

ABIES GRANDIS GRAND FIR

Ordinary forest seed stand, Valskov F.813

Objective

Production of high-quality seed and wood.

Origin

The plant material is offspring of Courtenay/Melville, Vancouver Island, BC, Canada.

Composition

The stand appears very impressive with straight stems, thin branches and small variation in stem diameter, and a high growth rate. Even though the stand is 35 - 40 meter high and exposed from west, the canopies are vigorous and healthy. Till now, the stand has been managed according to a traditional forest management scheme with emphasis on the fact that trees with twisted growth, poor shape and large branches were removed. A method of management which is expected to have a positive effect on the offspring.

Selection criteria

Stem form, production, thin branches and health.

Genetic gain

In several progeny trials in Denmark, grand fir provenances from Vancouver Island have proved to be among the best growing.

Comments and recommended planting areas

Offspring of Valskov F.813 has been selected for wood production and suitable for planting all places where recommended to plant *Abies grandis* as a forest species.

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FACTS

Composition

Year of propagation: 1955

Year of establishment: 1958

Origin of plant material when planted out:
Direct import, offspring of large commercial seed lot

Phenotypic thinning: Traditionally forest thinning

Isolation to nearest Grand fir: Minimum 100 m

Reference number: F.813

Reference category: Selected

Reference objective: Wood production

Identification

Species: *Abies grandis*, Grand fir

Supervisor: HedeDanmark a/s, Seed

Location: Valskov, dept. 30a, 31a, 32a, DK

Latitude: N56.322271

Longitude: E10.56168

Altitude: 32 m

Area: 8.94 ha



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