

SEED ORCHARD

BARRES-SIVENS (PLA-VG-002)

QUALIFIED
Category

PIN LARICIO DE CALABRE - Pinus nigra Calabrica

CHARACTERISTICS OF THE ORCHARD

- French research INRAE
- Clone orchard
- Years of plantation : 1984 - 1988
- Plantation site: Lisle sur Tarn (Tarn - France)
- Surface: 5 ha
- Number of clones: 96
- Origin of the clones : Calabre les Barres (Loiret - France)
- Pollination method : open



GENETIC GAIN

- This orchard shows a very good improvement for vigor and form (thinness and horizontality of branches), compared to the Calabrian origin.
- In the evaluation tests, Barres-Sivens is the best of all French Laricio orchards for growth, 20 to 30% higher than the Corsican orchard Sologne-Vayrières.
- A significant advantage is that it is among the least sensitive to the red stripe disease (*Dothistroma* sp).
- Very good plasticity (calcareous, acid, humid, dry soils)

CRITERES DE SELECTION

- From the oldest French forestry selection program, started in 1826 with the first generation planted at the Domaine des Barres by Philippe-André de VILMORIN, a Calabrian provenance which later proved to be remarkable for its vigor and form.
- The 3 following generations were further improved, then the best trees were selected in 2 tests of progeny, on vigor and form (absence of fork)



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