in medium period
- ✓ **FRUIT:** medium Calibre (28-32 mm), reniform shape, dark red colour
- ✓ **RIPENING TIME:** 15/25 June
- ✓ **POLLINATOR:** Regina, Van
- # **FEATURES:** high consistency, good gustative features.



SOFIA® SPC 106

EU Patent nr. 08/2858 in progress. By license of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** medium and made uniform fruit
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** large Calibre (28 mm), heart-shaped, bright red colour
- ✓ **RIPENING TIME:** 18 June
- ✓ **POLLINATOR:** self-fertile.
- # **FEATURES:** high firmness, good flavor.



STARDUST® 13N0770

EU Patent nr. 10/2856 progress. By license of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** medium and made uniform fruit
- ✓ **FLOWERING:** late, good entities
- ✓ **FRUIT:** large Calibre (28 mm), heart-shaped shape, yellow and pink colour
- ✓ **RIPENING TIME:** 19 June
- ✓ **POLLINATOR:** self-fertile
- # **FEATURES:** high firmness, good flavor.



SKEENA® - cov

EU patent n°16176. By license of International Plant Selection

- ✓ **VIGOUR:** good, semi-upright with open branches
- ✓ **PRODUCTIVITY:** keep well on tree; good shelf-life. Compatible with all rootstocks
- ✓ **FLOWERING:** late
- ✓ **FRUIT:** reniform, medium stalk, big size (28/30 mm), good taste (16/17°brix), very good firmness, cracking-resistant
- ✓ **RIPENING TIME:** +10/12 gg Van
- ✓ **POLLINATOR:** self-fertile
- # **FEATURES:** suitable for all production areas, thank to late flowering



REGINA

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** very good
- ✓ **FLOWERING:** late
- ✓ **FRUIT:** big caliber (28-30mm), round shaped, light red colour
- ✓ **RIPENING TIME:** late, +30 Burlat
- ✓ **POLLINATOR:** self-fertile
- # **FEATURES:** excellent gustative qualities (14/16 ° brix), of good consistency, resistance to cracking.

ROYAL EDIE - cov

EU Patent in progress. By license of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** medium and made uniform fruit
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** large Calibre (28/30 mm), round shape, light red colour
- ✓ **RIPENING TIME:** 20 June
- ✓ **POLLINATOR:** self-fertile
- # **FEATURES:** high firmness, sweet flavor



ROYAL HELEN - cov

EU Patent in progress. By license of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** medium and made uniform fruit
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** large Calibre (30 mm), round, light red colour
- ✓ **RIPENING TIME:** 20 June
- ✓ **POLLINATOR:** self-fertile
- # **FEATURES:** high firmness, good flavor



FOLDER

Breeder INRA, by license of Cep Innovation licensed holder

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** good
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** big caliber (26-30mm), light red colour, average weight 12-13 gr.
- ✓ **RIPENING TIME:** +8/12gg Burlat
- ✓ **POLLINATOR:** Earlise® Rivedel, Primulat® Ferprime, Bellise® Bedel, Ferdouce
- # **FEATURES:** red flesh, sweet and juicy, medium consistency.



FERTARD

Breeder INRA, by license of Cep Innovation licensed holder

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** medium
- ✓ **FLOWERING:** late
- ✓ **FRUIT:** good caliber, dark red skin.
- ✓ **RIPENING TIME:** +35/40 Burlat
- # **FEATURES:** very firm, crunchy, sweet flesh; long peduncle.





STARLETTA® 13N739

EU Patent in progress. By license of International Plant Selection

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** medium and made uniform fruit
- ✓ **FLOWERING:** late, good entities
- ✓ **FRUIT:** medium Calibre (26/28 mm), heart-shaped, yellow and pink colour
- ✓ **RIPENING TIME:** 21 June
- ✓ **POLLINATOR:** self-fertile
- # **FEATURES:** high firmness, very sweet



SWEETHEART® SUMTARE

EU patent nr. 1652. Licensed by International Plant Selection.

- ✓ **VIGOUR:** medium semi-upright. Early bearing
- ✓ **PRODUCTIVITY:** Keep well on tree; long shelf-life. An important pruning on adult tree allows to keep a regular size
- ✓ **FLOWERING:** intermediate
- ✓ **FRUIT:** round shape, good size (24/28 mm) for the period, good taste (14/16°brix), good firmness, could be sensitive to cracking
- ✓ **RIPENING TIME:** +17/19 days Van
- ✓ **POLLINATOR:** self-fertile
- # **FEATURES:** Excellent late variety

Rootstocks for Sweet Cherry

MAXMA DELBARD 14

MAXMA DELBARD 14 Brokforest® Licensed by DELBARD INTERNATIONAL

Rootstock with low vigour, semi-dwarfing, compatible with all varieties. Results in quickness to fruit and good productivity. Adapts to different soil conditions, shows good resistance to chlorosis and bacterial cancer.

MAXMA DELBARD 60

Broksec® Licensed by DELBARD INTERNATIONAL

Rootstock with medium vigour, compatible with all varieties. Results in higher productivity than Mazzard F12/1. Adapts to different soil conditions.

MAZZARD F12/1

Virus free

Clonal selection of Prunus avium obtained at East Malling; suited to moist, deep soils. Results in high vigour and has a good affinity with the most common cultivars.

SL 64

Virus free

Clonal selection of Prunus mahaleb obtained by INRA (France). Adapts to loose, poor and even skeleton-rich soils, as long as they are not asphyxial and heavy. Has a positive influence on the quality and productive efficiency. Reduces vigour by 20-30% compared to the Franc seedling rootstock.

CAB 6P - CAB 11E

Virus free

Selections of the D.C.A. of the University of Bologna obtained from Prunus cerasus. Resulting in 20-30% less vegetative vigour than the Franc seedling rootstock. Adapt well to compact soils and are sensitive to water shortages. Good affinity with the main cultivars.

WEIGI 1

Licensed by Peter Stoppel. Certificate Virus-free

It's vigour is compatible with Gisela5®; It's more resistant to dry climates than similar rootstocks. It's ideal for intensive cultivation of cherry in Central Europe.

WEIGI 2

Licensed by Peter Stoppel. Certificate Virus-free

It's vigour is compatible with Gisela5®; It's more resistant to dry climates than similar rootstocks. It's ideal for intensive cultivation of cherry in Central Europe.

WEIGI 3

Licensed by Peter Stoppel. Certificate Virus-free

It's vigour is 30% lower compared to Prunus avium, suitable for dry climates and ideal for replanting and non-irrigated land. It is more productivity than rootstocks with similar vigour.

The ripening dates are determinate in Emilia Romagna (Italy) and are intended as a general guide and depend on the season and climate





ACCO

- ✓ **ORIGIN:** variety originating in Israel
- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high
- ✓ **FRUIT:** high Calibre, round shape, the skin is red with a yellow blush, cracking resistant
- ✓ **RIPENING TIME:** August/September
- # **FEATURES:** arils are very sweet and pleasant



G2

- ✓ **ORIGIN:** variety originating in Tunisia and selected in the Gabes region
- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high
- ✓ **FRUIT:** high Calibre, round shape, the skin is red with a yellow blush
- ✓ **RIPENING TIME:** the beginning of October
- # **FEATURES:** arils are very sweet



WONDERFUL

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high
- ✓ **FRUIT:** high Calibre, is crowned at the base by a very prominent calyx. The skin is deep red coloured
- ✓ **RIPENING TIME:** October
- # **FEATURES:** arils bitter-sweet and pleasant, cracking resistant. It is the most internationally known variety, the tree is very vigorous and productive



ANNABA

- ✓ **ORIGIN:** variety originated in Turkey
- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high
- ✓ **FRUIT:** high Calibre, round shape, the skin is red with a yellow blush.
- ✓ **RIPENING TIME:** the beginning of October
- # **FEATURES:** arils are very sweet

STANLEY

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** medium
- ✓ **FRUIT:** medium size, elongated shape, purple skin.
- ✓ **RIPENING TIME:** 25/30 August
- ✓ **POLLINATOR:** self-fertile
- # **FEATURES:** very productive variety, suitable for drying.



