

OUR PASSION: CREATOR OF QUALITY.

**EXPERTISE** 

INNOVATION

PARTNERSHIP

# APRICOTS our range of varietal creation







## 5 ENTITIES covering the whole industry

#### **BREEDING AND EXPERIMENTATION**

PEPS ESCANDE FRUIT CONNECT

\*Breeding programs for apricots, apples and plums

#### **EDITION AND VARIETIES MANAGEMENT**

BENOIT ESCANDE EDITIONS

• Management of over 300 varieties from other breeders



#### **NURSERIES**

PEPINIERES ET VERGERS ESCANDE ECG PLANTS

- An outdoor nursery
- A greenhouse nursery
- Partners and suppliers of the largest growers in Europe and North Africa

#### FRUIT PRODUCTION

SAVEURS DU LOT

• Two production areas for stone fruits and pip fruits (220 ha)

## FRUIT DISTRIBUTION

THEZA FRUITS

2000 tons of fruit distributed per year





# Working with escande

#### THE RIGHT VARIETIES

- Excellent flavor and firmness
- Fruits totally round and bicolor
- Trees easy to manage

#### **QUALITY TREES**

- ullet Under French Certification = Virus Free guarantees and varietal authenticity
- \*Logistic and different rootstock proposed

#### THE RIGHT ADVICE

- A technical support by a specialized technician from the start of the project until the arrival of the first fruits
- Available information on the European market
- A reactive team

#### THE RIGHT INFORMATION

- Experimentation through a network of research stations
- Presentation of our production expertise
- Feed back from the commercial industry players

Many thanks to those who supported
the production of this document.

\*\*EAN\*\*

\*\*EAN\*\*

\*\*TEAN\*\*





# **Nursery production**

600 000 naked root plants (35 ha)
50 000 potted plants in the greenhouse



**Apricots: 200 000** 



**Cherries: 15 000** 



Peaches: 25 000



Plums: 60 000



Pears: 40 000



Apples: 250 000

Experimental program for pears, plums and dryed prunes (5 ha)

Breeding and experimental program for apricots, peaches and nectarines (27 ha)

Breeding and experimental program for apples (4 ha)

Production of biologic apples and plums (34 ha)

Production of apricots, peaches and nectarines (130 ha)





# 5 elements for a good variety escande



- Regular production
- Easy to manage
- Rusticity
- Adapted to mechanization
- Flavor and shelf-life

# Compatibility table

This table provides information on pollination potential of varieties tested. In each production area, blooming periods of each variety are taken into account in order to be assured of their concordance.

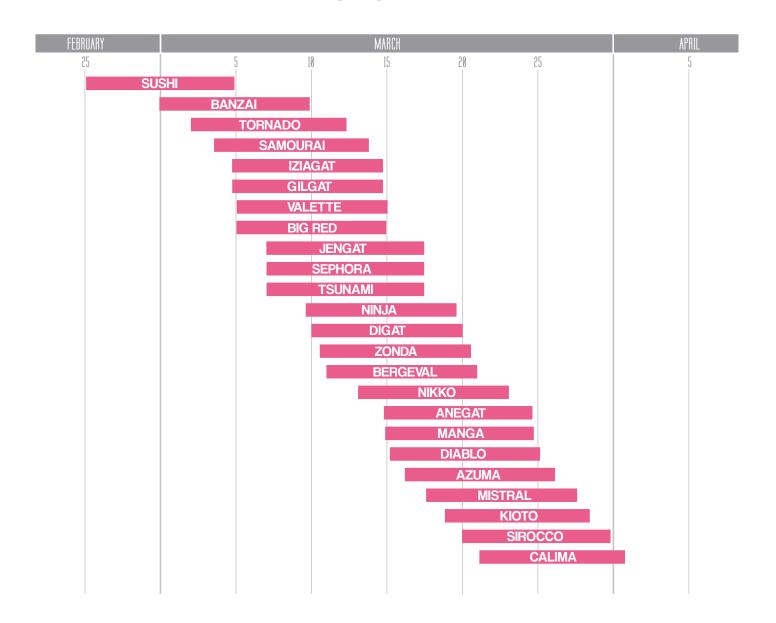
	BANZAI	TSUNAMI	TORNADO	SAMOURAI	BIG RED	NINJA	MANGA	ADRIANA	LE 3187	КІОТО	BETINKA	SOPHIA	ARAMIS® SHAMADE*	CANDELA
BANZAI	SF													
TSUNAMI	С	SF												
TORNADO	SC	С	SF											
SAMOURAI	C	SC	SC	SF										
BIG RED	SC	С		SC	SF									
NINJA	SC	SC	С	С	С	AS								
MANGA	SC	С	С	С	С	SC	AF							
ADRIANA	SC	С	SC	SC	SC	SC	SC	SF						
LE 3187	С	С	С	С	С	SC	- 1	SC	AF					
KIOTO	SC	С	SC	SC	SC	С	- 1	С	С	AF				
BETINKA	SC	С	SC	SC	SC	SC	SC	- 1	SC	С	SF			
SOPHIA	SC	С	SC	SC	SC	SC	SC	I	SC	С	- 1	SF		
ARAMIS®SHAMADE*	SC	SC	С	С	С	SC	SC	С	SC	С	С	С	AF	
CANDELA	SC	С	SC	SC	SC	SC	SC	- I	SC	С	I	- 1	С	SF

