



Design Standards for Urban Infrastructure

Plant Species for Urban Landscape Projects in Canberra

Botanical Name: *Platanus orientalis* (PLo)

Common Name: Oriental Plane

Species Description

- Deciduous
- Large upright tree with long branches
- Attractive smooth light grey/white bark
- Deep green attractive [palmately lobed](#) leaves, turning red/yellow in autumn
- Inconspicuous flowers in spring
- Fruit is round and burr-like and borne in clusters

Height and width

20 metres tall by 12 to 15 metres wide

Species origin

Natural origin of species plus origin of cultivar

Landscape use

- Available Soil Volume required: $\geq 70\text{m}^3$
- Can be used in streets with wide verges, carparks and urban parks, especially where shade is desirable
- Not suitable near powerlines or structures where regular pruning would be required to maintain clearances

Use considerations

- Well suited to Canberra's climate
- High frost and drought tolerance
- Adaptable to a range of soils, but grows best on deeper well drained soils
- [Long lived](#)
- Moderately fast growth rate
- Low flammability
- Significantly lower susceptibility to Anthracnose than other *Platanus* species
- Vigorous root systems can cause problems, can benefit from a 600 millimetre root barrier to prevent surface roots in shallow soils
- Fruit drop may be a nuisance in pedestrian and paved areas
- Produces significant nectar and significant pollen which attract bees

Examples in Canberra

London Circuit, Civic and The Lawns, Manuka Shops

Availability

Commercially available