PRESIDENT

- ✓ **VIGOUR:** medium-high
- ✓ **PRODUCTIVITY:** high
- ✓ **FRUIT:** attractive fruits, large size (average weight 78 g), elongated shape. The skin is dark purple. The flesh is yellowish, consistent and with a good taste
- ✓ **RIPENING TIME:** first decade of September
- ✓ **POLLINATORS:** Stanley, Ruth Gerstetter, Grossa di Felisio.
- # **FEATURES:** use of the fruit for fresh consumption, preserves, syrups, distillates, jams, drying.



FRANZI®

EU Patent "Wei 1408". By Neumüller license.

- ✓ **ORIGIN:** bred by Dr. Michael Neumüller at Technical University of Munich and Bavarian Centre of Pomology and Fruit Breeding, Germany.
- ✓ **VIGOUR:** high with upright branches
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** medium to late
- ✓ **FRUIT:** excellent fruit size. The fruits are oval with a diameter between 36 and 48 mm. The skin is blue to blue-violet.
- ✓ **RIPENING TIME:** early, (mid-end of July)
- ✓ **POLLINATORS:** Stanley, President
- # **FEATURES:** the taste is exceptional. The fruit flesh is firm. Harvest time does not begin until the fruit flesh has become completely yellow.



MONI®

EU Patent "Wei 5319". By Neumüller license.

- ✓ **ORIGIN:** bred by Dr. Michael Neumüller at Technical University of Munich and Bavarian Centre of Pomology and Fruit Breeding, Germany.
- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** early-medium
- ✓ **FRUIT:** medium-sized fruits (36-40 g) with a diameter between 35 and 38 mm. The color is blue to dark blue. The shape is from oval to elliptical.
- ✓ **RIPENING TIME:** early-mid of August, can be kept on the tree over a long period of time without loss of firmness
- ✓ **POLLINATORS:** Stanley, President
- # **FEATURES:** full resistance to the Sharka disease. The fruits are sweet and highly aromatic. This makes them extraordinarily worthy of tasting and justifies the gourmet plum attribute. The fruit flesh is very attractive due to its dark orange color.





EARLIQUEEN® - cov

By license of International Plant Selection

- ✓ **VIGOUR:** high, semi-expansive type of growth
- ✓ **PRODUCTIVITY:** high and regular
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** good Calibre (50/55 mm), for the period, round and flat at the base. Yellow light flesh colour, with dark red/dark skin at the ripening
- ✓ **RIPENING TIME:** Red Beauty
- ✓ **POLLINATOR:** Black Diamond, Black Amber, Santa Rosa
- # **FEATURES:** very good firmness. Good gustative features (11°Brix). Excellent variety



SUPLUMTWENTYTWO - BLACK DIAMOND®

EU patent nr. 0545/07 progress. By license of Sun World International L.L.C

- ✓ **VIGOUR:** medium, requires pruning. Expansive type of growth
- ✓ **PRODUCTIVITY:** high and regular
- ✓ **FRUIT:** good Calibre 55 mm, round, flat. Deep red uniform, flesh colour, with tender, adherent and fine texture, the skin is dark red. The flavor is juicy and slightly sweet (13/14°brix), good taste
- ✓ **RIPENING TIME:** 1/10 June
- ✓ **POLLINATOR:** with Suplumtweentyeight e Suplumeleven
- # **FEATURES:** early variety that ripens in the first of Jun in the south of Italy. Keeps well on the tree.



BLACK SPLENDOR

EU patent nr. 1332 IT. By license of USDA

- ✓ **VIGOUR:** medium. Expansive type of growth
- ✓ **PRODUCTIVITY:** good
- ✓ **FRUIT:** good Calibre (60/70 mm), round. Brilliant red flesh colour with tender and adherent texture
- ✓ **RIPENING TIME:** 1/10 June
- ✓ **POLLINATOR:** need pollinator
- # **FEATURES:** the flavor is juicy and sweet (16/17°brix) good taste. Low in acidity



SUPLUMTWENTYEIGHT - BLACK DIAMOND®

EU patent nr. 2073/07 progress. By license of Sun World International L.L.C.

- ✓ **VIGOUR:** medium, requires pruning. Expansive type of growth
- ✓ **PRODUCTIVITY:** high and regular
- ✓ **FRUIT:** good Calibre (60 mm) round, flat. Deep uniform pink/red flesh colour, with tender and fine texture
- ✓ **RIPENING TIME:** 1/7 July
- ✓ **POLLINATOR:** with Suplumtweentytwo, Suplumeleven e Suplumtweentythree
- # **FEATURES:** the flavor is juicy and sweet (16°brix), good taste. Medium/low in acidity. Medium-early variety that keeps well on the tree



TASTY SWEET

EU patent progress. By license of International Plant Selection S.a.r.l

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** high, quick to fruit
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** good Calibre (50-55 mm) round. The fruit is deep red with yellow flesh colour
- ✓ **RIPENING TIME:** 25/07 July – 07/08 August
- ✓ **POLLINATOR:** D2D6 alleles, Earliqueen
- # **FEATURES:** excellent flavor with a very attractive colour

HIROMI RED - cov

EU patent nr. 23140. By license of International Plant Selection

- ✓ **VIGOUR:** high, semi-expansive type of growth
- ✓ **PRODUCTIVITY:** high and regular
- ✓ **FLOWERING:** late
- ✓ **FRUIT:** good Calibre (55/60 mm), round and flat at the base. Yellow flesh colour, with pink/red coloured skin on light base.
- ✓ **RIPENING TIME:** 20 July/5 August
- ✓ **POLLINATOR:** Joanna Red, Angeleno®, Simka. Very good firmness
- # **FEATURES:** very good gustative features and fragrant (12° Brix). Excellent variety with beautiful colour



CRIMSON GLO - cov

EU patent nr. 25353. By license of International Plant Selection

- ✓ **VIGOUR:** high. Semi-expansive type of growth
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** partially early
- ✓ **FRUIT:** good Calibre (50/55 mm), round. The flesh and the skin is deep red, very good firmness
- ✓ **RIPENING TIME:** 25 July/7 August
- ✓ **POLLINATOR:** Fortune
- # **FEATURES:** good gustative features



JOANNA RED - cov

By license of International Plant Selection

- ✓ **VIGOUR:** high, semi-expansive type of growth
- ✓ **PRODUCTIVITY:** high and regular
- ✓ **FLOWERING:** late
- ✓ **FRUIT:** round and flat at the base, high Calibre (55/60 mm). From yellow to light yellow flesh colour with coloured skin on light base. Very good firmness
- ✓ **RIPENING TIME:** 25 August/5 September
- ✓ **POLLINATOR:** Hiromi Red, Songold, Simka
- # **FEATURES:** aromatic and good gustative features (13/14° Brix). Excellent late variety



LATE BLUE® ZAI 163 PR

EU Patent nr. 10/0362 in progress. By license of International Plant Selection

- ✓ **VIGOUR:** high, upright habit
- ✓ **PRODUCTIVITY:** high and regular
- ✓ **FLOWERING:** late
- ✓ **FRUIT:** the large size (55/65 mm), round and slightly cordiform purple red.
- ✓ **RIPENING TIME:** 10 September
- ✓ **POLLINATOR:** Angeleno, Fortune, Honey Star-cov e Moon Globe®
- # **FEATURES:** very pleasant taste and sweet. Late variety with great agronomic potential with an attractive and excellent fruit. Very good texture



OCTOBER SUN

Patent nr. 2028 IT. By license of Zanzi Fruitgrowing Equipment S.r.l.