\*INRA variety





# Apricots flowering calendar 2016







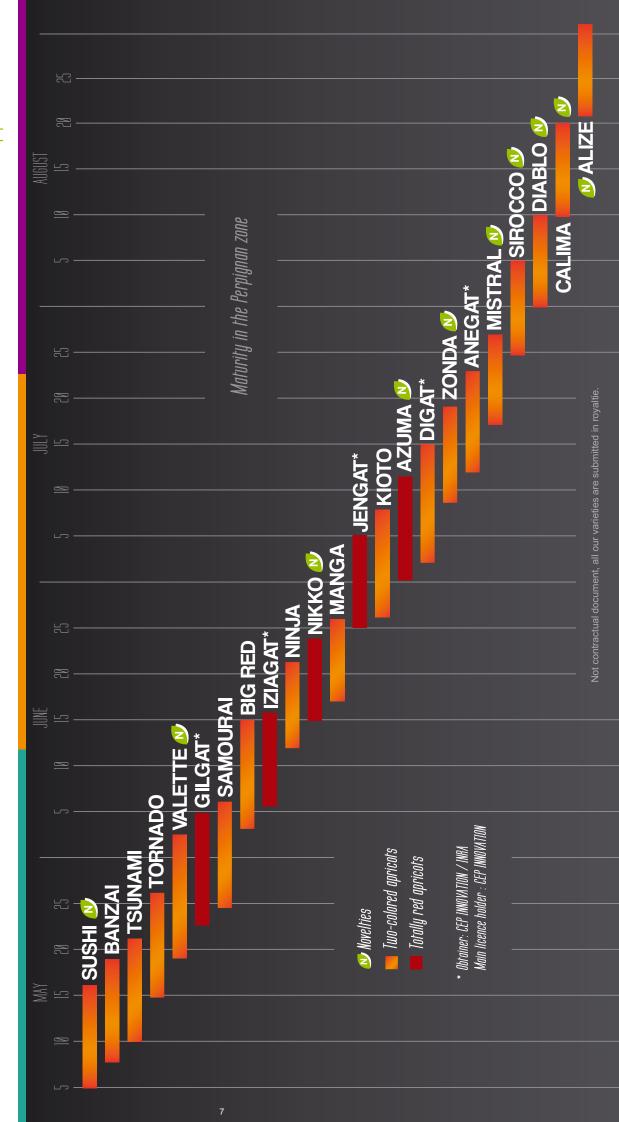
# Our Apricot Varieties

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# **SUSHI**® **PEPS 7004**



#### **Fruit**

- Maturity: Ultra early, 5 days before BANZAI depending on climatic conditions.
- Taste : Aromatic and balanced with a sugar level of 10° brix, it represents one of the only ultra early varieties with such a high sugar level.
- Flesh : Fine, crunchy and juicy, specially after cold storage. The color is orange.
- Caliber : Dominant / 2A.
- Color : Blush over 40% of the fruit, orange background color. Fruit that becomes very bright after cold storage.
- Shape : Round, slightly oval.
- Skin : Resistant to strong winds, rain and manipulation.

#### **Tree**

- Vigor : Good.
- Port : Semi-erect, very easy to conduct with a lot of repercements, allowing fruit production on all types of wood, from the first years. The natural port of the tree no necessitates specific operations for the shaping of the adult tree.
- Production: Good and quick, with fruits of a good caliber for that period.

- Time : Early, type Banzai -2 days.
- Flowering : Excellent, presence of flowers on all type of wood and very homogeneously.
- Fruit grip : Excellent fruit grip.
- Pollination : Self-fertile variety.







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# **BANZAI®**

# EA 5012 (plant patent in progress)

Very early apricot with an excellent taste.

