



Design Standards for Urban Infrastructure

Plant Species for Urban Landscape Projects in Canberra

Botanical Name: *Quercus acutissima* (Qac)

Common Name: Sawtooth oak

Species Description

- Deciduous
- Medium sized tree, pyramidal when young and with a rounded crown at maturity
- Dark brown bark, becoming deeply fissured as the tree matures
- Unusual chestnut-like foliage that is dark bright green, becoming golden in autumn
- Golden [catkins](#) in spring
- Acorns are two centimetres long and enclosed in the cup by two thirds

Height and width

15 metres tall by 15 metres wide

Species origin

Himalayas, China, Japan, Korea

Landscape use

- Available Soil Volume required: $\geq 70\text{m}^3$
- Can be used as a street and park tree on larger sites only

Use considerations

- High frost tolerance and moderate drought tolerance
- Prefers moist, acid soils but can tolerate poor soils
- Grows best in full sun
- [Long lived](#)
- Slow growing
- Low flammability
- Can suffer dieback as a result of prolonged drought
- Tree can fruit heavily and acorn drop can be a nuisance in high-traffic pedestrian areas
- Not commonly grown

Examples in Canberra

Arunta Street, Narrabundah and Jarrah Street, O'Connor

Availability

Commercially available from nurseries and seed stock, however is likely to require forward ordering