- ✓ **VIGOUR:** high. Semi-expansive type of growth
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** medium-late
- ✓ **FRUIT:** very large Calibre (50/55 mm), round shape. The flesh and skin are red brilliant colored, very good firmness
- ✓ **RIPENING TIME:** 15 September
- ✓ **POLLINATOR:** Fortune
- # **FEATURES:** excellent good gustative features





MOON GLOBE® ZAIPUBO

EU Patent nr. 11.959 in progress. By license of International Plant Selection

- ✓ **VIGOUR:** high, upright habit
- ✓ **PRODUCTIVITY:** high and regular
- ✓ **FRUIT:** large size (55/65 mm), round and slightly cordiform, purple red colour. Very good texture, attractive fruit.
- ✓ **RIPENING TIME:** 10 September
- ✓ **POLLINATOR:** Angeleno, Fortune, Honey Star-cov e Moon Globe®
- # **FEATURES:** *very pleasant taste and sweet. Late variety with strong agronomic potential*



ANGELENO® SUPLUMSIX

EU patent n.1332 IT in progress. By license of Zanzi Fruitgrowing Equipment S.r.l

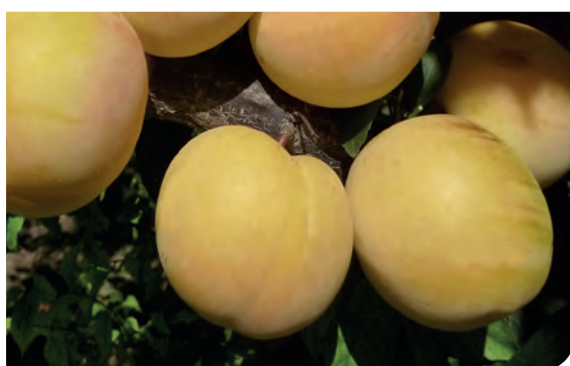
- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high, quick to fruit
- ✓ **FLOWERING:** medium-late
- ✓ **FRUIT:** very good firmness. Good gustative features and good resistance to preservation
- ✓ **RIPENING TIME:** 7/17 September
- ✓ **POLLINATOR:** Fortune, Golden Globe, Songold, Larry Ann, Mirabolano (Abeti)
- # **FEATURES:** *this is the most common cino-japanese plum in Italy and shows fairly good pomological characteristics, good-sized fruit and consistency in terms of organoleptics. Productivity is high and constant in the most suitable areas only*



HONEY STAR - cov

By license of International Plant Selection S.a.r.l

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** very high
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** round, size 50/55 mm, golden colour
- ✓ **RIPENING TIME:** about
- ✓ **POLLINATOR:** Crimson Glo-Cov, Honey Dawn-Cov
- # **FEATURES:** *very productive variety with excellent taste qualities*



GOLDEN GLOBE® ZAIROBE

EU Patent nr. 8390. By license of International Plant Selection

- ✓ **VIGOUR:** high, semi-upright habit
- ✓ **PRODUCTIVITY:** high
- ✓ **FRUIT:** large size (55-60 mm), round. Yellow, very good texture
- ✓ **RIPENING TIME:** 12 August
- ✓ **POLLINATOR:** Fortune
- # **FEATURES:** *very good flavor and aroma. It's a variety essential for the yellow plum gamma*



HONEY DAWN - cov

By license of International Plant Selection.

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** very high
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** round, size 50/55 mm, golden colour
- ✓ **RIPENING TIME:** about 29 July
- ✓ **POLLINATOR:** Crimson Glo-Cov, Honey Dawn-Cov
- # **FEATURES:** *Very productive variety with excellent taste qualities*



Rootstocks for Plums

MIRABOLANO 29C

Certified Virus Free. Selected in California (USA) by Gregory Bros. Nursery

The most tried and tested rootstock designed to replace seed mirabolanos, which are heterogeneous in terms of genetics and uncertain from a sanitary point of view. Adapts to compact, asphyxial soils and is tolerant of active limestone and dry conditions; results in high productive efficiency.

MARIANNA GF 8/1

Certified Virus Free. Hybrid of Prunus cerasifera x Prunus munsoniana obtained in France by INRA

Has affinity with the most common varieties, both Sino-Japanese and European, except for the «Regina Claudia» group. Adapts particularly well to pedological conditions, resists cold winter weather and results in high vigour.

GF 677

Certified Virus Free. Hybrid of Prunus persica x Prunus amygdalus obtained by INRA (France)

Adapts to the most difficult pedological conditions regarding both active limestone and water shortage.

ISHTARA® Ferciana*

Certified Virus Free Licensed by Su licenza C.A.V. AGRI OBTENTIONS
Complex hybrid of (Prunus cerasifera x Prunus salicina) x (Prunus cerasifera x Prunus persica) obtained at INRA (France). Gives trees a development similar to that induced by S. Giuliano A. Tolerates nematodes and has affinity with «Regina Claudia» group cultivars.

GARNEM® (GxN 15)

Certified Virus Free. By license of GESLIVE

Origin: Garfi x Nemared (P. amygdalus x P. persica). Red-leaf rootstock, gives the plant a vigour similar or superior to the GF677; shows good resistance to ferric chlorosis, is suitable for replanting and resistant to Meloidogyne type nematodes.

WEIWA®

Certified Virus free. Licensed by Technische Universität München (TUM), Institute of Fruit Science, D-85354 Freising (Germany)
Prunus domestica rootstock obtained from the cultivar 'Wangenheims'

(vegetatively propagated). This rootstock is very resistant to "apricot and plum decline" and is tolerant to phytoplasma disease. Trees grafted onto Weiwa® rootstock grow 20-30% less compared to Mirabolano 29C. It has great affinity with all apricots and plums. Weiwa® has a very positive impact on both cropping efficiency and fruit size. The rootstock is not suckering.

MIRARED

It belongs to the species P.cerasifera x P.davidiana. By licence of Nova srl.

The VIGOUR of the plant is about 10% less of the GF 677, the leaf is long-red colour and slightly elliptical. This rootstock can be used to: Prunus armeniaca L., Prunus cerasifera Ehrh., Prunus domestica L., Prunus persica (L.) Batsch, Prunus salicina. It is resistant to Nematodes and tolerant to 'Armillaria mellea.

MIRAGREEN®

It belongs to the species P.cerasifera x P.davidiana. By licence of Nova srl.

The VIGOUR of the plant is medium, the leaf is green, long and medium-elliptical. This rootstock can be used to: Prunus armeniaca, Prunus persica and Prunus domestica. It is resistant to Nematodes.

DOSPINA® 235

EU PATENT n. 017880234 (dated 15 August 2018) in progress. By Neumüller license

Prunus domestica x Prunus spinosa

ORIGIN: obtained by Dr. Michael Neumüller at the Technical University of Munich, Germany. Fully resistant to the Sharka virus by means of hypersensitivity resistance.

VIGOUR: medium (similar to 'Weiwa®'). Induces high yield and large fruits. Compatible with P. domestica and P. salicina. Good resistance to plum decline caused by Pseudomonas bacteria. Only few suckers. Tests of compatibility between peach trees and apricot trees are under evaluation. All PPV resistant plum varieties (e.g. 'Jojo', 'Moni®') must be grafted onto a hypersensitive rootstock such as Dospina® 235. For PPV sensitive varieties, this rootstock can be used as well in regions where PPV is not very widespread.



