##  Species Description

**18m**

**15m**

* Deciduous
* Large tree with conical shape until mature
* Grey-brown bark, developing thin ridges and furrows with age
* Deep green summer foliage and striking red-brown autumn foliage
* Leaves drops quickly in autumn, unlike the widely used *Quercus palustris*
* Male flowers borne on drooping yellow-green [catkins](http://www.tams.act.gov.au/treeselector/glossary#_Toc338680218) and female flowers borne on short spikes in spring
* Small acorns with thin saucer-like caps

## Height and width

18 metres tall by 15 metres wide

## Species origin

North-eastern to mid-west USA

## Landscape use

* Available Soil Volume required: ≥70m3
* Can be used in large scale landscapes such as parks, wide street verges and schools/commercial areas
* Provides dense shade in summer
* A useful large tree near playgrounds

## Use considerations

* Very suitable for Canberra’s climate
* High frost and drought tolerance
* Grows well in a wide range of soil types and tolerates all drainage conditions
* [Long lived](http://www.tams.act.gov.au/treeselector/glossary#_Toc338680241)
* Establishes well and is fast growing
* Low flammability
* Requires formative pruning when young and lower branch removal as tree matures
* Acorn drop may be a nuisance in pedestrian areas
* Produces pollen

## Examples in Canberra

Entrance to Lindsay Pryor Arboretum and the National Arboretum Canberra

## Availability

Commercially available