

CANADIAN EMPRESS™

Trees For Canada

Non-Invasive*

Premium Hardwood for Furniture/Veneer/Biofuels

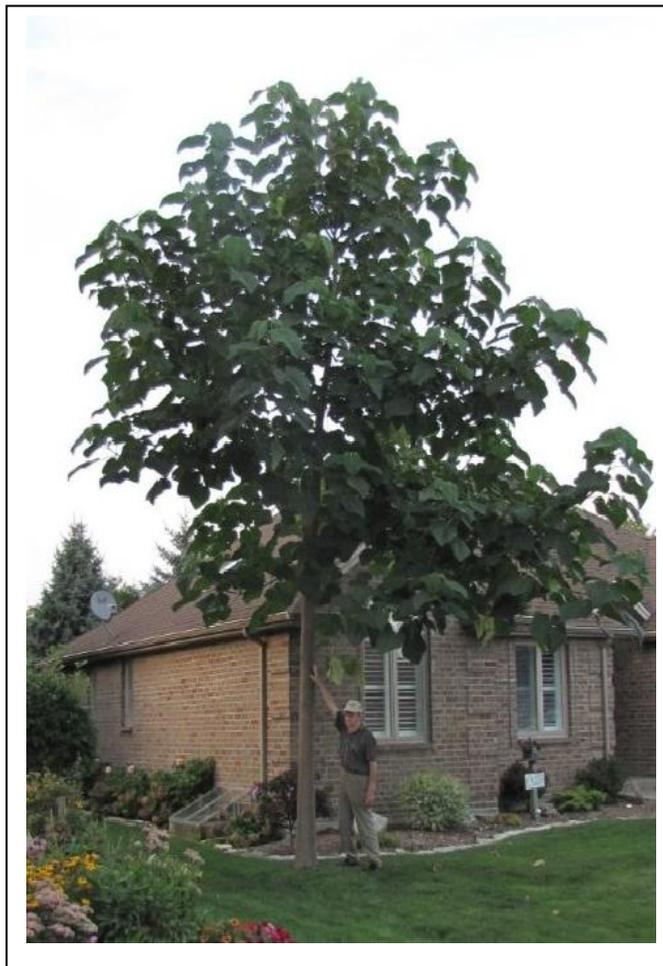
Fossil evidence indicates that the Empress tree was in North America prehistorically, although currently it is listed as native to China. Until the Australian's started pruning and managing the Empress it's very rapid growth was not evident. 20+ Countries around the world are growing the Empress. The extremely fast growth consumes large quantities of carbon while producing high quality knot free hardwood and/or biofuel pellets. Canadian Empress™ Trees can be grown as a bush for visual block and biofuel or as trees. Our Canadian Empress™ Trees are Canadian grown, exclusively for W.R. Smale Co. (1979) Ltd. in Ontario.

4 YEAR OLD CANADIAN EMPRESS



High consistency in cloning starts our Canadian Empress™ Tree startlings with the best advantages.

The lavender coloured jasmine scented cluster blooms usually happen in the 3rd spring and each year until harvest. The rich high pollen content is highly desired in the bee keeping industry. Honey may have a lavender tint.



Empress tree are currently rated to be hardy in the -23° C of a zone 6. The Agricultural management style (larger plant with extra large root ball and fertilizer program) developed by Smale for use in Canada makes giant steps toward growth in colder zones. In addition, climatizing in zones down to zone 2 is in process. Almost any non-flooding (4 ft above the water table) soil type can be accommodated. Sandy loam is ideal. Most soil types need additional nutrients for trees to excel.

Trees for shipping, available approximately May 1 and are 8-10" tall with gallon root ball, in cartons of 6. Orders to pick up are a minimum of three 24" tall trees. Planting season can be as early as mid-May, weather permitting, through to the middle of July. We can plant your plantation (min 300 trees) for you.

***Only 1 (of 13) variety of the Empress Family is invasive. It CANNOT BE IMPORTED into Canada. The Canadian Empress™ Tree is NOT INVASIVE!**



Empress trees consume huge amounts of carbon dioxide and have great fertilizer value.

This first year leaf measures 34" across. The leaf size diminishes as the tree ages.

Our Canadian Empress™ Tree Plantation Programs:

For rapid growth of the Canadian Empress™ Trees to be maximized, **they need ongoing timely management, fertilization and attention to yield high carbon and premium wood.**

The Carbon verification /harvest process and sale are very complicated procedures. Empress wood is new. We plan to be involved to see that it is properly marketed. The programs are setup to involve discussion/ consulting /planting/maintaining/ harvesting and marketing your wood and carbon.

Contact us to personalize a program for your plantation.

Properly managed, the Canadian Empress™ Tree yields knot free long grain premium hardwood, ideal for furniture and veneer. The light weight, honey coloured, wood will air dry in 60 days with high split and warp resistance, high strength to weight ratios, and excellent machine-ability. It accepts stain well. A log 16" dia. by 16 ft long is 100+ board feet. The low end of the current furniture grade lumber market is about \$3.00 board ft. Veneer low end is \$11.00 board ft. High quality biofuel pellets at 40 lbs/ft³ with btu ratings 11.5% higher than pelleted hardwood and higher than biofuel grasses.

The Carbon market is very new and complex. Carbon is the lowest common denominator for all the greenhouse gasses and the unit of measure chosen for trading.

1 metric tonne of carbon = 3.7metric tonnes of Carbon Dioxide removed or kept out of the atmosphere for 365 days/ 1 year

- Each tonne of mass a tree produces is 35-50% carbon(species specific)
- Therefore the faster the Canadian Empress™ tree grows the more carbon it sequesters/ stores.
- Surplus (more than your carbon deficit/footprint/the pollution you are emitting) may be verified/harvested and sold. As part of our programs we can handle all of this for you.



FOR MORE INFORMATION, CONTACT US AT:

Canadian Empress™ Trees for Canada

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Or email us at:

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Detailed information for plantations:

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