CARMEN

EU patent nr. 17843. Licensed by the Istituto Sperimentale per la Frutticoltura - Headquarters in Rome

- ✓ **VIGOUR:** medium-high, erect type of growth, precocious to fruit
- ✓ **PRODUCTIVITY:** good, constant
- ✓ **FLOWERING:** medium-late
- ✓ **FRUIT:** large size, bottle-shaped (like Kaiser), yellowy-green with red overcolour on 20-30% of the surface, fine flesh, juicy, fragrant and good gustative features.
- ✓ **RIPENING TIME:** 15/25 July
- ✓ **POLLINATOR:** William, Conference
- # **FEATURES:** A precocious cultivar that enters into fructification early and shows constant productivity



WILLIAM

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** good and constant
- ✓ **FRUIT:** medium or medium-large size, pyriform-shaped. Smooth skin, with yellow overcolour on 100% of the surface with sometime light red blush, fine flesh. With white, juicy, fragrant flesh and good gustative features
- ✓ **RIPENING TIME:** 1/7 August
- ✓ **POLLINATOR:** Conference, Kaiser
- # **FEATURES:** excellent gustative qualities, with white, juicy, fragrant flesh and good gustative features



ABATE FÊTEL

- ✓ **VIGOUR:** medium vigour
- ✓ **PRODUCTIVITY:** this self-rooted variety has gained the full success in calcareous soil
- ✓ **FRUIT:** large Calibre (200 g), with unmistakable long shape. With green-yellow, thin skin and very juicy, firm, sweet and aromatic flesh
- ✓ **RIPENING TIME:** 1/10 September
- ✓ **POLLINATOR:** William, Conference, Carmen
- # **FEATURES:** very juicy, firm, sweet and aromatic flesh



CONFERENCE

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high, quick to fruit
- ✓ **FRUIT:** sometimes irregular shape, medium or large Calibre, green skin with lenticels and rusty. White/cream flesh colour, very sweet and aromatic taste
- ✓ **RIPENING TIME:** 5/15 September
- ✓ **POLLINATOR:** Kaiser, William
- # **FEATURES:** it's a variety with a very sweet and aromatic taste

KAISER



- ✓ **VIGOUR:** very good
- ✓ **PRODUCTIVITY:** good and constant
- ✓ **FRUIT:** large Calibre, with rusty skin, medium firm, sweet and aromatic flesh, with fine texture
- ✓ **RIPENING TIME:** 5/15 September
- ✓ **POLLINATOR:** Conference, Willian
- # **FEATURES:** *sweet and aromatic variety with fine texture*

COSCIA



- ✓ **VIGOUR:** very good
- ✓ **PRODUCTIVITY:** good and constant
- ✓ **FRUIT:** medium Calibre, fruits are very fragrant, sweet and aromatic flesh, with fine texture
- ✓ **RIPENING TIME:** 20 July
- ✓ **POLLINATOR:** William e Spadona di Castel Madama
- # **FEATURES:** *variety very interesting for its productivity, excellent organoleptic characteristics, suitable for southern growing environments*

Rootstocks for Pears

FAROLD® 40 (Daygon)*

Certified Virus Free Licensed by VIVAI CALDERONI STAR FRUITS

Obtained from the «Old Home» x «Farmingdale» cross in the USA. Suited to fertile, permeable, neutral or basic soils. Resistant to bacterial re blight (Erwinia amylovora) and tolerant of pear decline and the cold. A very important rootstock for the new pear cultivation, suited to medium and high density plantations. Creates slightly less vigour than the BA29 and is compatible with European pear cultivars.

FAROLD® 87 (Daytor)*

Certified virus free. By Star Fruits permission.

Certified virus free. By Star Fruits permission. Obtained from the crossing of Old Home X Farmigdale. Suitable for fertile soils, resistant to chlorosis and fire blight (Erwinia amylovora). Tolerant to "pear decline" and winter cold. The rootstock gives pear plants perfect homogeneity in growth. Vigour: as FAROLD®40

FAROLD® 69 (Daynir)*

Certified virus free. By Star Fruits permission.

Obtained from the «Old Home» x «Farmingdale» cross in the USA. Adapts to most Italian soils, with alluvial and autochthonous origins, except asphyxial and acid ones. Shows moderate tolerance of chlorosis and pear decline, resistant to bacterial re blight. Has a nity with all pear cultivars. The resulting vigour is similar to the BA29. Entry into production comes a little later than quince, with good production and good quality fruit.

The ripening dates are determinate in Emilia Romagna (Italy) and are intended as a general guide and depend on the season and climat.

Rootstocks for Apples

M9

Certified Virus free

Reclaimed clones of M9 (obtained at East Malling, UK, from Paradiso giallo di Metz in 1914). Characterized by weak anchorage, this is the most important rootstock for the new, intensive apple cultivation, suited to high density plantations in fertile, irrigated soils.

M9 T337

Certified Virus free

Slightly more vigorous than M9 compared to which it is less pol-liferous. Suitable for fertile, heavy and irrigated soils. Early production, very productive.

M9 Emla

Certified Virus free

Slightly more vigorous than M9 compared to which it is less pol-liferous. Suitable for fertile, heavy and irrigated soils. Early production, very productive.

M26

Certified Virus free

Obtained from a M16 x M9 cross at East Malling; suitable for medium-high density plantations, prefers irrigated, permeable soils. Better anchorage than M9.

M7

Certified Virus free

Obtained at East Malling from unknown parents. Adapts well to various types of soils and resists diseases of collar and roots.

MM106

Certified Virus free

Obtained from the Northern Spy x M1 cross (John Innes Institute - East Malling). Gives intermediate vigour, has good anchorage. To Vigorous for standard cultivars, it is suitable for habitus spur cultivars.

MM111

Certified Virus free

Obtained from the Northern Spy x Merton 793 cross. This is the most Vigorous rootstock available for apple trees, it is also suited to soils that are not irrigated and in particular to habitus spur cultivars.



HAYWARD K5

Origin of the selection: identified by G. Zuccherelli in 1985 in Gatteo (FC) on material from New Zealand. It's an Hayward clone that replaced the standard Hayward. K5 has been multiplied in vitro for over 35 years. Its diffusion is now generalized. The main differences from the standard Hayward are: more regular shape, cylindrical ellipsoidal round in cross section, slightly more elongated in vertical section, deeper apical nipple, longer petiole. **RIPENING TIME:** the fruit can be ready a week before Hayward. Some new commercially available Hayward clones (and others being tested in our fields) have been identified in Hayward K. plants.

Pollinator: P1 Vitroplant

HAYWARD K8

Clone 8 is a selection of Hayward made available to nurseries by the University of Udine in 1993. It has the characteristics of the Hayward cultivar: vigorous plant, late flowering, medium productivity, big size fruits (over 100 g), peel with bristly hairs, bright green flesh with numerous seeds (if well pollinated), very good organoleptic qualities, fruit suitable for long preservation. Characteristics of the clone compared to other selections: it mainly produces single fruits and is characterized by the absence of deformed fruits.

Pollinator: P1 Vitroplant

VIP RED®

EU PATENT 2017/2829. Vitroplant exclusive

Obtained thanks to our genetic improvement projects, in collaboration with the University of Bucharest. Medium fruit size (15-20 gr). In ideal climatic conditions the fruit is red with red flesh.

Vigour 20% lower than Hayward.

Chilling hours required are higher than other kiwi species. The variety is resistant to PSA and to difficult podoclimatic conditions. It is more suitable for cold temperate environments, with temperature changes that improve the red color and quality, close to the ripening time. It is in effect the Northern kiwi. Compared to Hayward, it sprouts 7 days earlier and reaches harvest maturity 40 days before. Fruit of cylindrical ovoid shape, with excellent organoleptic qualities. Good conservation in relation to the species. Selected pollinators: R9P16, R9P18 to be distributed in the plant 1:6

VIP GREEN®

EU PATENT 2017/2828. Vitroplant exclusive

Obtained from our genetic improvement projects, in collaboration with the University of Bucharest.

Rustic variety for the climate and the podological conditions. Resistant to PSA. It is to be considered the Northern kiwi. It can be grown throughout Central Europe and in the best environmental conditions even in Northern Europe.

