

ABIES PROCERA NOBLE FIR

Selected seed stand C.E. Flensburg F.857

Objective

Production of high quality seeds for Christmas trees and greenery.

Origin

The plant material is first generation offspring of C.E. Flensburg FP.623 – approved in the category “Tested.”

Selection criteria

The original material of C.E. Flensburg F.857 has been approved in the category “Tested” regarding the quality “blue colour”, and fewer needles – “red needles” (Current Season Needle Necrosis = CSNN) have been documented in the offspring. Furthermore, trees with poor branch structure have been removed from the stand.

Genetic gain

Based on the results of provenance trials, C.E. Flensburg FP.623 is among the highest ranked Danish provenances concerning “blue colour” and less needle damage caused by “red needles”. This places FP.623 among the highest-ranking provenance regarding profit per hectare. Qualities expected to be inherited in offspring of F.857 and at same level or slightly higher than the original material.

Recommended planting areas

Offspring of F.857 is suitable for production of Christmas trees and greenery all places where recommended to plant Noble fir.

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FACTS

Composition

Year of propagation: 1996

Year of establishment: 1998

Origin of plant material when planted out:
Commercial seed consignment represented
by minimum 75 families

Phenotypic thinning: Selected for colour and
the cover ability of the branches

Isolation to the nearest Abies procera: 200 m

Reference number: F.857

Category: Tested

Objective: Christmas trees and greenery

Identification

Species: Abies procera

Ownership: Hedeselskabet

Supervisor: HedeDanmark a/s, Seed

Latitude: N 56.621266

Longitude: E 9.416555

Altitude: 32 m

Area: 1.93 ha