



Plants for
Christmas trees
and Greenery

Ambrolauri/Tlugi

GEOGRAPHY

The Ambrolauri/Tlugi Forest District covers approximately 8,000 hectares of hills and mountains. About 20% of the trees in the district are *Abies nordmanniana*, primarily located on the lowest part of the north-facing slopes and in pure stands. The main harvest area extends from Lake Shaori at an altitude of 1,140 meters, about 5-6 kilometers towards the east and up the mountainside. While the forest extends to an altitude of 2,000 meters, only a few individuals of *Abies nordmanniana* thrive above 1,600 meters.

TYPE, SHAPE, AND GROWTH

Ambrolauri/Tlugi trees exhibit moderate growth. They are characterized by a well-structured shoot with an optimal distribution of needles, high needle density, and wide, forward-pointing needles. The late flushing time makes this provenance less susceptible to late frost damage in the spring when cultivated for Christmas trees.

RESEARCH AND EXPERIENCE

Ambrolauri/Tlugi is widely recognized and sold as a provenance of *Abies nordmanniana*, with an estimated 60% of all saplings planted in Europe carrying this label. It has been part of various trials, including the Danish field trial "Russer-serien" in the 1970s. It is considered as one of the best provenance for European conditions and is regarded as the industry standard, providing the highest yield, followed by Borjomi/Tadzrici. Trials have demonstrated the stability in yield over the years when cone harvesting is conducted in a traceable way and at well-defined locations.

SECURITY OF ORIGIN AND DELIVERY

Significant variation within and between stands of Ambrolauri Christmas trees indicates challenges in ensuring the security of origin of seed marketed as the Ambrolauri/Tlugi provenance. Levinsen and Johansens has long set the standard for secure and traceable collections in well-defined areas, ensuring further traceability through the cleaning process. This leaves no doubt about the security of origin for the end user. Harvesting licenses are held for compartments 2, 14, 15, 17, and 27 in Ambrolauri/Tlugi, providing access to quality and quantity that ensures the best possible security of delivery for customers.



Johansens Planteskole

Rooted in Knowledge

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