

SEED ORCHARD

BELLEGARDE (SDO-VG-001)

QUALIFIED
category

SERVICE TREE – *Sorbus domestica*

CHARACTERISTICS OF THE ORCHARD

- INRAE French research
- Clone orchard
- Planting year: 1999/2006
- Planting location: Bellegarde (Gard) France
- Surface area: 1.4 ha
- Number of clones: 162
- Origin of clones: Occitania, New-Aquitaine, Provence-Alpes-Côte d'Azur, Burgundy-Franche-Comté.
- Pollination method: open



Remarkable service tree

SELECTION CRITERIA

- This species is scattered in the forest throughout the territory. The + trees were selected on the basis of shape and vigour criteria. The trees chosen in Burgundy and Poitou-Charentes, in particular, presented a very good phenotype (straightness and diameter).
- The high genetic diversity of this orchard makes it possible to avoid the problems of consanguinity sometimes encountered with harvesting in the forest, when the trees are too far apart from each other.

GENETIC GAIN

- Selection aims to improve shape (straightness, branching, absence of spiral grain) and growth.
- The large number of clones and the diversity of their origins guarantees good genetic mixing and the absence of consanguinity.



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