30/40% less in strength than Hayward.

Sprouting 7/10 days less than Hayward.

Flowering: 15 days less than Hayward.

Harvest maturity: 40/50g less than Hayward.

Big fruit for the species, it can reach 35-40gr, green coloured, elongated cylindrical shape, in oval section.

Good conservation in relation to the species.

Selected pollinators: R9P16, R9P18 to be distributed in the plant 1:6



Rootstocks for Kiwifruits

D1 VITROPLANT®

Vitroplant exclusive

Obtained from a Vitroplant project and for now the first and only clonal rootstock used for Actinidia on an industrial scale. It has shown a good adaptation to the dry and compact limestone soils. It is an excellent rootstock for Hayward and Actinidia chinensis in the Southern environments which need from medium to low chilling hours.

VIP ZEDONE® Z1 VITROPLANT

EU Patent n. 2018/2148 (dated 16/08/2018) in progress. Vitroplant exclusive

Vitroplant interspecific hybrid. It has an excellent resistance to adverse pedoclimatic conditions. It has a medium vegetative vigour. It could be used for intensification of cultivation in high-density plantations. It has a good affinity with the species Actinidia deliciosa and chinensis. It is the most suitable rootstock for this species. The Z1 is resistant to PSA. It is currently under experimentation for the evaluation of its resistance to "Kiwi Moria", with good results.



VITROBLACK 1® Ophelia (exclusive Vitroplant)

EU patent nr. 2004/0488. By license of Vitroplant Italia S.r.l. Società Agricola

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** good
- ✓ **FLOWERING:** medium-early
- ✓ **FRUIT:** black seedless grape, with medium sized bunches, large grapes, oval shaped, firm, consistent, sweet, with good organoleptic qualities
- ✓ **HARVEST PERIOD:** 15/20 July
- # **FEATURES:** the most precocious black seedless grape



SUPERIOR SEEDLESS® SUGRAONE (exclusive Vitroplant)

EU patent nr. 1338 NV. By license of Sun World International L.L.C

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** very good
- ✓ **FLOWERING:** medium-early
- ✓ **FRUIT:** medium to large bunches, large grapes (20-22 mm), yellowy green in colour, firm, consistent, sweet (more than 16°Brix), acidulous, with excellent organoleptic qualities; keeps extremely well
- ✓ **HARVEST PERIOD:** Mid-July
- # **FEATURES:** the most well-known seedless variety in the world



RED GLOBE

By license of Olmo and Koyama, University of California, Davis

- ✓ **VIGOUR:** good
- ✓ **PRODUCTIVITY:** very good
- ✓ **FLOWERING:** medium
- ✓ **FRUIT:** large grape, spherical, rose-like in colour, conical-pyramidal bunch weighing between 700 g to 1000 g, wing-shaped, semi-tight, large. Medium sweet (14°Brix)
- ✓ **HARVEST PERIOD:** late
- # **FEATURES:** good vigour and productivity, good resistance to long transportation. Is required in international marketing for the late period of maturation too



CRIMSON SEEDLESS (exclusive Vitroplant)

Variety selected by researchers at the University of Fresno, California

- ✓ **VIGOUR:** high
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** late
- ✓ **FRUIT:** bunch from 400-500gr indicative weight, pyramidal-cylindrical shape, large, compact, large grapes, oblong shaped, seedless, rose coloured, crunchy, sweet flavor
- ✓ **HARVEST PERIOD:** late, IV period
- # **FEATURES:** very vigorous variety, normal cold tolerance. Good quality of the fruit

Rootstocks for Table Grapes

110 Richter Ampelos 2

Certified Virus free

Origin: Vitis berlandieri x Vitis riparia. Medium vigorous, suitable for hilly soils and dry soils.

1103 PAULSEN Ampelos 3

Virus free Vitroplant clones

Origin: Vitis berlandieri x Vitis rupestris. Very vigorous, suitable for hot, dry areas. Adapts to compact, and salty soils with low fertility.

140 RUGGERI Fedit 105 ESAVE

Virus free Vitroplant clones

Origin: Vitis berlandieri x Vitis rupestris. With high vigour, used in hot areas. Resistant to dry conditions and calcareous soils. Virus free Vitroplant clones.

Kober 5 BB- -Ampelos CNT

Virus free Vitroplant clones

Origin: Vitis berlandieri x Vitis riparia. Suitable for fresh areas. Due to its vigour it is better not to use it too fertile soil.

FREEDOM

Virus free Vitroplant clones

Origin: Solonis Othello x Dogridge. Very vigorous, resistant to nematodes (Xiphinema index).

RAMSEY

Virus free Vitroplant clones

Origin: Vitis ciampinii. Very vigorous, resistant to nematodes (Xiphinema index).

GOLIA Fedit 106 ESAVE

Virus free Vitroplant clones

Castel 15.612 x Rup Du Lot Pirovano. Very vigorous, suitable for dry and little calcareous soils.

The ripening dates are determinate in Emilia Romagna (Italy) and are intended as a general guide and depend on the season and climate.



EUROSCHERMI di Esposito Franco

Tel. + 39 0182 21624 / 335 250965 – email: euroschermi@gmail.com

Energy saving, solar reflection and black-out moving screen

Greenhouses and tunnel with different options of covering

such as: Glass, Sandwich panel, Ondex, Polycarbonate

Garden center and garden greenhouses. Laminated wood structures

A vast range of nets to resist atmospheric agents and sunlight

Mobile bench or static. Bench on wheels

Heating, Cooling and Irrigation system. Fertigation stations

Control units for climate control, irrigation and fertigation of greenhouses

Installations and maintenance (ordinary and extraordinary). Renovations





ARBEQUINA

- ✓ **VIGOUR:** medium-low
- ✓ **PRODUCTIVITY:** high
- ✓ **FLOWERING:** intermediate
- ✓ **FRUIT:** a good taste olive
- ✓ **RIPENING TIME:** medium
- ✓ **POLLINATORS:** self-fertile
- # **FEATURES:** *this is the most widely planted variety in the world. Very popular for high density planting and mechanical harvesting*



KORONEIKI

- ✓ **VIGOUR:** ridotta
- ✓ **PRODUCTIVITY:** high and regular, does not decrease over time
- ✓ **FLOWERING:** medium
- ✓ **FRUIT:** despite the small size of the fruit, the Koroneiki olive has a high content of oil which is appreciated for its organoleptic qualities and stability
- ✓ **RIPENING TIME:** medium-late
- ✓ **POLLINATORS:** self-fertile
- # **FEATURES:** *variety for high density planting and mechanical harvesting*



ARBOSANA

- ✓ **VIGOUR:** low
- ✓ **PRODUCTIVITY:** high efficiency in oil
- ✓ **FLOWERING:** epoca medium
- ✓ **FRUIT:** medium-size olives
- ✓ **RIPENING TIME:** late
- ✓ **POLLINATORS:** self-fertile
- # **FEATURES:** *variety for high density planting and mechanical harvesting*



CORATINA

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** good and medium vigour
- ✓ **FLOWERING:** medium
- ✓ **FRUIT:** medium-size, green colour olives and dark colour when ripe
- ✓ **RIPENING TIME:** medium-late
- ✓ **POLLINATORS:** CV Cellina di Nardo, Moraiolo
- # **FEATURES:** *Its fruity flavored oil is appreciated for its organoleptic qualities, it has an high content in polyphenols and it has a good stability*

LECCINO

- ✓ **VIGOUR:** medium-high
- ✓ **PRODUCTIVITY:** high and uniform
- ✓ **FLOWERING:** medium
- ✓ **FRUIT:** medium-size olives with quite a low fatty acid content. Low resistance to dropping.
- ✓ **RIPENING TIME:** medium
- ✓ **POLLINATORS:** Pendolino, Maurino, Frantoio
- # **FEATURES:** a strong, Vigorous variety. Appreciated for its early ripening period and its excellent resistance to cold temperature



PIANTONE DI MOGLIANO

- ✓ **VIGOUR:** low
- ✓ **PRODUCTIVITY:** high and constant
- ✓ **FLOWERING:** early to medium
- ✓ **FRUIT:** medium-large size (2.5/3 g) with an ovoid shape, umbonate apex, with a color ranging from light green to purplish red
- ✓ **RIPENING TIME:** late, from the end of October to the middle of November.
- ✓ **POLLINATORS:** variety partially self-fertile (with the help of pollinators as Piantone di Falerone, Maurino and Pendolino).
- # **FEATURES:** good resistance to cold and drought. Lightly fruity oil.



