

# PICEA SITCHENSIS SITKA SPRUCE

## Seed stand Den Jenssen-Buchske Plantage F.865

### Application

Timber of Sitka spruce is used for the production of furniture and building materials. Sitka spruce is a species with a high strength in relation to density, and fine qualities of Sitka are therefore also used for a number of niche productions. Offspring of the seed stand will be suitable for high quality productions. F.865 can advantageously be used in coastal climate zones in large parts of Western Europe.

### Origin and characteristics

The genetics of the seed stand originates from a commercial seed consignment originating from Queen Charlotte Island (QCI), Canada. The offspring of F.865, similar to other Sitka of QCI origin, is expected to have less damage than plant material of Washington origin. This is mainly because the material matures earlier, and this results in an increased robustness against autumn frost, which often harms the cultures at the more exposed localities. The greater robustness results in relatively fewer axis breaks due to frost and wind damage. This also means that the offspring at exposed localities is expected to have a better stem form. The stand has been traditionally managed, leaving only the best individuals after continuous thinning.

The offspring of the stand is therefore particularly suitable for the more frost and wind exposed areas. Under these conditions, the material can provide stands of good growth and quality.

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## FACTS

### Composition

Year of establishment: 1983

Location: Den Jenssen-Buchske Plantage  
dept. 28a

Seed source type: Seed stand

Reference number: F.865

Reference category: Selected

Reference objective: Wood production

### Identification

Species: Picea sitchensis

Ownership: Hedeselskabet

Supervisor: HedeDanmark a/s, Seed

Longitude: 56° 7' 37.47" N

Latitude: 9° 23' 46.82" E

Height above sea level: 115 m

Area: 2.64 ha