#### **Fruit**

- **Maturity** : It depends on the weather conditions, from one week before until the same period as TSUNAMI®
- **Taste**: Excellent, very aromatic with a sugar content of 14 to 16 ° Brix, this is an ideal variety to start the season in short circuit.
- Flesh/Skin : The flesh is juicy with an orange color, melting and very little acid. The skin is thick which allows having a very strong result, resisting to the most violent weather events. This is a guarantee of safety in this veru sensitive period. A manageable level of cracking is possible depending on the soil tupe and conditions at harvest
- Presentation: The fruit is round / oval on its base, very characteristic of the variety. It has an orange backaround color with bright red blush limited to the most exposed fruit.
- Size / Production : Good potential size for this period, A / 2A majority, it seem that the variety does not needs strong thinning except a very common stalking on long branches.
- Harvest : This is a complicated variety by the staggered ripening of fruits. The number of passes, on adult trees will be 4 to 5. The optimal background color to initiate the harvest according CTIFL code is the transition from 5 to 6

#### **Tree**

- Vigor: Tree of moderate vigor with falling port imposing structure size by various pinching. The repercements are numerous and allow fruit set on the wood of the year. However, the quality of the fruits is much better on the older buds.
- Productivity: Early, with medium-sized fruits in the first year of production on long shoots.

- Flowering period : Varies by year and production areas between very early to early.
- Floribondity: Strong with flowers present on all types of wood in the early years of production.
- Pollination : Partially self-fertile, the variety is not very demanding in pollination. The pollinators must be adapted along the production area and the cold hours. Colorado (plant patent), Mirandela (plant patent), TSUNAMI®, SPRING BLUSH ® , SAMOURAL ® , TORNADO ®







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# **TSUNAMI®** EA 5016 (plant patent)

TSUNAMI® is an ultra early apricot before EARLY BLUSH®Rutbhart (plant patent) in the Mediterranean area.

#### **Fruit**

- **Maturity**: It is very early 5 to 7 days before EARLY BLUSH® Rutbhart (plant patent).
- Taste : Excellent, aromatic and sweet with a very good balance, certainly the best flavor at this period and now the only variety with 12-13° brix at the time of maturity.
- Flesh / Skin : The flesh is orange, juicy and firm. Skin, medium thick, is very resistant to handling and mechanical calibration, it is not very sensitive to staining.
- Conservation : Especially good for this time of fruit maturity in refrigerator (2 weeks) and to shelf (1 week).
- Presentation: Remarquable, round / oval shape with an orange background color and a very nice «blush» lightening red washed on + 60/70% of the surface of the fruit exposed to the sun.
- Size / Production: With a good level for this period of maturity, 2A / 3A once the orchard is installed. Potential higher caliber than SPRING BLUSH ® , same behavior and improving the caliber of the orchard with age. Today, we can estimate the potential at 20 T / Ha for an adult orchard, level validated after testing plot made by experimental stations.
- Harvest : In 2-3 passages depending on the load and the age of the orchard. Tsunami® is less acidic than SPRING BLUSH® which is in continuity of production, but:

VERY IMPORTANT: The 1st passing must be triggered when the fruit is at a minimum of 7 to background color CTIFL code (8 minimum for SPRING BLUSH ® ). Not sensitive to stripping peduncular and pistillar necrosis observed until this date. Good holding fruit on the trees.

ATTENTION : An harvest too early will penalize fruit quality and could have adverse consequences on the market early in the season. Be professional!

Plum pox virus sensibility: Tolerant.

#### **Tree**

- **Vigor** : Medium to good : the port of the tree is semi-erected
- Size/Management: Promote the natural growth of trees avoiding pinching other than those used for the selection of Carpenter.
- Production: Good and fast, it is still advisable to well control the load in 2nd and 3rd leaf on wood of 1 year, which provides a natural opening and balance of the tree by the fruit weight.

#### **Flower**

- **Flowering** : Normal and regular, the period is 2-3 days earlier than TOMCOT ® Toyaco(plant patent)
- **Pollination** : At this time of our knowledge, it is MANDATORY, among the possible varieties GOLDRICH, TOM COT ® Toyaco (plant patent), SOLEDANE (plant patent), PINKCOT® Cotpy (plant patent), SYLRED (plant patent), BIG RED® EA4006 [plant patent], SPRING BLUSH ® EA3126TH (plant patent), FLOPRIA (plant patent).
- Play it safe by putting 2 pollinator varieties in an orchard.

