

# **ALMOND VARIETAL FACT SHEET**



# MARINADA

Breeders' reference: IRTAMB-A22-120 Origin: Seedling derived from the cross 'Lauranne' x 'Glorieta', made in 1994 at Mas de Bover (Constantí, Tarragona)

Breeding number: (IRTA almond cultivar breedingprogramme): License: Unlimited Marketing Rights

## **POMOLOGICAL TRAITS**

to produce in isolated conditions).  Pollinators:  To foster cross-pollination (advisable practice, even for self-fertile cultivars), could be combined in the orchard with 'Tarraco', having a similar blooming date.  Blooming density:  Very high  Length of blooming:  Medium  Bearing precocity:  Extremely precocious  Cropping capacity:  Very high  Cropping regularity:  Good. Low alternate bearing  "Fusicoccum" (Phomopsis amygdali Del.) tolerance:  "Red leaf blotch" (Polystigma ochraceum Whal.) tolerance:  Medium (at the beginning of March).	Tree vigour:	Medium. Its vigour is enough to maintain a good balance between production and vegetative growth
Branching density: Medium-scarce  Training and pruning: Very easy  Nuts location: Mainly on spurs  Blooming time (Spain): Very late (after 'Ferragnès'). At Mas de Bover 33 days after 'Desmayo Largueta' (average of 12 years of observations)  Blooming time (South Africa): 25 days after Nonpareil (end of September)  S compatibility genotype: S5Sf  Pollination: Self-fertile cultivar. Cross-pollination unneeded. Self-compatible cultivar, with a good autogamous level (capable to produce in isolated conditions).  Pollinators: To foster cross-pollination (advisable practice, even for self-fertile cultivars), could be combined in the orchard with 'Tarraco', having a similar blooming date.  Blooming density: Very high  Length of blooming: Medium  Bearing precocity: Extremely precocious  Cropping capacity: Very high  Cropping regularity: Good. Low alternate bearing  "Fusicoccum" (Phomopsis amygdali Del.) tolerance:  "Red leaf blotch" (Polystigma ochraceum Whal.) tolerance:  Medium (at the beginning of March).  Harvesting ease: Good. At maturity nuts keep attached to their branches and, when shaking, they drop easily.	Foliage density:	Dense
Training and pruning:  Nuts location:  Blooming time (Spain):  Very late (after 'Ferragnès'). At Mas de Bover 33 days after 'Desmayo Largueta' (average of 12 years of observations)  Blooming time (South Africa):  S compatibility genotype:  S 558  Pollination:  Self-fertile cultivar. Cross-pollination unneeded. Self-compatible cultivar, with a good autogamous level (capable to produce in isolated conditions).  Pollinators:  To foster cross-pollination (advisable practice, even for self-fertile cultivars), could be combined in the orchard with 'Tarraco', having a similar blooming date.  Blooming density:  Very high  Length of blooming:  Medium  Bearing precocity:  Extremely precocious  Cropping capacity:  Very high  Cropping regularity:  Good. Low alternate bearing  "Fusicoccum" (Phomopsis amygdali Del.) tolerance:  "Red leaf blotch" (Polystigma ochraceum Whal.) tolerance:  Medium (at the beginning of March).  Harvesting ease:  Good. At maturity nuts keep attached to their branches and, when shaking, they drop easily.	Growth habit:	Medium-upright
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when shaking, they drop easily.	Harvesting season:	Medium (at the beginning of March).
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### **COMMERCIAL TRAITS**

Nut shape:CordateKernel size:Medium (1,3 g)

 $\begin{array}{ll} \text{Shelling percentage:} & 31 \, \% \\ \text{Shell texture:} & \text{Hard} \end{array}$ 

Double kernels:Without doubles (0,3 %)Kernel appearance:Skin smooth and clearBlanched kernel composition:oil: 47,9 %; protein: 24,2 %Soluble sugars:4,1 %; total fiber: 11,2 %;

water: 4,8 %





### **ASSESSMENT:**

'Marinada' is highly productive and very precocious. It flowers very late. Self-fertile, showing a good autogamous level. Very easy to train and prune. Produces good kernels. It is tolerant to "fusicoccum". Cross-pollination can be fostered using 'Tarraco' as pollinator. The combination of these two varieties, both very precocious and showing medium vigour, can be useful for establishing semi-intensive orchards at close spacing. \*Exclusive Marketing: Unlimited Nuts

