

SEED ORCHARD HAUTE-SERRE (PLO-VG-002)

QUALIFIED
Category

Corsican pine – *Pinus nigra corsicana*

CHARACTERISTICS OF THE ORCHARD

- French research INRAE
- Family orchard
- Year of plantation : 1982
- Plantation site: Saint Denis Catus (Lot - France)
- Surface : 13 ha
- Number of families: 52
- Origin of the families : "plus" trees coming from 4 famous stands of Corsica (Aitone, Noceta, Tartagine, Valdu Niellu, Vizzavona)
- Mode of pollination : open



GENETIC GAIN TO EXPECT

- The various evaluations indicate a growth gain of about 10 to 20% compared to the original population.
- Its vigor is close to that of the Sologne-Vayrières.



SELECTION CRITERIA

- 52 "plus" trees were selected in 4 Corsican stands, on the basis of vigor (height and girth), straightness of the trunk, good natural pruning, thinness and horizontality of the branches, absence of forks, wood density and absence of torso fiber.
- Initially installed at high density (4000 plants/ha), this seed orchard benefited from several genetic thinnings, reinforcing the selection for vigor (height) and form (absence of fork and polycyclism)

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