



ALMONDS AND PISTACHIO
PLANT PRODUCERS



www.crisara.com

CRISARA is a company specialised in organic agriculture, organic fertiliser manufacturing and almond production. After more than 25 years of experience in this sector, the company has taken an important step by implementing the “CRISARA model”. A philosophy of work that offers the farmer the MGIS support (Sustainable Integral Management Model) based on the transfer of technology and knowledge for agronomic management of woody crops.



ORGANIC FERTILISERS AND BIOINSECTICIDES

CRISARA has its own brand of products called FERCRISA responding to the demand for an organic and zero waste farming model and seeking to implement a sustainable and environmentally friendly economy. Our products are specially manufactured to achieve maximum efficiency, profitability, and sustainability for your crops.

ALMOND TREES NURSERY

Our exclusive almond trees production system, the quality of the plant material used, as well as the application of novel control techniques, allows us to offer you top quality plants as a basis for the profitability of your plantations.

TECHNICAL ADVICE

We offer you our comprehensive technical advice for your crops, and our recommendations for the best products to apply, method of application, treatment times, specific care, and fertilization plans. We have over 20 years of experience offering technical advice of woody crops: almond, pistachio, olive, vines, and citrus trees.



CRISARA NURSERIES



almond tree

MARINADA ALMOND TREES

Auto - fertile and self-compatible variety, from the crossing of Lauranne with Glorieta varieties. It blooms in the second half of March and matures in the first half of September.

- Medium vigour, very good production capacity and rapid progression into production.
- Variety easy to prune.
- Hard-shelled fruit with a yield of approximately 31%.
- Very tolerant to "ochre stain" and sensitive to "fusisocum"



NURSERY PLANT

CONSTANTÍ ALMOND TREES

Auto -fertile and self-compatible variety, from the crossing of FGFD2 to open-pollinated. It blooms from 26 February to 7 March and matures the last fortnight of August.

- Medium vigour, good production capacity and adapted to dry conditions.
- Variety easy to prune.
- Hard-shelled fruit with a yield of approximately 27%.
- Tolerant to "ochre stain" and sensitive to "fusisocum".
- Good regularity in production, little alternating.



MAKAKO ALMOND TREES

Auto fertile and self-compatible variety. It blooms from 8 to 23 March and matures from 8 to 20 September.

- High vigour, very high productivity.
- Extra late flowering and early maturing.
- Variety easy to prune.
- Hard-shelled fruit with a yield of approximately 30%
- Good resistance to disease.



NURSERY PLANT

AVIJOR ALMOND TREES

Auto-fertile and self-compatible variety, from the crossing of Ferragnés with Tuono. It blooms from the first of March to 10 March and matures from 2 to 11 September.

- Medium vigour, adapted to dry conditions and good productivity.
- Late blooming.
- Variety easy to prune.
- Semi Hard-shelled fruit with an approximate yield of 34-40%.
- Resistant to "ochre stain".
- Good regularity in production.



GUARA ALMOND TREES

Auto-fertile and self-compatible variety. It blooms during the first and second week of March and matures during the second half of September.

- Medium vigour, very good productivity.
- Late blooming.
- This variety requires a good shape pruning.
- Hard-shelled fruit with an approximate yield of 30-34%.
- Very sensitive to "ochre stain"
- Good regularity in production, little alternating.



NURSERY PLANT

VAIRO ALMOND TREES

Auto - fertile and self-compatible variety, from the crossing of 4-665 with Lauranne. It blooms the first fortnight of March and matures the second fortnight of August.

- Great vigour and high production capacity.
- Variety easy to prune.
- Hard-shelled fruit with a yield of approximately 29%
- Tolerant to drought, to "fusisocum" and very tolerant to "ochre stain".
- Regular production.



