

Japanese Walnut

(Juglans ailantifolia)

Is Japanese Walnut on your property?

Japanese walnut is included in Horizon's Regional Pest Plant Management Strategy as a Site-led plant. This means the plant is widespread throughout the region and will only be controlled in and around significant high-value natural areas or other sites that are deemed to be at risk. If you see any sites where it is growing or can help with details of the plant, please contact us on free phone 0508 800 800.



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Identification

A deciduous hardwood tree that grows to 15 metres high. Cracked bark. Shoots have glandular hairs. Leaflets are usually hairless above and densely hairy on veins below. Male catkins hanging solitary to 15cm long while female catkins erect spikes. Female catkins have purple hairs; with 9-22 flowers and prominent pink stigmas from October-November. Sticky rust-coloured fruit clusters of 10-22. Exposed hard, thick-shelled nuts.

Weedy characteristics

Long-lived (50 years +), canopy tree, prevents recruitment. Produces many, long-lived seeds. Very tolerant to hot and cold, wet to dry, semi shade conditions.

Methods of dispersal

Mainly by water, occasionally dumped nuts. Possibly by pigs or possums.

Impact on indigenous plants

Forms tall dense stands reaching to the canopy and is not succeeded

Typical habitats

Invades gullies, forest margins, riparian margins and open areas.

Control

1. Hand pull small plants. Mulch. All year round.
2. Stump swab: Metsulfuron methyl 5 g/L. All year round.
3. Bore & fill: 1 hole /150 mm of trunk, 2 ml Metsulfuron methyl (@20 g/L) /hole. All year round.
4. Spray small plants: Escort at gorse rates. Summer only.

Site management

Remove parent trees to eliminate seed source in areas of concern. Cleared areas can be replanted to minimise seedling regrowth

Species recovery

Bared areas can reseed. Stumps densely grow freely.

For more information freephone 0508 800 800.

