

Santana[®]

Scab resistance, hypoallergenic
and tasty apple.



ROELOFS
Tree nursery

Santana®

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Origin

Santana® originated in the Netherlands (CPRO-DLO) and is a result of a crossing of Elstar x Priscilla in 1979. Already since 1996 this variety was introduced for the trade. The breeder's rights are in the hands of Fresh Forward.

Variety Properties

Colouring

Santana® is an apple with a stripy bright to dark red blush on a green-yellow background.

Taste

Santana® is a delicious, crispy, juicy and refreshing apple. The flavour is sweet with some acidity and a nice aroma. In a recent tasting (source: Obstbau 4/2011) Santana® scored just as high as Elstar. Santana® produces middle-large, uniform shaped fruit with a good hardness.

Flowering

Santana® flowers medium strong, the flowering time is some days before Elstar and Golden Delicious. Santana® produces mainly on 2-year-old wood.



Cultivation and production

Fruit production is good and comparable to Elstar. For the short-term storage and direct consumption picking time is two weeks after Elstar. If a long-term storage is required, the picking time must be one week before Elstar.

Santana® is resistant to one of the most important fungal diseases in apple growing; black spot. This is a gain for organic growers as it increases their variety choice.

Santana is also referred to as the organic Elstar. Santana® is less susceptible to European cancer, but susceptible to powdery mildew.

Santana® is hypoallergenic, because this variety causes less allergically reactions. The protein Mal d 1, a crossing allergy with pollen of the birch, is the cause of this apple allergy. Because of the higher parts of carbolic acid in this apple, the absorption of this protein is reduced. About 2-4% of the population (in Europe 1 million people) suffers from an apple allergy.

Storage

Santana® can be stored in a CA/DCA cold storage till February. Conditions of 1° C, 4% O₂ and a maximum of 1% CO₂ are advised.

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