These varieties are for private character and the property of the obtainer/editor which insures their legal protection. Any multiplication and/or distribution of these varieties without authorization is formally forbidden. Their provision is under contractual conditions and the present information does not commit their provision







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# **TORNADO**

PEPS 7016 (plant patent in progress)

#### **Fruit**

- Maturity: It is located between TSUNAMI® and SAMOURAI®, SPRING BLUSH® time, short-cycle variety very. few sensitive to climate variations.
- $^{ullet}$  Flavor : Excellent, very aromatic with a sugar content of 14  $^{\circ}$  Brix, this is a perfect following TSUNAMI  $^{ullet}$  with its strong taste potential.
- Flesh/Skin : Very juicy flesh has an orange color, crunchy and very little acid with a thick skin allows a very solid fruit, resisting the most violent weather events. A guarantee of safety on this very sensitive period.
- **Presentation**: The fruit is round / oval on its base, very characteristic of the variety. It has an orange background color with brilliant red blush very bright and very marked.
- Size / Production: Very good potential to caliber at this period, 3A / 2A majority, does not seem to have strong needs thinning.
- Harvest : Harvest in three passes, very easy to identify the ultimate color change. Optimal background color according CTIFL code is the passage of 6 to 7.
- Plum pox virus sensibility: Tolerant.

## **Tree**

- Vigor: Normal vigor of tree with a semi-erect, very easy to manage with many repercements allowing fruit set on all types of wood in the 1st years. The natural port of the tree will not require special operations for the formation of the adult tree.
- Production: Fast, with good fruit size in the first year of production.

#### **Flower**

- Flowering date : Semi-early, same time as SPRING BLUSH ® et TSUNAMI ®
- Floribondity : The plant has a very good floribondity with flowers present on all types of wood in the first years of production.
- Pollination: Semi-fertil, variety very undemanding in pollinisation, and the pollen is perfect compatibility with the following varieties: TSUNAMI®, SPRING BLUSH®, SAMOURAL®, NINJA®

Warning: variety totally incompatible with BIG RED ®.







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# **VALETTE**® **GV1** (cov pending)

## **Fruit**

- Maturity: Between Tsunami and Samourai, TORNADO period.
- Size : Very good potential for caliber of 3A dominant.
- Fruit color: Bi-color with an intense and bright red blush on more than half of the fruit.
- Shape : Round /oval at the base.
- Flavor : Sweet and aromatic, fruit very juicy.

#### **Tree**

- **Vigor** : Good vigor.
- Port : Semi-erect.
- Load : Excellent, very well distributed and located mainly on spurs.

- Time : Tornado / Samourai.
- Flowering : Excellent, flowers present on all types of wood, very uniform.
- Fruit grip : Very good fruit grip.
- Pollination : Samourai.







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# **SPRING BLUSH®**

EA 3126TH (plant patent)

SPRING BLUSH® is a very early apricot period EARLY BLUSH®Rutbhart (plant patent) before SYLRED (plant patent) and well adapted in the Mediterranean.

#### **Fruit**

- Maturity: It is very early, I to 2 days after EARLY BLUSH ® Rutbhart (plant patent) during the 2nd passage and 3 to 4 days before SYLRED (plant patent).
- Flavor : Good if picking is performed at the right stage. Sugar content of 13° brix.
- Flesh / Skin : The flesh is orange, juicy and firm. The skin is medium thick, very resistant to handling and mechanical calibration.
- Conservation: Very good for this harvest period, place in fridge (one week) and to shelf (I week) through his skin and texture of flesh.
- Presentation: Impressing, round / oval shape with a very orange background color, very pretty «blush» red washed on + 60/70% of the surface of the fruit exposed to the sun.
- Size / Production : The size is good, sometimes too big for the period of maturity, 2A (55%) / 3A (35%). Today, we can estimate the potential 20 T / Ha in adult orchard.
- Harvest: In 2 to 3 passes, VERY IMPORTANT: 1st passing must be triggered when the fruit has a background color. for at least 7, 8 to CTIFL code. Spring Blush ® is not sensible for pre-harvest drop of.

ATTENTION : A too early harvest will penalize the fruit quality and could have adverse consequences on the market early in the season. Be professional!

Plum pox virus sensibility : Sensitive.

#### Tree

- Vigor: Good: the port of the tree is semi-erected.
- Management : Promote repercements on older buds. The variety produces quality fruit mainly on wood of 2 years and spurs. Pinching during the formation of the tree is advised to multiply carpenter. Repercements of branches inside of the tree is quietly common.
- Production: Good and fast, it is nevertheless judicious to not produce on one year wood to optimize the quality of the fruits.

- Floribondity : Low to normal, period TOM COT ® Toyaco(plant patent
- Pollination: MANDATORY, with TSUNAMI® EA5016 (plant patent), TOM COT® Toyaco (plant patent), SOLEDANE (plant patent), PINKCOT® Cotpy (plant patent), SYLRED (plant patent), BIG RED® EA4006 (plant patent), EARLY BLUSH® Rutbhart (plant patent) or SWEET RED® Red sylver (plant patent).
- Play it safe by putting 2 pollinator varieties in the orchard.







