

Paulownia
Kiri-Trees
EcoTimber[©]

Paulownia **EcoTimber**© for Sustainable Cultivation

Paulownia, also known as the Kiri tree, are fast-growing hardwoods cultivated on short-rotation plantations (SRPs). Only rapidly growing species are suitable for SRPs, and Paulownia surpasses even poplar and willow in terms of annual wood growth. The fact that Paulownia re-sprouts after harvesting, eliminating the need for replanting, further supports this cultivation method.

Due to the depletion of fossil resources and rising energy costs, rapidly renewable resources are becoming increasingly important for energy production. The goal of a short-rotation plantation is to produce renewable wood resources within a brief period—typically between three and ten years.

The harvested wood from an SRP is primarily processed into wood pellets and wood chips. Legally, SRPs are considered agricultural land, provided they are harvested at least once within twenty years of planting. This exempts them from the complex regulations of forestry law. SRPs are gaining popularity across Europe, offering an economically and ecologically sound alternative to intensive agriculture.





As specialists in Northern Germany, we have selected specific varieties of *Paulownia elongata* for Northern Europe to ensure optimal growth in our climate. These varieties, characterized by their upright growth, minimal branching, and resilience to cold winters after the first few years, are robust and exceptionally fast-growing even in cooler climates. We propagate these varieties in vitro and produce clones to ensure uniform growth and provide our customers with the highest quality young plants.

In collaboration with foresters from Northern Germany, we have spent decades selecting hybrids for **EcoTimber©** that meet the climate demands of our region. We have focused exclusively on *Paulownia elongata* and *Paulownia tomentosa*. This has led to the development of our variety **EcoTimber© Orion**, an *elongata* hybrid, and **EcoTimber© Zenith**, a cross between *elongata* and *tomentosa*. These hybrids are specifically bred to thrive in cooler climates, ensuring robust growth and resilience.

The **EcoTimber©** series is named to reflect our commitment to sustainable and eco-friendly timber production. Each variety in the EcoTimber series represents our dedication to high-performance forestry that meets the demands of modern environmental and economic challenges.






EcoTimber[®] Orion

species	Paluownia elongata
available	in vitro and plugs
plugs (with roots)	72 tray
No. 5424	 genuine genetic





EcoTimber[®] Zenith

species	Paluownia tomentosa x elongata hybrid
available	in vitro and plugs
plugs (with roots)	72 tray
No. 5425	 genuine genetic





PersonalVault©

Exclusive Cloning Service

Do you have a unique tree with outstanding characteristics? Would you like to plant your entire plantation with trees exhibiting these exceptional traits? Contact us—we clone your exclusive varieties!

Here's how our service works: We guide you on the exact timing and method for taking explant material, or we can handle the collection ourselves. We meticulously clean and disinfect the plant parts, then extract the meristem through various precise steps. If desired, we can have your clone's health tested by an accredited laboratory to ensure its quality.

This process guarantees disease-free plants and year-round availability. Our expertise ensures uniform growth and the highest quality young plants, making your clone, your own variety, available worldwide throughout the year. You can scale the quantity for your plantation or for your customers' needs.

Contact us today to learn more about how we can help you propagate and scale your exceptional trees!





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