ALMOND TREES BLOSSOM



RECOMMENDED ALMOND TREES PLANTING FRAME

SYSTEM	PLANTING FRAME			PLUVIOMETRY ENDOWMENT WATER/Ha	Nº OF TREES per hectare	PERFORMANCE ESTIMATED AVERAGE SHELL/Ha
	SHAPE	ROW	INTRA-ROW			
EXTREME DRY	VASE	8	8	250 mm	150/Ha	800 kg/Ha
MID DRY	VASE	7,5	7,5	450 mm	175/Ha	1.300 kg/Ha
EXTRA DRY	VASE	7	7	550 mm	200/Ha	1.600 kg/Ha
REGULATED DEFICIT IRRIGATION	VASE	6	6	600 m3/Ha	275/Ha	3.500 kg/Ha
INTENSIVE IRRIGATION	VASE	6	5	1.800 m3/Ha	325/Ha	6.500 kg/Ha
	ESPALIER	2	3,5	5.000 m3/Ha	1425/Ha	15.000 kg/Ha

HYBRID ROOTSTOCKS PROPAGATION IN VITRO

ROOTSTOCK GF-677

Drought tolerant and iron chlorosis. Good productivity and vigour in dry and irrigated conditions. (P.persicae x P.amygdalus)

ROOTSTOCK GXN

Resistant to waterlogging, nematodes and sensitive to limestone soils. (Garfi x Nemared)

ROOTSTOCK IRTA 1

Suitable for high densities, it regulates the growth of the variety under full compatibility conditions.

CRISARA NURSERIES



pistachio tree

KERMAN PISTACHIO TREES

The variety comes from a selection in the USA. It flowers in the third week of April and is harvested in the first week of October.

- Medium vigour of the tree
- Medium production capacity
- Late flowering
- High alternative yield.
- Rapid progression into production.
- Large fruit size



NURSERY PLANT

LARNAKA PISTACHIO TREES

Variety originating in Cyprus and very adapted to areas with few hours of cold temperatures. Low water requirements except in the first years of planting. Flowering is in the first week of April.

- Medium vigour of the tree
- Medium production capacity
- Late flowering
- Medium alternative yield.
- Medium progression into production.
- Average fruit size.
- Low percentage of empty fruit.



SIRORA PISTACHIO TREES

Variety from Australia. Flowering usually occurs in the second week of April approximately.

- High vigour of the tree
- High production capacity
- Medium flowering
- Medium alternative yield.
- Large fruit size
- Rapid progression into production.
- High whiteness of the shell



NURSERY PLANT

KAstel PISTACHIO TREES

Variety of Israeli origin. Its flowering is late, meeting in mid-April.

- High vigor of the tree.
- High productive capacity.
- Late flowering.
- Average frequency.
- Entry into medium production.
- Large size of the fruit.
- High whiteness of the shell.



PETER PISTACHIO TREES ♂

Variety selected in California, with a good and prolonged pollen production. It is considered a late flowering variety, around 10-15 April, and usually lasts between 13 and 24 days. It goes very well with the variety Kerman and the end of Sirora. Adapted to arid Mediterranean climates.



- Medium vigour of the tree
- High production capacity
- Late flowering
- Short youth period
- It pollinates well Kerman and Sirora



NURSERY PLANT

C.ESPECIAL PISTACHIO TREES ♂

Early flowering variety from Greece. Very suitable for pollination of varieties with less need of chilling hours. Flowering period is from 12 to 30 April approximately.