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# **SAMOURAI®**

EA 5034 (plant patent in progress)

#### **Fruit**

- $^ullet$  **Maturity** : It is located between TSUNAML® and BIG RED®, at the same time as SYLRED (plant patent).
- Taste : Sweet and aromatic.
- Flesh / Skin: It's orange, juicy and firm. The epidermis is solid and without blemish, quite thick and not very sensitive to staining.
- Conservation: It is correct, but the evolution is quite fast on the biggest sizes.
- Presentation: The fruit is round and relatively regular shape, and each part of the fruit is symmetric, and uniformly mature. It has a very nice red overprinted on more than he the half of the surface of the fruit. The rather dark color on immature fruit lightens and becomes luminous with the approach of the harvest
- Size / Production : The caliber potential is naturally high (3A dominant) with very quick installation (from the 3rd leaf) of short branches. The yield reaches 25 to 30 tons from the 5th or 6th leaf or beyond. The thinning post will be cheaper than on other varieties in this ripening period. It consists largely of young trees and long branches.
- Harvest: Thanks to the homogeneity of the calibers, harvesting is made in three picking rounds on an adult tree. Harvest can start when the fruits have reached the 7 Ctifl Color Code. It seems that Samourai ® is sensible for pre-harvest drop of.
- Plum pox virus sensibility: Tolerant.

#### Tree

- Vigor: Good. The port of the tree is semi-erect.
- Management : The tree is easy to form. It has good natural ability for ramifications and open angles favorable for fruit set. Winter pruning will take a few time once the tree will be in production. Summer pruning is essential, first to promote the coloration of the fruits and inside and to induce fructification on anticipated branches.
- Production: Early with a good fruit size in the first years of production.

- $^ullet$   $\,$  **Period** : It is rather early, and takes place in the same period as TOM COT  ${\mathbb B}\,$  and BIG RED  ${\mathbb B}\,$
- Floribondity: It is above the average. It is not affected by winter weather, if not a variable rate of floral anomalies [flower pistil short or absent] in proportions however insufficient to penalize harvest.
- **Pollination** : It is not self-fertile, but appears undemanding. FLOPRIA (plant patent) et BIG RED ® are compatible. Other varieties are being testing : TSUNAMI® , SOLÉDANE (plant patent)...







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# **BIG RED®**

EA 4006 (plant patent)

BIG RED® is an early season apricot with a maturity between ORANGERED®Barth (plant patent) and GOLDRICH.

#### **Fruit**

- Maturity: Beginning of the season, +10 days / PINKCOT® Cotpy (plant patent), +2 days ORANGERED® Barth [plant patent], -3 days / GOLDRICH.
- Taste: Very good, the flesh is flavored and juicy. Sweet. 14°brix.
- Flesh / Skin : The flesh is dark orange and firm. The skin, medium thick, is a little embossed. It is resistant to handling and mechanical calibration.
- Conservation: Very good for a normal fruit of that time, held in refrigerator (2 weeks) and to shelf (1 week).
- **Presentation**: EXCEPTIONAL with a lively and intense red blush on more than 70/85% of the fruit surface exposed to sunlight. Fruit shape is round with a very orange background color: 8 of CTIFL code.
- Size / Production : Well, the potential is 2A (65%) / 3A (35%) under normal load. At the present state of our knowledge we believe the potential to 25 T / Ha in adult orchard. Testing by research stations will give us more of these near future information. The caliber can be much improved by early thinning.
- Harvest: 2 to 3 picking rounds. It is very important too not over-anticipate harvest. The coloring comes early. Big Red is not sensible for pre-harvest dropping. The size will increase until the last day before picking and will be optimum only when the fruits have the right maturity to be picked.
- Plum pox virus sensibilitu : Tolerant.

#### Tree

- Vigor: Very high with a very strong erected tree port. It is recommended to increase the main branches by the formation of the tree. BERGAROUGE® Avirine Type (plant patent).
- Management : Concentrate production on short shoots (May bouguets and dart). Conduct renewed sizes to perpetuate the fruiting bodies.
- **Production** : Good and early, it is nevertheless advisable to not produce on young wood to optimize the quality of the variety.

