



Plants for  
Christmas trees  
and Greenery



# Kongsøre FP.267

## *Abies bornmülleriana*

### GEOGRAPHY

The seed orchard originates from Bolu Kökez in Turkey. In 1987, a 2-hectare Christmas tree plantation was established at Wedellsborg Estate in Denmark. Among the total of approximately 13,000 trees, 80 plus trees were selected at the age of 8 years from seed. These trees were chosen based on being the best Christmas tree types and were monitored for three years before harvesting the grafts. The selection criteria included late flushing, vitality, slim shape, symmetry, many internodal branches and buds, as well as healthy needles.

### TYPE, SHAPE, AND GROWTH

The offspring from this seed orchard flushes later in the spring compared to Ambrolauri Tlugi. As a result, it is significantly less exposed to spring frost damage than imports of *Abies bornmülleriana* from Bolu Kökez or Turkey in general. The trees exhibit more vigor, a naturally darker green color, uniform growth, and an excellent shape. An additional positive aspect of this species is that it appears to be less attractive to pests compared to *Abies nordmanniana*.

### RESEARCH AND EXPERIENCE

The initial trials of the offspring from the seed orchard have already shown promising results. In a trial comparing 32 provenances of *Abies nordmanniana* and *Abies bornmülleriana*, it ranked in the top 3 for Christmas tree quality.

### SECURITY OF SUPPLY

The current production of the Kongsøre FP 267 seed orchard is on average around 500 kg, which is not sufficient to meet the market demand for seed from this excellent seed source. Consequently, seed will be distributed and shared among interested customers. A larger 1.5-generation seed orchard, based on the best 20 clones from the Kongsøre seed orchard, was grafted in 2014, with the first commercial cone crop expected around 2024.



**Johansens Planteskole**

*Rooted in Knowledge*

Damhusvej 103 • DK-7080 Børkop  
Tlf +45 75 86 62 22 • [johansens-planteskole.dk](http://johansens-planteskole.dk)