LECCIO DEL CORNO

By concession of Prof. Tonino Cioccolanti

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** high and constant
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** not very large (1,3/2,5 gr.), round-shaped, green colored
- ✓ **RIPENING TIME:** late
- ✓ **POLLINATORS:** Pendolino, Maurino, Piangente, Leccino, Frantoio and Moraiolo
- # **FEATURES:** fruits maintain a high resistance to detachment. Medium-fruity oil of good quality, slightly spicy.



"By concession of Prof. Tonino Cioccolanti".

MAURINO

- ✓ **VIGOUR:** medium
- ✓ **PRODUCTIVITY:** good
- ✓ **FLOWERING:** early
- ✓ **FRUIT:** fruit weight is between 1.5 and 2.5 gr. It has an elliptical shape and purple color.
- ✓ **RIPENING TIME:** early to medium
- ✓ **POLLINATORS:** Lazzero, Grappolo and Gremignolo di Bolgheri.
- # **FEATURES:** fruity oil, very delicate.





APOLLO® Zuone (exclusive Vitroplant)

EU patent nr. 13797/2004. Licensed by Vitroplant Italia S.r.l. Società Agricola

- ✓ **ORIGIN:** guided cross Castellammare C4 x Salanquette
- ✓ **HEAD:** large, globular shape, intense purple colour with greenish iridescence when harvest, compact, thick pulpy bracts.
- ✓ **VEGETATIVE VIGOUR:** medium-high
- ✓ **PRODUCTION:** medium/high
- ✓ **HARVEST PERIOD:** a few days after Romanesco C3 (in central/southern Italy)
- # **FEATURES:** resists cold well. this is a typical Romanesco artichoke, attractive, tightly closed, compact with an appealing intense bluish colour, as requested in Rome



EXPLOTER® Papuan (exclusive Vitroplant)

EU patent nr. 13796/2004. Licensed by Vitroplant Italia S.r.l. Società Agricola

- ✓ **ORIGIN:** guided cross (Castellammare x Purpleto di Toscana) x Terom
- ✓ **HEAD:** large, oval shape, purple colour with greenish streaks, very compact, many bracts
- ✓ **VEGETATIVE VIGOUR:** high
- ✓ **PRODUCTION:** exceptional
- ✓ **HARVEST PERIOD:** a few days after Romanesco C3 (in central/southern Italy)
- # **FEATURES:** this is an international type artichoke with an exceptional productive potential and exclusive, original characteristics. Its production rate is in fact three times greater than the typical traditional varieties Romanesco C3 and Terom. Requires a low amount of cold during the winter.



ROMANESCO C3A PLUS (Vitroplant clone)

Selection of Castellammare obtained at Vitroplant.

- ✓ **ORIGIN:** Castellammare selection obtained at Vitroplant
- ✓ **HEAD:** large, flattened globular shape with a characteristic hollow, intense purple colour, compact, thick pulpy bracts
- ✓ **VEGETATIVE VIGOUR:** medium
- ✓ **PRODUCTION:** medium
- ✓ **HARVEST PERIOD:** early (central/southern Italy)
- # **FEATURES:** the specific phenotypical features and vegetative behaviour of the C3 are unstable and influenced by environmental and agronomic stress



LIFE® (ATIV) (exclusive Vitroplant)

EU Patent n. 0000002380. Licensed by Vitroplant Italia S.r.l. Soc. Agr.

- ✓ **ORIGIN:** Castellammare x Solanquette, controlled cross carried out at Vitroplant in 1990
- ✓ **HEAD:** similar type to Romanesco, good-size, distinct colour with a green base and purplish red overcolour, compact, high weight; excellent organoleptic characteristics
- ✓ **VEGETATIVE VIGOUR:** medium-high, more than C3, with a very long stem
- ✓ **PRODUCTION:** 10-12 heads (on average)
- ✓ **HARVEST PERIOD:** 2/3 weeks after Romanesco C3
- # **FEATURES:** this variety requires quite a high number of cold hours to show its productive and qualitative characteristics to the best. It may be considered as a Romanesco type artichoke suited to central and northern areas



ARES®

EU Patent nr. 2015/2965 del 07/12/2015. Obtained from a project of Vitroplant Italia srl Soc. Agr

- ✓ **ORIGIN:** It's a cross between Selection (Vitroplant 80) x Romanesco C3, resurfaced after repeated tests in extreme conditions (snow, frost) in an experimental trial promoted by Vitroplant and staged in Azienda Agricola Micozzi
- ✓ **HEAD:** globe-shaped, purple colour, tightened bracts excavated in the apex V and slightly discolored
- ✓ **VEGETATIVE VIGOUR:** high in comparison with the C3
- ✓ **HARVEST PERIOD:** early, from 8 to 15 days before the C3
- # **FEATURES:** variety characterized by a high resistance to biotic and environmental stress

TONDA GENTILE

(*Corylus avellana* L.)

- ✓ **ORIGIN:** Piemonte Region of Italy
- ✓ **TREE:** with medium VIGOUR, semi-expansive type of growth and good productivity
- ✓ **FRUIT:** the seed is round, ivory coloured with an average size, high yieldshelled (46-48%)
- ✓ **RIPENING TIME:** in the late August
- ✓ **POLLINATORS:** the variety is self-sterile and requires the presence of the 10% of pollinators (Tonda Romana or Pauetet or Daria)
- # **FEATURES:** the flavor and aroma are fine and make this variety much sought for the confectionery industry

TONDA GENTILE CLONI UNIT0-AD17, PD6, MT5, MT4

(*Corylus avellana* L.) Exclusively produced "in vitro" by Vitroplant.

- # **FEATURES:** the clones derived from plants identified in the typical areas of production of Tonda Gentile delle Langhe and they are been selected by the University of Turin (Italy) for productivity and quality of hazelnut through an experimental test

TONDA DI GIFFONI

(*Corylus avellana* L.)

- ✓ **ORIGIN:** Campania Region of Italy
- ✓ **TREE:** medium vigour, high productivity
- ✓ **FRUIT:** the seed is round average, high yield shelled (46%). It has high and constant productivity in all areas
- ✓ **RIPENING TIME:** early September
- ✓ **POLLINATORS:** Tonda Gentile Romana
- # **FEATURES:** very interesting variety for its quick fruiting. White pulp, consistent, with an aromatic flavor. Due to its valuable features it is also suitable for industrial processing.

TONDA ROMANA

(*Corylus avellana* L.)

- ✓ **ORIGIN:** it is the most common variety in the Lazio Region of Italy
- ✓ **TREE:** shaft medium bearing, medium vigour
- ✓ **FRUIT:** medium Calibre round seed, high shelling performance (45%)
- ✓ **RIPENING TIME:** the end of September
- ✓ **POLLINATORS:** Nocchione, Tonda di Giffoni, Mortarella
- # **FEATURES:** the seed has good organoleptic characteristics but it presents the only defect of the not complete removal from the film during the toasting

CORABEL® Fercoril

By license of Agri Obtentions S.A.