- Floribondity : Strong to normal, same time as TOM COT ® Toyaco(plant patent), GOLDRICH.
- Pollination : MANDATORY , with TSUNAMI ® EA5016 (plant patent), TOM COT ® Toyaco (plant patent), SOLEDANE (plant patent), PINKCOT ® Cotpy (plant patent), SYLRED (plant patent), SPRING BLUSH® EA3126TH (plant patent), EARLY BLUSH® Rutbhart(plant patent), FLOPRIA (plant patent).
- Play it safe by putting 2 pollinator varieties in an orchard.







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# **NINJA®**

# EA 5040 (plant patent in progress)

#### **Fruit**

- Maturity: It is located in the same time as GOLDRICH and occupies the period preceding Hioto.
- Taste : Aromatic with a good sugar / acid balance.
- Flesh / Skin : It's orange, juicy and firm. The epidermis is solid and without blemish, very low sensibility to staining and cracking.
- Conservation: Good. Fruits have a rather slow evolution without appearance of defaults.
- Presentation : The fruit is round and relatively regular shape, with each part of the fruit symmetric, which uniformly mature. The bright red blush occupies 60% to 80% of the surface area.
- Size / Production: The potential size is homogeneous whatever load [2A / 3A]. Fruit set is very early and preferentially installed on long branches. The yield will reach 20 to 25 tons in adult tree. Thinning is essential to discharge the extremities of the branches, but the time to do this will remain reasonable.
- Harvest : Thanks to the homogeneity of the calibers, harvesting can be done in tree pickling rounds on a mature tree. It can start when the fruits have reached the 7 CTIFL Color Code. Ninja® does not seem to be susceptible to falls before harvest or to consecutive skin mottling in a rainy period.
- Plum pox virus sensibility: Unknown.

#### **Tree**

- Vigor: Average to good. The port of the tree is half open.
- Management : The tree is not very easy to manage. It has good natural ability of flexible branches, which tend to bend under the weight of the fruit. Winter pruning is strict enough to rigidify the first years carpenter. Summer pruning is essential, first to promote the coloration of the fruits and then to induce fructification on anticipated branches.
- Production: Early, very productive, especially first on long branches, and then on twigs. The need to form the trees can lead to a limited production in 2nd and 3rd leave.

- Flowering date : It's medium period and takes place in the same period as FLAVOR COT ® between FLOPRIA (plant patent) and BIGRED ®
- $^ullet$  **Floribondity** : Important quantity of flowers, much more than the average and  $\,$  not affected by winter weather  $\,$ conditions. No floral anomalies where be observed in 2009, 2010 and 2011.
- $^{ullet}$  **Pollination** : It's not self-fertile, but seems to be few demanding: FLAVOR COT  $^{ullet}$  , FLOPRIA (plant patent) and BIGRED® are compatibles.





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# **NIKKO® PEPS 9056**

#### **Fruit**

- Maturity : KIOTO period.
- Taste : Very good, the flesh is flavoured, juicy and sweet, with 15° brix.
- Caliber: A dominant/ 2A. Possibility of production of 2A dominant with suitable pruning.
- Fruit color: Very attractive. Red skin over 95% of the fruit, very bright and shiny, with orange flesh and juicy.
- Shape : Round to oblong.
- Harvest: Thanks to the uniformity of caliber and coloration, the harvest is done with 1 or 2 times maximum.

#### **Tree**

- Vigor : Good vigor:
- Port : Semi-erect.
- **Production** : Excellent. The production is mainly on spurs.

- Time : Between NINJA and MANGA.
- Flowering : Good.
- Fruit grip : Good.
- Pollinaton : Self-fertile variety.

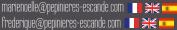






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# **MANGA®** EA 5028 (plant patent)



#### **Fruit**

- Maturity : 5 days before KIOTO.
- Taste : Sweet and aromatic.
- Flesh / Skin : It's orange, juicy and firm. The epidermis is solid without blemish quite thick and not very sensitive to staining.
- Conservation : Excellent.
- Presentation : The fruit is round with a relatively regular shape, with 2 parts very symmetric, which uniformly mature. It has a very nice red « blush » on more than half of the surface of the fruit. We can find here the original form of the KIOTO variety.
- Size / Production : The medium size will be between 2A and 3A, Thinning is really important and has to start early, priority has to be given to flower thinning.
- Harvest: Thanks to the homogeneity of the calibers, harvesting is made in three picking rounds on an adult tree. Picking can start when the fruits have reached the 7 CTIFL Color Code.
- Plum pox virus sensibility : Unknown.

#### Tree

- Vigor : Medium, dropping wood.
- Management : Prioritize pruning for structuring the main branches, if necessary by folding down main branches the first two years.
- **Production** : Early with good fruit size in the first years of production.

- Period : It's late as KIOTO.
- **Floribondity** : It is located above the average. It is not affected by winter weather conditions.
- Pollination : Self-fertile variety.







