



# Contact

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## Climate-stable mixed forests

*„We have much to gain if we take decisive action to care for our forests. We must strengthen and stabilize them so they can protect us. Our forests are our most important allies in tackling the climate crisis.“*

Excerpt from the 2023 Forest Policy Keynote Speech  
Federal Minister of Food and Agriculture

Project funding  
by



## Project partner



HUMBOLDT-  
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**TITAN-LARCH®**  
The future of the forest starts here.

Revolutionary Propagation: Unlimited Clone  
Multiplication of the Best Crossbreeding Combinations  
Without Seed Dependency!

# ADVANTAGES

- ◆ Pioneer tree species with high late frost tolerance and storm resistance
- ◆ Excellent for cultivation in open areas, initial or reforestation projects
- ◆ Noticeably less sensitive to drought
- ◆ Robust and resistant to diseases and pests
- ◆ High site tolerance / suitable for high altitudes
- ◆ Particularly strong, fast-growing, and climate-stable hybrid larch
- ◆ Available in any quantity through somatic embryogenesis
- ◆ No use of genetic engineering
- ◆ Reduces dependence on seeds of varying quality



## IMPORTANCE AS A HABITAT

- ◆ Due to its pioneer character, it creates linear structures that help divide large open areas
- ◆ This creates different ecological fields – allowing the settlement of species with various requirements
- ◆ Formation of an extensive pre-forest through the rapid growth of the TITAN larch
- ◆ The canopy effect enables tree species unsuitable for open spaces to grow and further develop
- ◆ Serves as a habitat for a variety of insects, fungi, and mosses

## WOOD PROPERTIES AND USES

- ◆ Faster establishment in forests due to delivery with root ball
- ◆ Significantly superior growth – enables quicker timber harvest
- ◆ High durability and weather resistance of the heartwood – suitable for long-lasting constructions
- ◆ Versatile applications, e.g., construction timber, furniture, windows, flooring, and shingles
- ◆ A sustainable alternative to tropical woods for outdoor use
- ◆ One of the most valuable softwoods
- ◆ Sought-after, heavy, and hard wood (permanent CO<sub>2</sub> storage)
- ◆ Well-defined annual ring boundaries
- ◆ Distinctive reddish-brown heartwood, clearly contrasting with the pale yellow to reddish sapwood