- ✓ **ORIGIN:** France
- ✓ **TREE:** TREE: very vigorous
- ✓ **FRUIT:** high yielded shelled till 45%
- ✓ **RIPENING TIME:** late (2nd decade of September)
- ✓ **POLLINATORS:** Merveille de Bollwiller
- # **FEATURES:** good table variety





MERVELLE DE BOLLWILLER

- ✓ **VARIETY:** German variety, very vigorous tree Yelded shelled 38-40%
- ✓ **RIPENING TIME:** late
- ✓ **POLLINATORS:** Jemtegaard 5, Corabel.

FERTILE DE COUTARD (o BARCELONA)

- ✓ **VARIETY:** French variety, very vigorous tree Yelded shelled 40-42%.
- ✓ **RIPENING TIME:** late
- ✓ **POLLINATORS:** Segorbe. Butler and Pauetet, Merveille de Bollwiller, Jemtegaard 5 and Corabel

FERWILLER

An INRA/ANPN creation (1980) resulting from a cross between Merveille de Bollwiller and Tonda Romana, used for the industry, but also as a pollinator for late-blooming hazelnuts such as Butler, Ennis and Corabel. Quick fruiting, late ripening, low susceptibility to mites.

BUTLER

- ✓ **VARIETY:** American variety, very vigorous tree, medium ripening time. Yelded shelled till 45%
- ✓ **POLLINATORS:** Merveille de Bollwiller.
- # **FEATURES:** *it is a good pollinator of Fertile de Coutard and Pauetet.*

LEWIS

- ✓ **VARIETY:** American variety, very vigorous tree, early ripening time. Yelded shelled 44-48%
- ✓ **RIPENING TIME:** late
- ✓ **POLLINATORS:** Pauetet, Merveille de Bollwiller
- # **FEATURES:** *excellent variety for the industry, very productive.*

NOCCHIONE

- ✓ **ORIGIN:** Italy
- ✓ **TREE:** vigour medium-high
- ✓ **FRUITS:** the seed is medium. Yelded shelled 38-40%
- ✓ **RIPENING TIME:** intermediate
- ✓ **POLLINATORS:** Tonda Gentile Romana and Tonda di Giffoni.

ENNIS

- ✓ **VARIETY:** American variety, tree with medium vigour, fruit with an elongated-oval shape, of average size. Yelded Shelled 41-46%
- ✓ **RIPENING TIME:** first decade of September
- ✓ **POLLINATORS:** Cosford, Fertile from Nottingham and Geant de Halle.

SEGORBE

- ✓ **VARIETY:** French variety, very vigorous tree, late ripening time. Yelded Shelled 40-43%
- ✓ **POLLINATORS:** Ennis, Butler, Pauetet, Merveille de Bollwiller, Jemtegaard 5 and Corabel.
- # **FEATURES:** very productive

PAUETET

- ✓ **VARIETY:** Spanish variety, very vigorous tree. Yelded shelled till 48%
- ✓ **POLLINATORS:** Segorbe, Tonda di Giffoni, Butler and Ennis, Jemtegaard 5, Merveille de Bollwiller and Corabe.
- # **FEATURES:** very productive cultivar

JEMTEGAARD 5

- ✓ **VARIETY:** American variety, very vigorous tree, late ripening. High yelded shelled yield till 49%
- # **FEATURES:** very productive cultivar.



Rootstocks for Hazelnuts

CORYLUS COLUMNNA

Variety native to South-Eastern Europe, particularly common in the Balkans. Characterized by the absence of suckers. Very vigorous. Our clones ensure a genetical uniformity that is not possible to guarantee with rootstocks obtained by seed.

Vitroplant has the technology to produce self-rooted almond plants



TUONO (*Prunus dulcis*)

- ✓ **ORIGIN:** Puglia Region of Italy
- ✓ **TREE:** medium-precociousness ripening, low vigour with expansive type of growth, fructification borne on bunches only and with high productivity
- ✓ **FLOWERING:** late, self-fertile variety with high productivity
- ✓ **FRUIT:** medium sized, elongated elliptical shape. The shell is rough with large pores
- # **FEATURES:** good taste. It could produce a high number of double-seeded fruit, which decreases the value

MARINADA (*Prunus dulcis*)

By license of Almeriplant Almeria

- ✓ **VARIETY:** characterized by high productivity, quick to fruit. It's a self-fertile variety. To foster cross-pollination, it may be combined with Tarraco, both are quick to fruit and with medium
- # **FEATURES:** the fruit is very good and heart-shaped

VAIRO (*Prunus dulcis*)

By license of Almeriplant Almeria

- ✓ **VARIETY:** with a very excellent production and intensive fruiting and vigour, self-fertile variety. Tree easy to train and prune. Good fruit and heart-shaped
- # **FEATURES:** to facilitate cross-pollination, it may be combined with Constanti, Glorieta, Francolí, Guara, etc.

INDEPENDENCE® (*Prunus dulcis*)

By license of International Plant Selection S.a.r.l.

- ✓ **ORIGIN:** California
- ✓ **TREE:** vigorous
- ✓ **FLOWERING:** as Nonpareil
- ✓ **FRUIT:** soft shell. Medium-big size fruits, high quality, light color, sweet flavor
- ✓ **RIPENING TIME:** third decade of August
- ✓ **POLLINATOR:** self-fertile
- # **FEATURES:** heavy and constant production

LAURANNE® AVIJOR (*Prunus dulcis*)

Licensed by INRA. By license of Cep Innovation "France"

- ✓ **TREE:** vigorous
- ✓ **FLOWERING:** late
- ✓ **FRUIT:** very attractive almond, average yield 35-40%
- ✓ **RIPENING TIME:** first week of September
- ✓ **PRODUCTIVITY:** medium
- ✓ **POLLINATOR:** self-fertile



MAKAKO®

By license of CSIC

- ✓ **TREE:** vigorous
- ✓ **PRODUCTIVITY:** very high
- ✓ **FRUIT:** fruit weight: 1.2 g. Yelded shelled till 33%
- # **FEATURES:** self-fertile, early ripening time; late flowering time

PENTA®

By license of CSIC

- ✓ **TREE:** medium vigour
- ✓ **PRODUCTIVITY:** very high
- ✓ **FRUIT:** average fruit weight: 1.0 g. Average Yelded shelled 30%
- # **FEATURES:** self-fertile, early ripening time, and very late flowering time.



Rootstocks for Almonds

GF 677

*Virus Free. Hybrid of *Prunus persica* x *Prunus amygdalus* obtained by INRA (France)*

Used in particularly calcareous soils. Akin to all cultivars, enhances the quality and size of the fruit. Creates a precocious and profuse entry into production both in dry and irrigated cultivations.

GARNEM® (GxN 15)

*Certified Virus Free. By license of GESLIVE. Origin: Garfi x Nemared (*P. amygdalus* x *P. persica*)*

Red-leaf rootstock, gives the plant similar or superior vigour to the GF677; shows good resistance to ferric chlorosis, is suitable for replanting and resistant to Meloidogyne type nematodes.