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# **KIOTO**

# (plant patent n° EU 17602)

Rustic apricot semi-late maturity, firm, colorful and good flavor. A reference in its period of maturity!

#### **Fruit**

- Maturity: Just after GOLDRICH (+ 2 to 3 days), a little before BERGAROUGE ® Avirine (plant patent) (- 2 to 3 days) after Goldrich.
- Taste: Excellent, Sugar content = 13° Brix.
- Flesh / Skin : The flesh is orange, juicy and firm. The skin is resistant to handling and smooth.
- Conservation : Good. Not sensible for bursting.
- **Presentation**: Orange background color, very pretty «blush» red over 2/3 to 3/4 of the fruit. The color is very attractive and bright.
- Harvest: In 2 to 3 passes, Hioto is not sensible for pre-harvest dropping. Trough peduncle closes without tearing picking if picked at full maturity. Background color of 7-8 CTIFL code.
- Size / Production : Big potential production (25-30 t / ha). Medium size 3A to 2A, mandatory thinning comparable to TOM COT ® Toyaco (plant patent) and reasoning with a strong winter pruning. Potential 3A to 4A with thinning on flower highly recommended.
- Plum pox virus sensibility : Sensitive

#### **Tree**

- Vigor: Medium to low. Good repercement branches in the lower part of the tree. Think denser plantings (6x3m or 5x3.5m)
- Management : An important step for the conduct of the variety. Clean the inside of the post-harvest tree to promote spurs and darts. Complemented by a strong winter pruning.
- Port : Equilibrated tree.
- Production: Fast and very good on young wood (note the caliber the early years) and old wood (rather foster).

#### **Flower**

- **Floribondity** : Semi late, period HARGRAND. Very good pollinator for BERGAROUGE® Avirine (plant patent), ORANGERED ® Bhart (plant patent) and compatible with SYLRED (plant patent).
- Pollination : SELF FERTILITY (30 % of flowers are fertile).

#### Advice for production of Kioto:

Hioto is more technical than it looks.

- Choose the best adapted fast growing rootstock for your soil
- Its needs in irrigation and fertilization being higher than other varieties, it is not recommended to plan Hioto as a poliniser in the 10% proportion. It is recommended to plant whole rows, or even better, homogeneous blocs.
- During the winter between the first and second leave, please prune severely, in favor of the main branches (5 to 6) and pruning back all ramifications and dropping branches.
- Avoid production during the second leave. Prioritize, as much as possible, the growth of the tree.







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# **AZUMA® PEPS 1036**

#### **Fruit**

• Maturity : KIOTO +5 days.

• Size : 2A / 3A.

Color: Intense red and brillant, attractive fruit.

• Shape : Round to oval.

• **Aromas** : Very good and aromatic, with a great potential of flavor. We have a high level of sugar with 15° brix and a light acidity which balance perfectly the fruit aromas.

Juiciness : Very good.

#### **Tree**

• **Vigor** : Medium to strong

Port : Semi-erect. • Load : Excellent.

#### **Flower**

• Time : Kioto -5 days.

• Flowering : Good.

• Pollination : Tsunami, Ninja, Manga, Nikko.





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# ZONDA® PEPS 8014

#### **Fruit**

- Maturity: Middle of KIOTO period.
- Taste : Very good flavors, very low acidity, perfumed and juicy.
- Size : 2A dominant.
- Fruit color: Orange background color with a blush on more than half of the fruit. Beautiful look.
- Shape : Round.

#### **Tree**

- **Vigor** : Strong.
- Port : Semi erect.
- Production : Good and quick with fruits of good caliber from the first year of production.

- Period : It's late as Hioto.
- Floribondity : Good Floribondity.
- Pollinaton : Self-fertile variety.







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# MISTRAL® PEPS 97016 (cov pending)



#### **Fruit**

- Maturity: FARALIA, ANEGAT +5/7days, KIOTO +20 days.
- Aroma : Sweet and aromatic. Few acidity of the skin which disappear after the cold storage, good juiciness.
- Caliber: Average caliber located between 2A and 3A, very uniform.
- Color : Orange skin, juicy and firm. The skin, solid and without defect, is very little sensitive to the more violent weather events, as well as handling and mechanical calibration.
- Shape : Round and regular.
- Conservation : Excellent preservation post harvest, the fruit is firm and keeps well.
- Harvest: Thanks to the homogeneity of caliber and maturity, harvesting can be done in 1 or 2 passages on an adult tree.

