



# Design Standards for Urban Infrastructure

## Plant Species for Urban Landscape Projects in Canberra

**Botanical Name:** *Gleditsia triacanthos* 'Sunburst' (GLsu)

**Common Name:** Sunburst honey locust

### Species Description

- Deciduous
- Attractive open crowned tree with a semi-weeping habit
- Thornless dark grey bark
- Yellowish-green pinnately compound foliage with golden yellow new growth at the branch tips, turning yellow in autumn
- Inconspicuous flowers in spring
- Produces brown legume-like pods in some seasons

### Height and width

9 metres tall by 8 to 10 metres wide

### Species origin

Central and Eastern USA

### Landscape use

- Available Soil Volume required:  $\geq 45\text{m}^3$
- Useful as a street tree, in urban parks and as a shade tree for shopping centres
- Should be used where root disturbance is kept to a minimum, to reduce the possibility of suckering
- Should not be planted near nature reserves, creeks or watercourses

### Use considerations

- Suits all local climatic conditions
- High frost tolerance to minus 10 degrees Celsius and very high drought tolerance once established
- Grows in all soil types from heavy clays to limestone
- [Medium to long lived](#)
- Moderate to fast growth rate
- Grows best in full sun but will tolerate some shade
- Very low flammability
- Can sucker when its roots are disturbed
- Seed pods may be a minor nuisance in pedestrian areas
- Produces significant nectar; attracts bees, birds and small mammals

### Examples in Canberra

Mills Street, Hackett, and Bavin and Munro Streets, Curtin

### Availability

Commercially available

