

Pinus mugo var. mughus

Seed orchard Truust L.127



Objective:

Production of Mugo pine seeds of high quality.

Description:

Progeny of the seed source will be of a low growing type, approximately 1-1.5 m high, infrequently 2 m. The growth habit will range from flat to globe shaped, and upright shoots will be densely branched.

The needles will be 4-5 cm long, dark green, healthy and remain on the tree for 2-3 years, compared with needle retention for up to 2 years in the case of unimproved Mugo pine.

Recommended use:

The progeny is well suited for landscape planting, gardens and parks all over North-western Europe.

Due to the uniform growth of the progeny, it is well suited for hedges, solitary plants and for group plantings. It is also well suited for container production.

FACTS

Composition

Year of propagation: 1982-1995

Year of establishment: 1992-1995

Parent trees represented at establishment: 7

Parent trees removed: None

Design: Spacing 3 x 6 m

Isolation to the nearest Pinus mugo: Approximately 2,500 m

Country: Denmark

Selection number: L.127

Selection category: Tested

Identification

Species: Pinus mugo var. mughus

Ownership: HedeDanmark a/s

Supervisor: HedeDanmark a/s, Seed

Location: Truust, department 726

Latitude: N56°16,394'

Longitude: E09°41,284'

Altitude: 58 meters above sea level

Area: 1.71 ha



Typical clone, *Pinus mugo* var. *mughus*, Truust department 726, reg. no. L.127



Seed orchard *Pinus mugo* var. *mughus*, Truust department 726, reg. no. L.127

Basic material:

The clones in the seed orchard have been gathered in their natural area of distribution in the Hohe Tatra Mountains.

The selection criteria are: healthiness, wind hardiness, uniformity and dense branching.

Seed treatment:

The seed can be sown dry, but faster germination can be obtained by soaking in cold, running water for 24 hours prior to sowing.

50,000-60,000 2/0 plants are normally produced from 1 kg of seed.