#### **Tree**

- Viaor : Good.
- Port : Semi-erected and well equilibrated.
- Production: Mistral as a big potential of charge with a quick installation of spurs.
   Tree easy to manage with a lot of repercements and a quick production of any type of wood. The natural port of the tree no necessitates specific operations for the shaping of the adult tree.

- Time : Late flowering.
- Flowering density : Good.
- Pollination : Self-Fertile variety.





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# SIROCCO PEPS 9053 (cov pending)



#### **Fruit**

- Maturity : FARBALY /7 days, ANEGAT +12/15 days, H10T0 +30 days.
- Flavor : Excellent aromas. Sugar 15° brix, very low acidity sustaining the aromas. Good juiciness.
- Caliber : Dominant 3A.
- Color : Orange background color with a good blush over 60% of the fruit. The flesh is orange.
- Shape : Completely round.

#### **Tree**

- Vigor : Good.
- Port : Semi-erect.
- Load : Very good fruit production.

- Time : Late flowering.
- Flowering density : Good.
- Pollination : Self-fertile variety.





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# DIABLO **PEPS 9024**



## **Fruit**

- Maturity : FARBALY, ANEGAT +15/20 days, H10TO +35 days.
- Favor : Very good aromas. Sugar : 14° brix, slight acidity sustaining the aromas. Excellent juiciness.
- Caliber : 2A dominant very homogeneous.
- Color : Orange background color with a nice blush over 50% of the fruit. The flesh is orange.
- Shape : Completely round.

#### **Tree**

- Vigor : Good.
- Port : Semi-erect.
- Load : Very good fruit production.

- Time : Mid season.
- Flowering density : Good.
- Pollination : Self-fertile variety.





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# **CALIMA®** PEPS 9002 (cov pending)

## **Fruit**

- Maturity: FARLIS -5 days, ANEGAT +20/25 days, KIOTO +40 days.
- Flavor : Very good aromas, excellent sugar level 15° brix. No acidy. Average to good juiciness.

#### **Tree**

- Vigor : Good.
- Port : Semi-erect
- Load : Productive.

- Time : Late flowering.
- Flowering density: Medium, with an excellent set fruit.
- Pollination : Self-Fertile variety.







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# **ALIZE® PEPS 9022**

## **Fruit**

- Maturity : DIABLO + 10 days.
- Taste : Very aromatic. Sugar : 15° brix. Low acidity. Very good juiciness.
- Size : 2A / 3A.
- Color : Dark orange over 50% of fruit.
- Shape : Round.

#### **Tree**

- **Vigor** : Medium.
- Port : Semi-erect.
- Load : Strong.

- Time : Kioto -3 days.
- Flowering level : High.
- Pollinaton : Self-fertile variety.



# Gilgat cov in progress

Edition



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Co-obtention

## Koolgat cov in progress

HE FRUIT lipening time

APPRECIATION GENERALE





Co-obtention



Globose shape, homogeneous size. Acidulatd fruit earlier than ORANGEREDS Bhart with a good quality.

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## Iziagat cov in progress

SEFRA

## BERGEVAL® Aviclo ...

Attrait et Coloration

Edition



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Obtention



## Jengat cov in progress





# Digat cov en cours



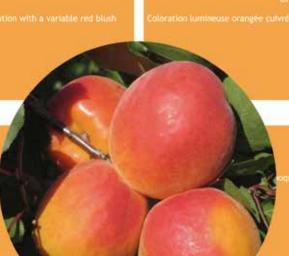
APPRECIATION GENERALE



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## Anegat cov in progress



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## Congat cov in progress

THE FRUIT

Ripening time Bergeron + 20 days ; slightly spread ma

Shape and size Size potential : 2A/3A

Attractiveness and Sparkling dark red on clear background

ating quality Sweet

Compact flesh, a little bit of fiber

Thick skin, slightly juicy

Evolution after Good general behavior narvest

THE TREE
Vigour Good vigour
Behaviour Semi-upright t

Hooming time Late season

Politination Self-sterile; BERGAROUGE@Avirine.cov,

Vertige cov, SOLIMAR®Torravium cov,

A4461 COV and A4367 (

reductivity Regularly productive

Bergeron + 20 jours : Maturité un peu étalée : E

Coloration rouge fonce lumineuse sur fond clair Attrait et Coloratio

Acres Communication

Chair compacte, legérement fibreuse

Bonne tenue générale Evolution aprèrécolte

> Bonne vigueur Vigueu Port semi érigé Por

Epoque tardive Epoque de floraison

itostérile : Bergarouge® Avirine cov, Politinis Vertige cov, Solimar® Torraviun cov,

Anegat cov et Bangat cov

eguilérement productive Productivité

NERAL VALUE APPRECIATION GENERAL

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#### **NOTES**



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