

NEUFINA: A LATE VARIETY OF CLEMENTINE

DESCRIPTION OF THE INVENTION

The Clemenules variety is the variety most representative of the Clementine group and the most cultivated one of the Spanish citrus industries. This variety, which offers exceptional organoleptic qualities, is harvested between the months of November and December. The concentration of supply at this time in general brings an oversupply that results in subsequent collapse of the markets and the declining of the prices originally quoted. The lack of clementines in January and later has traditionally been replaced by hybrid tangerines that, in general, do not meet the request for high quality demanded by consumers. In these circumstances, the citrus sector has identified as one of his top priorities the production of high quality clementines during the months of January and thereafter, in order to decongest the offer during the previous months and to supply markets later on. To address this problematic situation the Valencian Institute of Agricultural Research (IVIA) initiated in 2002 a program for the genetic improvement of the Clemenules variety, from which a new variety called Neufina has been obtained. Neufina is a late variety of clementine whose harvest period, that follows that of Clemenules, may be extended

until February.

The Neufina tree is similar to that of the original Clemenules variety, of globular appearance and open growth habit, with many productive branches. The fruits of Neufina show good size and are easily peeled manually. Its flesh is tender and melting, with high juice content, pleasant taste and flavor and a well-balanced brix/acid ratio. The fruits of the variety Neufina show remarkable post-harvest conservation properties and unlike the fruits of clementines, also have a high resistance to the different disturbances provoked by autumn rains.

Neufina presents other advantageous features as total absence of seeds in isolated planting and a reduction of 50% in mixed plantations. The management of the variety in experimental plantations is similar to that of the Clemenules variety, with very similar water and nutritional requirements. Cultivation in areas favoring delayed ripening and without frost risk is recommended. Neufina, like the rest of clementines, is also resistant to the Alternaria fungus.

BUSINESS SECTORS OF APPLICATION

The use of this new variety of mandarin is directed to all farmers, cooperatives, citrus nurseries and companies of the citrus industry dedicated to the production of high quality fruit for fresh consumption.

TECHNICAL ADVANTAGES AND BUSINESS PROFITS

- An extensive collection period, which can be started in mid-November and last until late February. The cultivation of this variety is especially suitable for the months of January and February.
- This variety does not produce seed when cultivated in isolated conditions, while in cross-pollination with compatible varieties presents a reduction of 50% in comparison with traditional clementine varieties.
- It is a variety of clementine of high organoleptic quality, with compensated sugar/acidity values, tender flesh, no residues, high juice content and pleasant taste.

STATE OF DEVELOPMENT OF THE VARIETY

The entitlements for this variety belong to the Valencian Institute of Agricultural Research (IVIA).

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Title Application No. 20094862 Plant Variety (Register of Protected varieties, Bulletin No. 3/2009 of 21 May 2009).

Application for registration in the Register of Commercial Varieties No. 20120126 (Bulletin No. 3/2012 of 20 June 2012)

Countries to which it has spread: Europe.

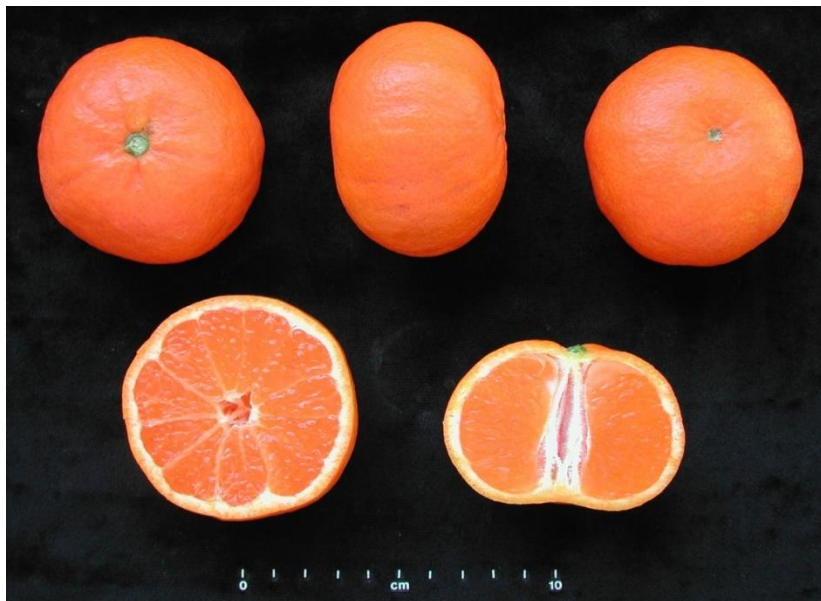
LICENSORS OF THE VARIETY

Agrupación de Viveristas de Agrios, S.A. (AVASA), Viveros Alcanar, Viveros Sevilla S.A., Viveros Gurbí, Viveros Gregal, S.L., , Viveros Centrais, Beniplant, S.L., Viveros Citroplant,., Viveros Sancho Hermanos, S.L., Viveros Codoñol, S.L., Viveros Alcaplant, S.L., Viveros Germans Adell, S.L., Viverfisa Ornamental S.L., Vivers Riu Sènia S.L. Viveros Mijares S.L.

COLLABORATION SOUGHT

Citrus companies interested in exploiting the variety.

RELATED IMAGES



Details of the type of fruit

NEUFINA: A LATE VARIETY OF CLEMENTINE



Fruit just set



Fruits on the tree

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Neufina Tree

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