##  Species Description

**15-20m**

**12-15m**

* Deciduous, but holds leaves well into winter
* Tall tree with pyramidal form
* Dark grey bark
* Lustrous [glabrous](http://www.tams.act.gov.au/treeselector/glossary#_Toc338680233) leaves with very deep [sinuses](http://www.tams.act.gov.au/treeselector/glossary#_Toc338680262), turning brilliant red in autumn
* Insignificant grey-green male [catkins](http://www.tams.act.gov.au/treeselector/glossary#_Toc338680218) and yellow-green female flowers in spring
* Acorns to 25 millimetres long with a deep bowl-like cap

## Height and width

15 to 20 metres tall by 12 to 15 metres wide

## Species origin

Eastern USA from Montana to Florida

## Landscape use

* Available Soil Volume required: ≥70m3
* Ideal for use in urban parks or as a street tree on wide verges

## Use considerations

* Performs well in Canberra
* High frost tolerance (to minus 7 degrees Celsius) and high drought tolerance
* Grows on most soils found in Canberra
* [Long lived](http://www.tams.act.gov.au/treeselector/glossary#_Toc338680241)
* Moderate growth rate
* Low flammability
* Retains leaves to mid-winter which may cause issues for solar access
* Acorns may be a nuisance in pedestrian areas
* Produces pollen

## Examples in Canberra

Rohan Street, Richardson; Walton Street and Rowntree Crescent, Isaacs and Timboram Street, Amaroo

## Availability

Commercially available