

Eradicate this weed



TREES

BLACK LOCUST – FALSE ACACIA

Origin	North America
Description	Deciduous large shrub or small tree to 15 m, bearing large, broad-based, rose-like spikes (5–25 mm long) near the base of the leaves.
Leaves	Alternate, compound, borne on stalks. 14–45 mm long with 11–21 oval or oblong leaflets. Margins entire, tips rounded or slightly notched. Hairless or sometimes sparsely hairy when young.
Flowers	Fragrant, white (occasionally pink or purple) pea-type flowers arranged in elongated clusters (10–15 cm long). Flowers spring to early summer.
Fruit	Elongated and flattened pods (3–8 cm long and 10–15 mm wide), brown as they mature. Fruit are hairless and split open when mature to release black or dark brown seeds.
Bark	The bark on the main trunk of older trees is greyish and eventually becomes deeply furrowed.
Dispersal	Often reproduces by root suckers, which can arise spontaneously from the extensive fibrous root system even when the above-ground parts of the plant are undamaged. It also reproduces by seed and will re-sprout vigorously from stumps that have been cut or damaged by fire.
Control	Difficult. Hand-pull small plants. Cut and paint or stem inject larger plants with 100% glyphosate.

BLACK WILLOW

Salix nigra

Weed of National Significance

Contain this weed

TREES



www.northcoastweeds.org.au



www.en.wikipedia.org/wiki/File:Salix_nigra_catkins_8001.JPG

- Origin** North America
- Description** Deciduous, rapidly-growing tree to about 20 m tall with one and up to four trunks. It is distinguished by its non-drooping habit and twigs which are shiny and red-brown when exposed to sun. Plants are male or female. Black Willow hybridises with other willows.
- Leaves** Thin, narrow, almost equally green on both sides. They are narrow and taper to a point, with long, sharply curved tips and finely toothed margins.
- Flowers** Flower spikes are called catkins. Male catkins are yellow and female catkins are green. Catkins appear with leaves in spring.
- Bark** Deeply fissured grey bark on stems more than 10 cm in diameter.
- Dispersal** By seed and plant fragments. Prolific seeders in spring. Seed viable for only 24 hours.
- Control** Dig out plant completely. Stem inject with 100% glyphosate.

50 BLACK WILLOW



- Origin** North America
- Description** Deciduous tree to 20m high. Bark smooth when young, becoming flaky later, brownish-grey and pinkish-brown underneath. Occurs and spreads in temperate regions.
- Leaves** Compound, pinnate with 3–7 leaflets that have toothed or lobed margins with leaflets 4–12 cm long, 2–4.5 cm wide and larger terminal leaflet up to 15 cm long and to 8 cm wide; leaf stalk 5–12 cm long.
- Flowers** Numerous, yellow-green, lacking petals. Appear before leaves in spring. Male and female flowers on different plants, male flowers clustered and hanging, female flowers borne on a single long drooping branched stalk (raceme).
- Fruit** V-shaped fruit (samaras) 3–4 cm long and winged below the seeds. Seed about 1.5 cm long.
- Dispersal** By seed.
- Control** Hand-pull small plants. Cut and paint or stem inject larger plants with 100% glyphosate.

BROAD LEAF PEPPER

Schinus terebinthifolius

Contain this weed

TREES



- Origin** South America
- Description** Small tree, 6–10m tall and 4.5m wide, bearing a short trunk with multiple branches. Dioecious, i.e. male & female trees.
- Leaves** Compound, opposite, pinnate with 3–9 leaflets including a terminal leaflet. The petiole of the leaf has a swelling at the base. Leaflets 3–8cm long, mid to dark green, without petioles and hairless. Margins entire or sometimes serrated, especially in juveniles. Main stem red tinged. Peppery aroma when crushed.
- Flowers** Inflorescence a panicle. Flowers small, cream to white, 5 petals, in clusters at end of branches.
- Fruit** Round drupe, green and ripening to glossy red, about 5mm diameter.
- Roots** Strong root system, capable of coppicing and suckering.
- Dispersal** Seed is spread by water, animals, contaminated soil and garden waste dumping.
- Control** Difficult to control. Hand-pull small plants. Cut and paint or stem inject larger plants with 100% glyphosate.

52 BROAD LEAF PEPPER



- Origin** North Queensland
- Description** Evergreen tree to 30m. Trunk has a stocking of grey scaly bark at the base, smooth pale green bark above. This Australian native tree occurs naturally in tropical Queensland rainforest. It became popular as a garden and shelterbelt tree in the 1990's and has been planted widely.
- The problem** Cadaghi can hybridise with local *Corymbia* species, contaminating the gene pools. Native beehives can become clogged with its resin and seeds, endangering the beehive. Hybrids can have weak limbs that drop and cause damage. Cadaghi has been found to spread into forest areas.
- Leaves** Pale green, sometimes with a pink tinge, wavy edges, variable size, to 16cm long. New growth hairy. Leaves are often covered with a black, sooty mould which stains cars and roofs.
- Flowers** In masses of cream coloured, scented balls in terminal clusters.
- Fruit** Fruits almost round, woody capsule. Many tiny seeds.
- Dispersal** Seed spread by wind.
- Control** Hand-pull seedlings. Stem inject with 100% glyphosate.

