# Smørhaverne FP1101



Passion for growth





Smørhaverne, Fyn, Denmark

Shape	7 / 10
>>>>>>	<b>&gt;&gt;&gt;</b>
Shoot lenght	5 / 10
>>>>>	<b>&gt;&gt;&gt;</b>
Branch angle	7 / 10
>>>>>	>>>
Winter frost resistanc	e 5 / 10
<b>&gt;&gt;&gt;&gt;</b> >>	>>>
Needle density	8 / 10
>>>>>>	<b>&gt;</b> >>

Flushing

>>>>>

# Smørhaverne FP1101

# Geography / origin

The seed orchard consists of high grafted Nordmann Fir originating from selected plus-trees in Tversted F526 and F527. The mother stands are believed to be of Borjomi origin and established in the beginning of the 1900's as forestry production stands. As the majority of seeds imported from Georgia up until 1904 were from the Borjomi area, it is believed, that the stands in Tversted are of this origin.

The orchard is located near Snave on the island of Fyn. The orchard was established in 2008 and consists of 15 clones selected among 78 clones from Tversted F.526 og F.527. These were part of a large series of clonal progeny tests conducted in cooperation between IGN and the Danish Nature Agency with the economic support of PAF.

The seed orchard was approved for production of Christmas trees and ornamental greenery in 2019. The seed production is certified organic.

#### Type, shape and growth

FP1101 produces a relatively slender tree, marginally slower growing and less broad in comparison with the general Tversted offspring. Density is comparable to the other elite clones from Tversted and thus ideal for production og Christmas trees for a wide range of market depending on the intensity of pruning and leader control.

### Research and exeperience

Research has shown, that it is expected FP1101 will yield 10 - 15 % more On quality trees compared to the parent material. FP1101 has an expected increase in after harvest quality resulting in a +20% reduced risk of needle loss, thus providing customers with a better and more resilient product and in the end less losses. Flushing is only marginally delayed.

# Security of supply

FP1101 was acquired by Majland A/S in the beginning of 2023 and Majland A/S has the sole rights to this seed source. The acquisition is a furthers step towards providing our customers with the best possible planting material in the future. FP1101has been in production for a number years. Supply in latter years has been steadily increasing and we look forward to having this excellent seed source in our "tool box" for years to come, together with our other brands, A10, Bredal Select, Knuthenborg F844 and FP1100.