

Abies nordmanniana (Nordman fir)

Seed orchard Valloe FP.620



Purpose

Production of *Abies nordmanniana* seeds of high quality.

Recommended use

Due to the progeny's uniform habit, it is well-suited for Christmas tree and greenery production.

Well-suited for container production.

FACTS

Composition

Year of propagation: 1962-64

Year of establishment: 1966-1968

Parent trees planted initially: 23 families

Parent trees removed: 5 - April 2001

Design: Spacing 6 x 6 m

Isolated: No other *Abies* sp. in the area

Country: Denmark

Reference number: FP.620

Category: Qualified

Identification

Species: *Abies nordmanniana* (botanical name) Nordman fir (common name)

Ownership: Det danske Hedeselskab

Supervisor: HedeDanmark a/s, Forest Seed

Location: Valloe Storskov

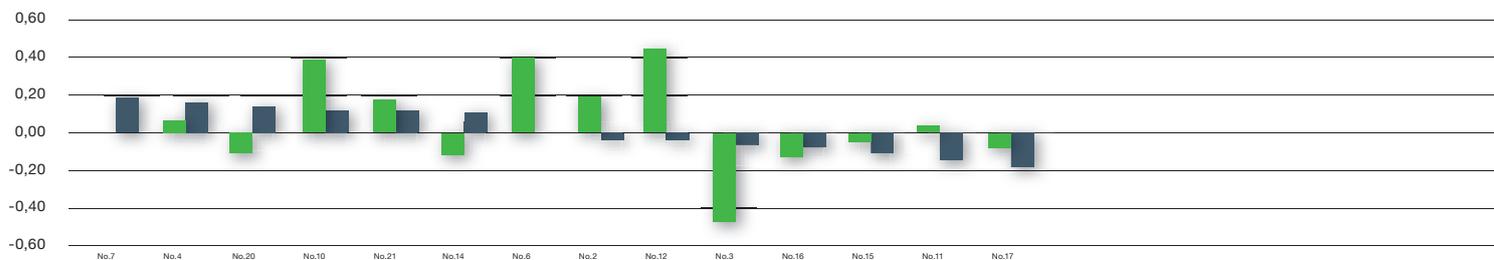
Latitude: 56°20 N

Longitude: 12°20 E

M.a.s.l.: 62 M.a.s.l.

Area: 3.0 ha

■ Christmas tree score. "Original Nordmann" ■ Needle retention



Basic material

The families included in the seed orchard have been selected from approved Danish seed stands. The genetical material originates from North Caucasus, Russia, except for family No. 12 and 13 that originate from Borzoi, Georgia. The selection was based on health and heavy branches with good coverage. Furthermore, the families have been selected for late flushing.

Needle retention

The individual parent trees have been tested for needle retention. See diagram.

Seed treatment

The seed needs a pre-treatment before sowing. It is recommended to soak the seed in cold, running water for 24 hours. Hereafter a cold treatment of 5-6 weeks at 5°C. Sowing in May. Number of seedlings per kilo: 5000 – 7000 2-year seedlings.

HedeDanmark a/s

Forest Seed
Krogårdsvej 6
Tvilum
DK-8882 Fårvang

M: +45 21 70 04 64
F: +45 86 87 21 83
T: +45 86 87 16 55
seed@hededanmark.dk
www.hdseed.dk