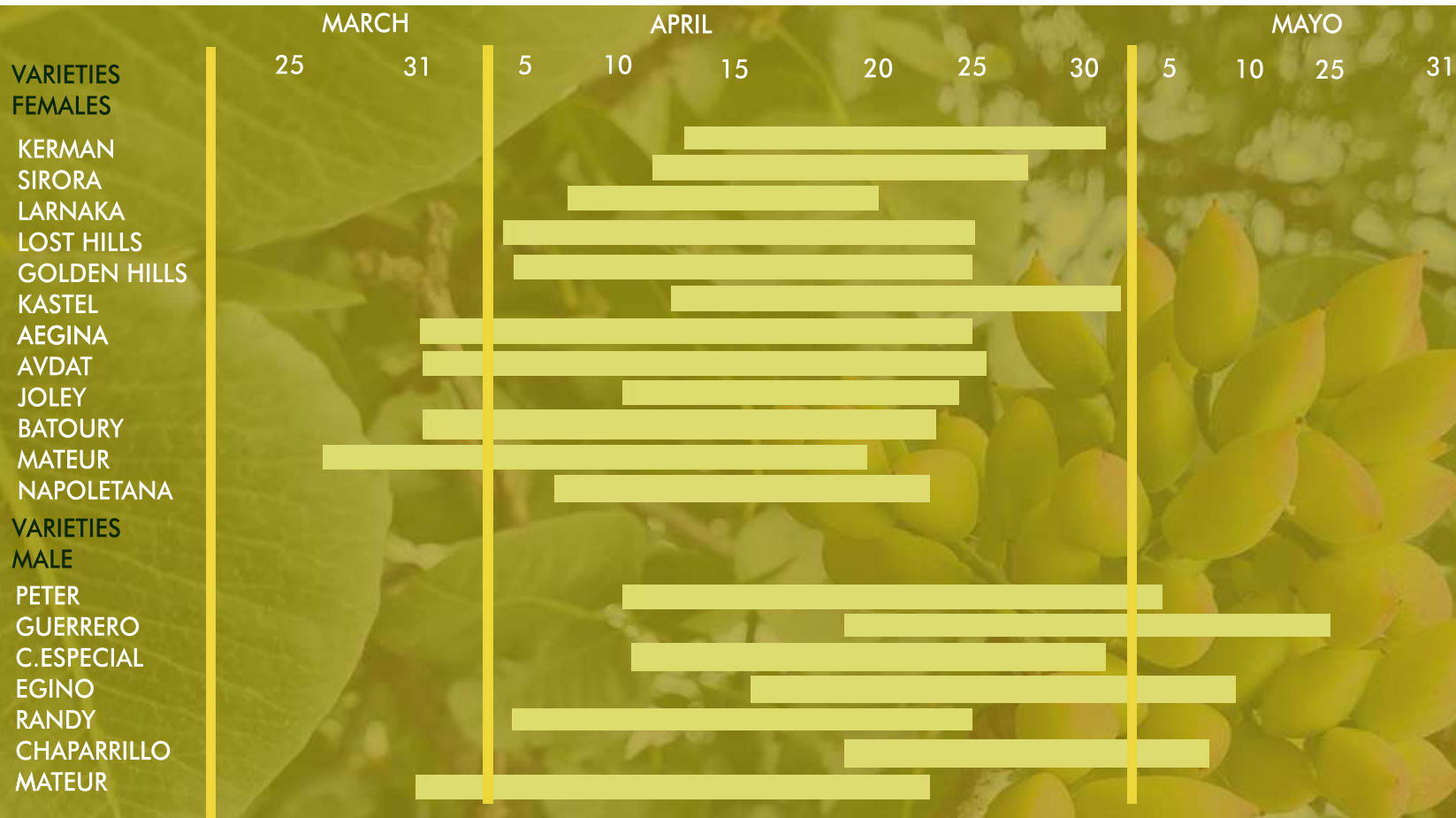


- Medium vigour of the tree
- High production capacity
- Early flowering
- Medium youth period
- It pollinates well Larnaka and Sirora





FLOWERING OF PISTACHIO TREES



ROOTSTOCKS

PISTACIA TEREBINTHUS

Poor, rocky and chalky soils. Good affinity with most varieties.
Sensitive to Verticilium dahliae. High vigour.

PISTACIA ATLANTICA

Intermediate soils, dry and irrigated. Sensitive to Verticilium dahliae.
Medium vigour.

PISTACIA INTEGERRIMA

Cold sensitive, tolerant to Verticilium dahliae. Very vigorous.
Useful for warm areas in deep irrigated soils.

UCB1

Cold tolerant, resistant to Verticilium dahliae. Very vigorous.
Hybrid of closed pollination between P. atlantica and P. integerrima.

PISTACIA VERA

Cold tolerant, sensitive to Verticilium dahliae. Vigorous.

RECOMMENDED MIXTURES

FEMALES

MALE

KERMAN	—	PETER, C.ESPECIAL
SIRORA	—	C.ESPECIAL, RANDY Y PETER
LARNAKA	—	C.ESPECIAL, CHAPARRILLO
LOST HILLS	—	RANDY
GOLDEN HILLS	—	RANDY

TECHNICAL DEPARTMENT



For any questions you can contact the
CRISARA Technical Department
Phone: 690 959 848
Email: alvarosiles@crisara.com

C R I S A R A



THE ONLY FOOTPRINT WE WANT
TO LEAVE ON THE PLANET
IS THAT OF OUR HANDS



www.crisara.com

info@crisara.com

Tel. 649 502 951



FERCRISA.

Organic fertilizers and bioinsecticides

