

Design Standards for Urban Infrastructure

Plant Species for Urban Landscape Projects in Canberra

Botanical Name: *Quercus engelmannii* (Qen)

Common Name: mesa oak

New Design Standards Species

Species description

- [Semi-evergreen](#) to evergreen
- Medium sized, broad spreading, round headed tree
- Grey-green bark
- Leaves are small, almost entire and dull green
- Narrow, drooping yellow-green male [catkins](#) and inconspicuous female flowers
- Stout egg-shaped acorns

Height and width

15 metres tall by 14 metres wide

Species origin

Southern California, USA to Baja California, Mexico

Landscape use

- Available Soil Volume required 59m³
- Appropriate for park or broad street plantings, or a specimen tree with appropriate space
- Worth considering for dry sites
- Requires a minimum clearance of 8 metres from buildings

Use considerations

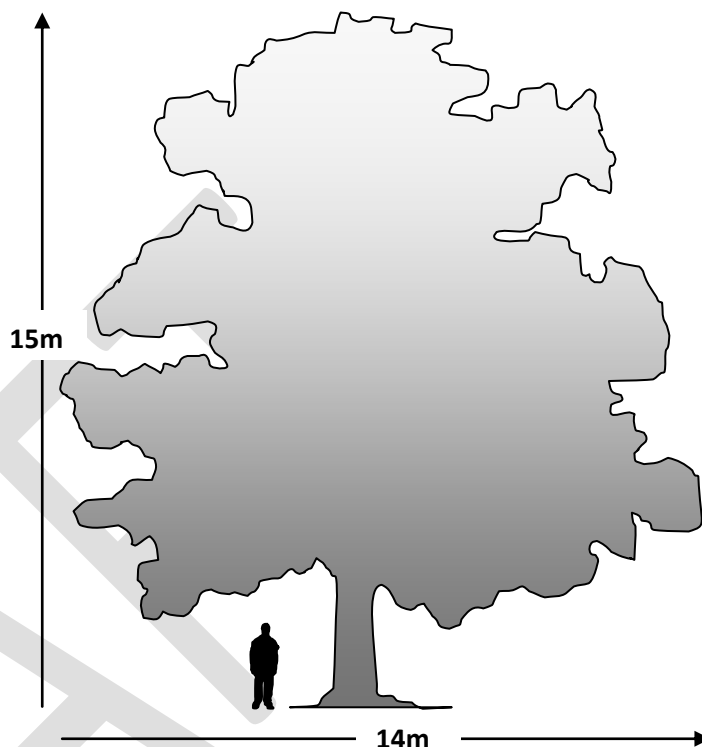
- Suitable for Canberra's climate, growing naturally in a Mediterranean climate
- High frost and drought tolerance
- Has grown well in shaley to clay loam soils in Canberra
- [Long lived](#)
- Slow growing
- Low flammability
- May be affected by oak leaf miner
- Dense evergreen foliage could impede solar access if planted inappropriately

Examples in Canberra

Caladenia Street, O'Connor; Westbourne Woods and the National Arboretum Canberra

Availability

May requiring forward ordering



ACT
Government

Territory and Municipal Services