

# PICEA SITCHENSIS SITKA SPRUCE

## Seed orchard C.E. Flensburg FP.608

### Objective

Production of high quality seeds for plants.

### Origin

Bella Coola, British Columbia, CA.

### Selection criteria

The plus trees are selected in shelterbelts in St. Vildmose, Vendsyssel, DK and they have developed well as regards health, stem form, growth and tree crown.

### Improvement programme

The seed orchard was established as a clone seed orchard (by seedlings) comprising 10 clones.

### Genetic thinning

None.

### Qualities

Based on origin, offspring of FP.608 will have the following qualities – moderate growth, wind hardy, late flushing, early maturing, regular and vigorous crone and good stem form.

FP.608 has been part of an offspring test in C.E. Flensburg orchard, where the genetic gain is neutral compared to the initial material. The fatality rate measured during the first year after planting was 0 percent. Therefore, the common opinion is that offspring of FP.608 is a strong plant material and especially suited for planting on locations exposed to wind and frost.

### Application

Especially suited for planting on locations exposed to wind and frost – in all of Denmark.

### HedeDanmark a/s

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## FACTS

### Composition

Year of propagation: 1962-63

Year of establishment: 1966

Origin of plant material when planted out:

10 clones

Design: Randomised

Isolation to nearest *Picea sitchensis*: Min. 500 m

Reference number: FP.608

Reference category: Qualified

Reference objective: Production of wood

### Identification

Species: *Picea sitchensis*

Ownership: HedeDanmark a/s

Supervisor: HedeDanmark a/s, Seed

Location: C.E. Flensburg

Country: Denmark

Area: 2.0 ha

Latitude: N 56° 37.051'

Longitude: E 9° 23.198'

Altitude: 37 m

### Origin

