

SEED ORCHARD CHAPOIS (PAB-VG-02)

QUALIFIED
Category

NORWAY SPRUCE – *Picea abies*

CHARACTERISTICS OF THE SEED ORCHARD

- French research INRAE
- Orchard of families trees
- Plantation year : 1977
- Plantation place : Sousceyrac (Lot - France)
- Acreage : 6 ha
- Elevation : 700- 730 m
- Number of families : 53
- Origin: Chapois, a 600- 650m elevation forest stand in Jura (mountain range in Eastern France).
- Method of pollination : open



SELECTION CRITERIA

3 steps of selection:

- In Chapois forest, selection of mature Plus-trees based on wood density features.
- At the nursery stage; choice of best offspring for late bud burst features.
- Seed orchard thinned 5 times in 20 years to emphasize on growth potential.

GENETIC GAIN TO EXPECT

Compared to its original forest stand, Chapois-VG shows great features:

- + 10% in volume
- + 10% on late flushing
- + 8% on wood density



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