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## SEED ORCHARD SAINT LAURENT 2 VF3 (PPA-VG-014)



### **MARITIME PINE - Pinus pinaster**

#### **CHARACTERISTICS**

- French research INRAE/FCBA
- Clonal seed orchard (grafted)
- Planting year: 2006
- Planting place: Saint Laurent du Médoc (Gironde France)
- Acreage: 15 hectaresNumber of clones: 46
- Clone's origins: les Landes area
- Start of production: 2012Method 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).





#### **VILMORIN**

T. +33(0)2 41 79 41 66
semences.arbres@vilmorin.com
Route du manoir
49250 La Ménitré – France
vilmorin-semences-arbres.com

