

SEED ORCHARD SOLOGNE-VAYRIERE (PLO-VG-01)

TESTED
Category

Corsican pine – *Pinus nigra corsicana*

CHARACTERISTICS OF THE ORCHARD

- French research INRAE
- Family orchard
- Year of plantation : 1976-81
- Plantation site: Lavercantière (Lot - France)
- Surface : 28 ha
- Number of families: 92
- Origin of the families : 17 stands in Sologne (Centre region - France), 50 to 100 years old.
- Pollination method : open



GENETIC GAIN TO EXPECT

- The different evaluations indicate a growth gain of about 20% compared to the starting population.
- PLO-VG-001 confers a strong juvenile vigor.

SELECTION CRITERIA

- The 92 trees + were selected in the 17 stands, on criteria of vigor (height and girth), straightness of the trunk, good natural pruning, thinness and horizontality of the branches, absence of fork, absence of torso fiber, wood density.
- Initially installed at high density (4000 plants/ha), this seed orchard benefited from several genetic thinnings, reinforcing the selection for vigor (height) and form (fork and polycyclism).



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