CAMPHOR LAUREL

Cinnamomum camphora

TREES



- Origin** China, Japan, Taiwan, Indochina
- Description** Large, attractive evergreen tree, 20–30 metres tall.
- Leaves** 5–11 cm long, ovate, slightly wavy margins. The leaves have a glossy, waxy appearance and smell of camphor when crushed.
- Flowers** Clusters of fragrant small white flowers in spring.
- Fruit** Black, round, hard fruit, around one cm in diameter, ripening in autumn. Each berry contains one seed.
- Bark** Pale and rough, fissured vertically.
- Roots** Strong root system, capable of coppicing and suckering, aqua-phobic (turning away from water on stream banks).
- Dispersal** By water, birds and other animals, contaminated soil and garden waste dumping.
- Control** Difficult. Hand-pull small seedlings, cut and paint or stem inject larger plants with 100% glyphosate.

CAMPHOR LAUREL

Contain this weed

TREES



Origin	China, Korea and Japan
Description	Deciduous shrub or tree to 15 m (rarely to 25 m) high. Bark smooth, silvery grey. Young branches with white spots.
Leaves	Base of leaves asymmetrically attached to leaf stalk; leaves emerging at flowering, initially hairy, particularly below, but rapidly becoming almost hairless. Ovate, 4–10 cm long, 2–4.5 cm wide and shiny. Upper leaf edges coarsely toothed.
Flowers	Inflorescences of few tiny flowers, bearing 4 creamy petals. Flowering late winter to early spring.
Fruit	Globe-shaped, succulent, 6–8 mm wide, on stalk 0.4–1 cm long. Green, turning orange/red in summer–autumn.
Roots	Strong root system, capable of suckering.
Dispersal	Seeds spread by birds, fruit bats and water.
Control	Small plants can be pulled by hand. Cut and paint or stem inject larger plants with 100% glyphosate. Difficult to control.

CHINESE CELTIS

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CHINESE TALLOW TREE

Triadica sebifera

Contain this weed

TREES



- Origin** China and Japan
- Description** Hardy deciduous medium sized tree to 7m high. The tree is monoecious, producing male and female flowers on the same plant. Grey-brown, textured bark, becoming fissured with age.
- Leaves** Simple, alternate, margins entire, heart-shaped and sometimes with an extended tip. Waxy and bright green, slightly paler underneath, turning yellow, orange, purple and red in the autumn.
- Flowers** In terminal spike-like inflorescences up to 20 cm long, light green.
- Fruit** Three-lobed capsule with one seed in each lobe. Seeds are covered with vegetable tallow, a white waxy coating.
- Dispersal** By water, animals and garden waste dumping.
- Control** Small plants can be pulled by hand. Cut and paint or stem inject larger plants with 100% glyphosate. Difficult to control.

CHINESE TALLOW TREE



- Origin** South America
- Description** Single-stemmed palm that grows to an average height of 12 m with trunk to 0.6m wide. Trunk smooth, grey, with widely spaced horizontal leaf scars. Common seedling emerging in rainforest.
- Leaves** Fronds up to 5 m long, pinnately divided with 150–250 leaflets per side, often in clusters of 2–7. Green upper surface and greyish undersides. Spreading in different planes giving a plume-like appearance.
- Flowers** Inflorescences initially enclosed by 2 woody pointed bracts. Flowers yellow in groups of 3 where one flower is female and 2 male. Flowers mostly in spring.
- Fruit** Hanging masses of orange/yellow fruits (2.5–3 cm long and 1–2 cm wide), and often has an untidy appearance due to hanging dead fronds and fermenting dropped fruits.
- Dispersal** Seed spread by rats and bats.
- Control** Cut off below the lowest frond. There is no need to treat the stump with herbicide, as it will not reshoot. It is important to hand-pull or chip any seedlings that come up around the base of the palm, and pick up any dropped fruits. When fruits are removed, ensure they are disposed of in sealed plastic bags.

