



Plants for  
Christmas trees  
and Greenery



## Dramstrup FP.1002

### Seed Source Description

**ORIGIN:**The material is assumed to originate from the Borshomi area in Georgia. It was introduced around 1900, and several common production stands were established. Three of these stands were later selected for seed production for Christmas tree cultivation (F.525 Uggerby, F.526 Tversted, and F.527 Tversted).

### BREEDING PROGRAM

In collaboration between the Department of Geoscience and Natural Resource Management (IGN) and the Danish Nature Agency, with support from the Applied Research Fund (PAF), offspring from a wide range of selected plus trees have been tested in trials. This includes 78 plus trees from the stands in Tversted (F.526 and F.527). Selection criteria were health and ornamental green quality.

### CLONE SEED ORCHARD

The seed orchard consists of clones from 10 plus trees from the Tversted pool. Grafting was conducted in the period 2012-2016. The seed orchard is high-grafted onto an existing Nordmann fir plantation.

### GENETIC IMPROVEMENT

The seed source is a so-called 1.5-generation seed orchard, where the selection of clones is based on previously tested material. The clones in the seed orchard are chosen with a particular focus on improving Christmas tree quality (percentage of ON trees).

### CHARACTERISTICS

The 10 clones are expected to bring significant improvements to the selected traits.



**Johansens Planteskole**

*Rooted in Knowledge*

Damhusvej 103 • DK-7080 Børkop  
Tlf +45 75 86 62 22 • johansens-planteskole.dk