CHANDLER

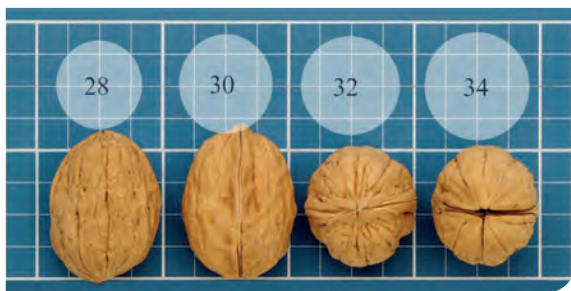
- ✓ **ORIGIN:** variety selected by the University of California (Davis) in 1979
- ✓ **PRODUCTIVITY:** high, 80/90% of fructification is lateral. Medium/high vigour tree
- ✓ **FRUIT:** large and light in colour
- ✓ **RIPENING PERIOD:** quite late (zone of reference California)
- ✓ **POLLINATORS:** Franquette, Fernette o Cisco
- # **FEATURES:** low sensitivity to bacteriosis



Pictures by: Cozzolino Fornaciari - CRPV

FRANQUETTE

- ✓ **ORIGIN:** French cultivar
- ✓ **PRODUCTIVITY:** tree with a semi-erect type of growth, low vigour, late vegetative resumption, late male
- ✓ **FRUIT:** medium-sized, medium weight, elongated trapezoidal shape. Rough shell surface, perfect closure, medium thickness, averagely easy to break with a light brown kernel
- ✓ **RIPENING PERIOD:** late (zone of reference California)
- ✓ **POLLINATORS:** Fernor, Fernette, Hartley
- # **FEATURES:** low susceptibility to the bacterium. Resistant to drought



Pictures by: Cozzolino Fornaciari - CRPV

HOWARD

- ✓ **ORIGIN:** USA
- ✓ **PRODUCTIVITY:** good
- ✓ **FRUIT:** weight 13-15 gr, oblong in shape, large in size, clear shell color. The walnut is round, rather smooth.
- ✓ **RIPENING PERIOD:** -7/10 Chandler
- ✓ **POLLINATORS:** Variety not self-fertile, the recommended pollinator is Franquette
- # **FEATURES:** lateral fruiting, this variety is not very susceptible to bacteriosis and anthracnose. Very productive, of medium vigour.

Rootstocks for Walnut

VLACH

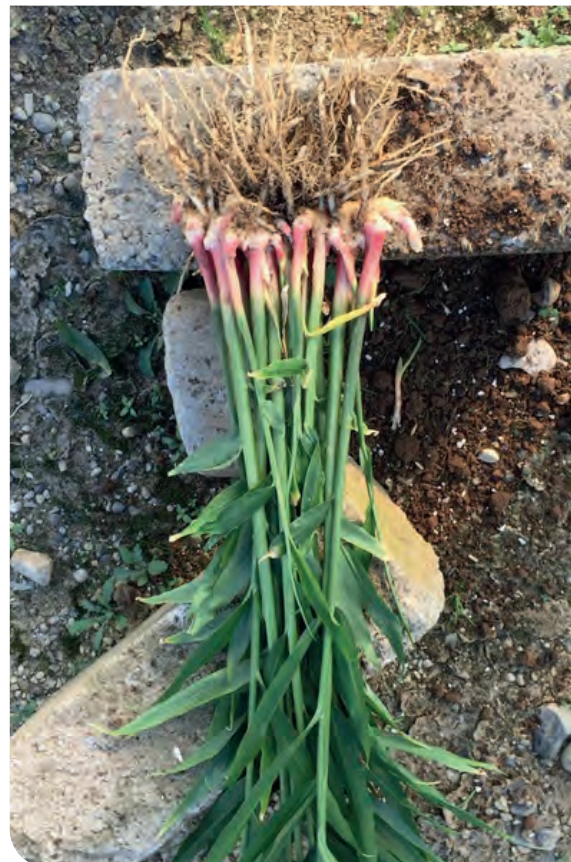
It is a clonal selection of Paradox. Due to its high vigor, it is less susceptible to damage caused by nematodes and the most common root pathogens.

GINGER VITROPLANT

Zingiber officinale

✓ ORIGIN: Italy

It is a herbaceous plant with a rhizome that develops horizontally just below the ground level. From the rhizome depart erect stems, with persistent lanceolate leaves. What is normally consumed is the fresh rhizome. Annual plant. Harvesting time: autumn.



MARTIGNANI

SMART
SOLUTIONS
for a
MODERN &
ECO-FRIENDLY
FARMING



SOLUZIONI
INTELLIGENTI
per una
AGRICOLTURA
MODERNA ED
ECO-SOSTENIBILE

www.martignani.com

MARTIGNANI SRL
Via Fermi, 63 - Zona Industriale Lugo 1
48020, S. Agata sul Santerno (RA) Italy
Tel. (+39) 0545 230 77
Fax (+39) 0545 306 64
martignani@martignani.com

MARTIGNANI
1958 - 2018

ELECTROSTATIC
AGRO SPRAY SYSTEM



EARLY CULTIVAR

American giant blueberry.

DUKE: Bush of high vigour, with well distributed fruits in the foliage, easy to collect. Fruits of medium size, consistent, with good organoleptic characteristics. High chilling.

MISTY: A vigorous and very productive plant. The fruit is medium in size, light and compact in color. Low chilling

INTERMEDIATE CULTIVAR

American giant blueberry

BRIGITTA: Vigorous plant. Fruit of large size with high shelf-life.

BERKELEY: Bush with medium to high vigour, high productivity. It adapts well to different types of soils. Large fruit, firm flesh and good taste, suitable for fresh consumption or for storage.

STAR: low chilling. The plant is vigorous and produces large fruits with a pleasant sweet taste. This cultivar is particularly suitable for the regions of Central and Southern Italy.

LATE CULTIVAR

American giant blueberry

LEGACY: low tolerance to winter cold. Medium size fruit and pleasant flavor, with a predisposition for storage.

BILOXI: low chilling cultivar. It is recommended in Southern Italy regions: it can be grown as an evergreen. High quality fruits with an excellent flavor.

CULTIVAR NAPOLETANA (*P. vera*)

- ✓ **ORIGIN:** It is a *Pistacia vera* plant usually grafted on *Pistacia Terebinthus*
- # **FEATURES:** is the typical Sicilian "Pistachio Verde di Bronte". It is possible to get self-rooted plants at Vitroplant

KERMAN (*P. vera*)

- ✓ **ORIGIN:** the *P. vera* female is mostly grown in California
- ✓ **POLLINATOR:** male, Peter

PETER (*P. vera*)

- ✓ **ORIGIN:** the *P. vera* male is mostly grown in California
- ✓ **POLLINATOR:** female, Kerman

AEGINA Clone Kilarato (*P. vera*)

- ✓ **ORIGIN:** Cultivar of early flowering; The 1st decade of April in southern Italy. Harvest period 1st decade of September, very early production. The fruit is medium in size and of average coarse shape, the colour of the cotyledon is green with red head. The vigor of the plant is intermittent. The weight of the edged part is about 1 gr. The ideal pollinator is Clone B, to a lesser extent Clone A and C and Peter. Very susceptible to *Botryosphaeria* spp



✓ Foto di: A. Montestrong

Rootstocks for Pistachio

UCB1 (*Pistacia atlantica* x *P. integerrima*)

- ✓ **ORIGIN:** the UCB1 pistachio is a *P. atlantica* x *P. integerrima* hybrid cross that was developed at the University of California
- # **FEATURES:** superior for its disease resistance (*Phytophthora* and nematodes), salt and cold tolerance and VIGOUR. With good VIGOUR. It is one of the most popular rootstocks for new pistachio crops. It was selected for its rapid growth. Available for the first time propagated in vitro

TEREBINTO (*Pistacia terebinthus* L.)

- ✓ **ORIGIN:** the Terebinth is a small shrub, which generally remains very small and in any case not exceed in 4/5 meters high
- # **FEATURES:** The selection of Terebinto multiplied in vitro has greater vegetative vigour, rapid growth and great uniformity. This selection bears well high and low temperatures as well as water scarcity.



TECHNOLOGIES FOR AGRICULTURAL PLANTS



Vitroplant Italia srl Soc. Agricola

Via Loreto, 170 - 47521 Cesena (FC) Italia
Tel. +39 0547 56449 - Fax +39 0547 56711
e-mail: contact@vitroplant.it



TECHNOLOGIES FOR
AGRICULTURAL PLANTS



www.vitroplant.it