

MARITIME PINE - *Pinus pinaster*

CHARACTERISTICS

- French research INRAE/FCBA
- Families seed orchard
- Planting year: 2005-2006
- Planting place: Saint Laurent du Médoc (Gironde, France)
- Acreage: 64,3 hectares
- Number of families: 42
- Clone's origins: les Landes area
- Method of pollination: open



EXPECTED GENETIC GAINS

- With this new generation, it is expected a gain of +40% for growth and +30% for stem straightness compared to regular stands.
- The excellent growth enables to shorten the production cycle of about ten years.

SELECTION CRITERIAS

- Third generation of growth (Vigueur) and stem straightness (Forme) also called VF3.
- Selection in five 12 years old progeny tests, on the criteria of trunk diameter, height and basal straightness.
- These clones have been tested to eliminate parents being sensitive to the disease of Pine Twist Rust (*Melampsora pinitorqua*).