

Populus x canadensis

INTRODUCTION

Populus canadensis is a deciduous broadleaf tree that grows quickly, reaching 30 m in height.

It is an hybrid species come up from *P. nigra* and *P. deltoides* breeding, originally selected in France. A lot of different clones have been originated from this cross breeding.

It has been used extensively for windbreaks.



Photo: www.piante-e-arbusti.it

GENERAL INFORMATION

Scientific name: *Populus x canadensis*
Moench

Synonym: *Populus x euroamericana* Guinier

Parental species: *P. deltoides* × *P. nigra*

Common name(s): Carolina poplar
(English), Pioppo canadese (Italian)

Family: *Salicaceae*

DESCRIPTION

Height: 30 m

Trunk diameter: 35 cm (after 10 years)

Crown shape: rounded

Growth rate: fast (more than 46 cm per year)

Root habit

P. canadensis has an extensive and aggressive root system, which can invade and damage sewer lines.

Foliage

Leaf arrangement: alternate

Leaf type: simple

Leaf margin: crenate margin and an acute tip

Leaf shape: elliptic, larger than *P. nigra* leaves

Leaf venation: reticulate

Leaf type and persistence: deciduous

Leaf color: green

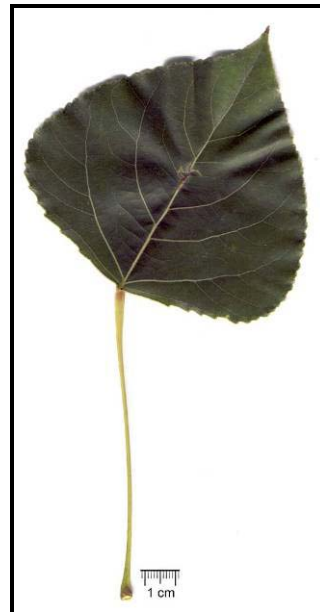


Photo: www.piante-e-arbusti.it

Flower

Flower color: red

Flower characteristics: The buds are conical, long, narrow.



Photo: [www. en.wikipedia.org](http://www.en.wikipedia.org)

USE AND MANAGEMENT

It is extensively used for windbreaks and in construction industry.

Pests and diseases

It is susceptible to canker diseases.