

Sustainability & the environment

- The Paulownia tree has beautiful large leaves and beautiful flowers (up to 6 cm in diameter) and a beautiful crown.
- It has up to 10 times the capacity of a regular tree to capture carbon dioxide(CO₂).
- One Paulownia tree captures 98kg of CO₂ , 1 acre of 450 trees captures 44 metric tonnes of CO₂ per year.
- It grows and matures extremely fast (7 to 8 years) and can be felled multiple times before having to be replanted.
- Paulownia timber from sustainable forests is used in a wide range of industries.
- Its high ignition temperature makes it ideally suited to be planted in areas where wildfires are a regular occurrence.
- Its leaves (foliage mass) are often used for fattening of cattle. (cows, sheep, goats, etc.)
- Extracts from the leaves are included in the composition of medicines, creams and perfumes.
- One hectare of Paulownia trees can generate up to 800 kg of honey.
- Its edible flowers are a part of some European restaurants menus.
- Strong resistance to diseases and insect pests makes it ideal for reforestation.
- Agroforestry, the Paulownia tree is suitable to plant amongst other crops such as wheat and corn.
- In the energy sector the Paulownia tree is used for biofuel, biogas bioethanol, pellets, and timber chips.



Paulownia Tomentosa

