

Abies procera (Noble fir)

Seed stand Bidstrup F.545



Purpose

The seed stand Bidstrup F.545 was established with the primary purpose of producing greenery. In 1987, the Research Centre for Forest and Landscape (FSL) established a test series involving 29 Danish noble fir provenances at four locations in Denmark.

Test results

Regarding production of cut greenery and with its yield in kg x net on roots, F.545 is second best surpassed only by Linå Vesterskov F.404. As for the results regarding Christmas tree properties, F.545 is by far the best as far as Christmas tree percentage is concerned.

FACTS

Composition

Propagation year: 1958

Progeny: Overgård F. 402, dpt. 6, progeny of F.240a

Selected: 1986

Genetic thinning: The thinning process selection was based on health, needle density and branch development

Country: Denmark

Reference number: F.545

Selection category: selected

Identification

Species: Abies procera (botanical name) Noble fir (popular name)

Ownership: Bidstrup Gods

Supervisor: HedeDanmark a/s, Forest Seed

Location: Volstrup Skov, dpt. 182a

Latitude: 56°19 N

Longitude: 09°57 E

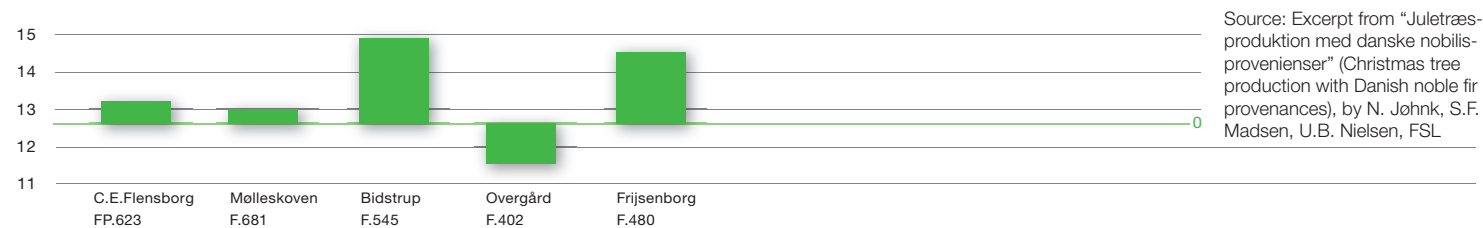
M.a.s.l.: 50 m.a.s.l.

Map references: A1608

Areal: 1,65 ha

CROP VALUE FOR CHRISTMAS PERCENTAGE (IN %)

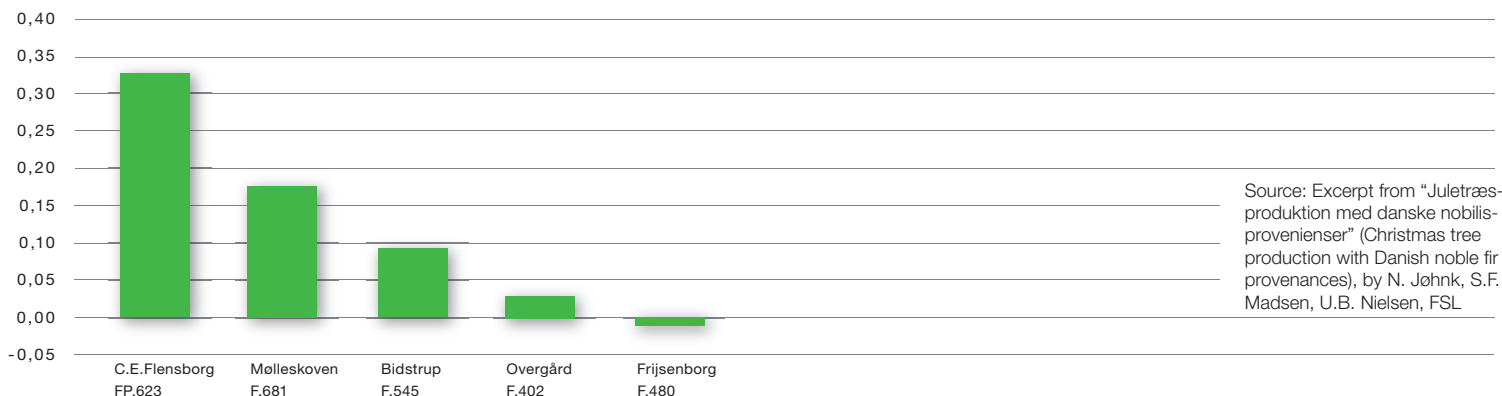
The crop values lie between 8.5% and 17.8% Christmas trees based on the entire test series; the mean value is 12.7%. 0 represents the mean value of the 29 tested provenances



Source: Excerpt from "Juletræsproduktion med danske nobilisprovenienser" (Christmas tree production with Danish noble fir provenances), by N. Jøhnk, S.F. Madsen, U.B. Nielsen, FSL

NEEDLE COLOUR VALUES

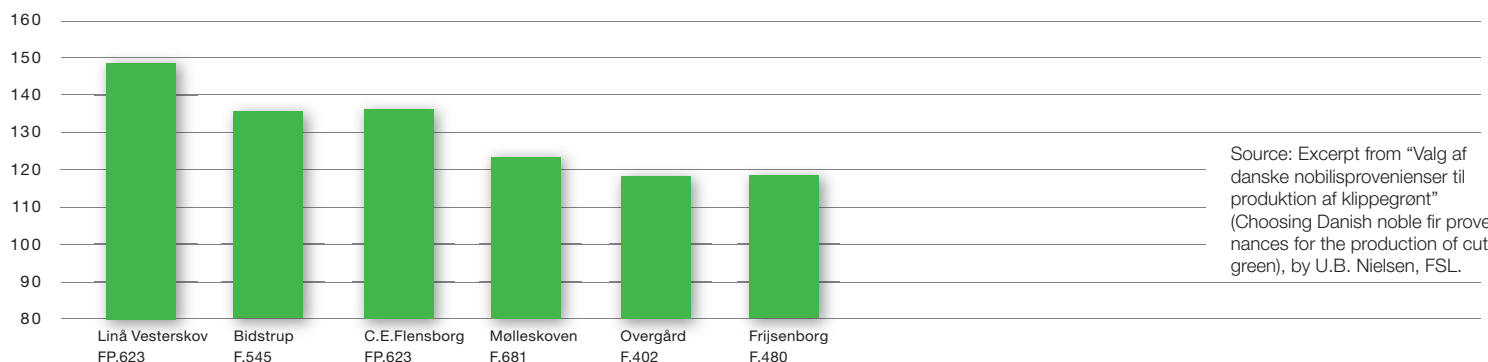
0 = average



Source: Excerpt from "Juletræsproduktion med danske nobilisprovenienser" (Christmas tree production with Danish noble fir provenances), by N. Jøhnk, S.F. Madsen, U.B. Nielsen, FSL

EARNINGS IN DKK '000/HA:

Net on root price in which quality differences are included and earnings in DKK/ha.



Source: Excerpt from "Valg af danske nobilisprovenienser til produktion af klippegrønt" (Choosing Danish noble fir provenances for the production of cut green), by U.B. Nielsen, FSL.

Genetic gain

Bidstrup F.545 is a reliable choice if you wish to select and cut Christmas trees, ensuring at the same time that the quality of the remaining trees is such that they will continue to generate a high net on root yield at cutting.

Red needles

Bidstrup F.545 is also characterised by being among the Danish provenances with the lowest level of needle damage.

Use

Can be used wherever it is recommendable to plant noble fir, i.e. for greenery as well as Christmas trees.

HedeDanmark a/s

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