CORAL TREE & COCKSCOMB CORAL TREE

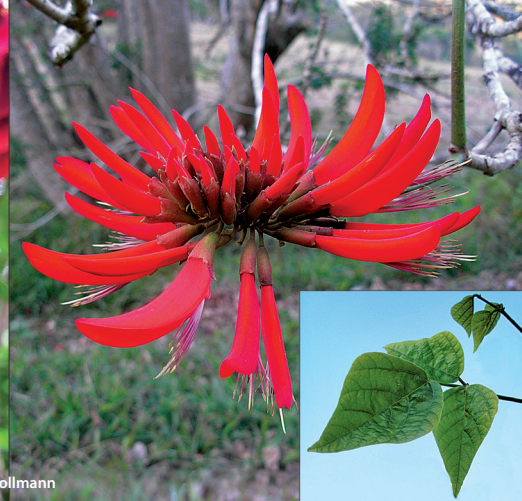
Erythrina sykesii & *E. christa galli*

Contain this weed - *E. christa galli*

TREES



Cockscomb Coral



Coral

Origin	South Americas
Description	Hardy deciduous medium size trees, Cockscomb Coral Tree smaller. Coral Tree often with sparse foliage. Corky bark often with spines.
Leaves	Coral Tree has compound, trifoliate leaves with triangular to obovate leaflets, 7–20 cm long, 7–12 cm wide. Cockscomb Coral Tree leaves are smaller and with prickles.
Flowers	Red. Cockscomb flowers pea-shaped in spring and Coral Trees flower all year.
Fruit	Coral Trees don't fruit in Australia and Cockscomb Coral Trees have seed pods, turning brown-black when ripe, 8–22 cm long.
Dispersal	By water, vegetative and garden waste dumping.
Control	Small plants can be pulled by hand. Stem inject larger plants with 100% glyphosate. Use drill rather than hatchet because the stem has very high water content. Difficult to control. Stems will re-grow when in contact with soil – remove all cut plant material from site.



Origin	Central and North America
Description	Spreading, deciduous, medium to large tree, 15–25 m, bearing clusters of large thorns, 2–10 cm long. The trunk and limbs of ‘wild’ trees bear very large crucifix-like spines that can grow to more than 50 mm. Root system capable of suckering and coppicing when disturbed.
Leaves	Compound, 15–20 cm long, usually bipinnate (twice divided); leaflets elliptic to ovate, 10–35 mm long, 5–12 mm wide, sparsely toothed.
Flowers	Fragrant, brownish-yellow pea-like flowers in spring as leaves develop or after leaves appear.
Fruit	Pods slightly sickle-shaped, 15–40 cm long, 3–4 cm wide, dark brown, not opening at maturity, containing 15–25 hard brown seeds. Pods relished by livestock.
Dispersal	By water, animal dung, garden waste dumping.
Control	Small plants can be pulled by hand. Cut and paint or stem inject larger plants with 100% glyphosate.

ICECREAM BEAN

Inga edulis

TREES



- Origin** South America
- Description** Mature trees reach 30m height in their native environment, usually below 10m in Australia. The branches form a broad, flat, moderately dense canopy. The bark is pale grey and smooth. The young twigs are angular in cross-section and covered with fine short hairs.
- Leaves** Once-pinnate, up to 24 cm long, with 4–6 pairs of opposite leaflets. The petiole looks leaf-like between pairs of leaflets. The seedlings have a characteristic greyish sheen on the upper leaf surface.
- Flowers** Inflorescence in dense spikes of white flowers, produced in late summer.
- Fruit** Fruits ribbed, cylindrical pods, straight or often spirally twisted, up to 1 m long. They contain fleshy green seeds in a sweet, white, cottony pulp. The pulp has a sweet vanilla-like taste.
- Dispersal** By animals and people.
- Control** Small plants can be pulled by hand. Cut and paint or stem inject larger plants with 100% glyphosate.

60 ICECREAM BEAN



pia dollmann

terry inksom

Origin	China
Description	Spreading deciduous tree to 20m high.
Leaves	Opposite, simple, heart-shaped, large, 12 to 20cm long, typically quite velvety, green above and paler below; leaves on younger trees will often show coarse serrations or even lobes.
Flowers	Large, showy, upright clusters of purple flowers; individual tube-like or bell-shaped flowers 4cm long, very fragrant and appearing in mid-spring.
Fruit	Ovoid capsule, 3.5–4.5cm long including beak, filled with numerous (1,000's) small seeds; capsules initially sticky and green, later turning brown and dry. Seed spindle-shaped, 2.5–4mm long including wing.
Dispersal	By seed and suckering.
Control	Hand-pull small seedlings. Stem inject larger ones with neat glyphosate. Stems will re-grow when in contact with soil – remove all cut plant material from site.

PRIVET – LARGE LEAF

Ligustrum lucidum

TREES



- Origin** China and Japan
- Description** Evergreen small tree to 12m high. Often occurring in dense thickets/hedges. Shade tolerant. Flowers and fruit similar to small-leaved privet, larger fruit and leaves, taller growth habit.
- Leaves** Opposite, ovate to elliptic or narrow-ovate, with pointed tip and rounded base. Leathery, glossy dark green above, paler below with entire margin.
- Flowers** Dense panicle 15–25 cm long, fragrant, with 4 white petals, each 3–5 mm long. Flowers in spring and summer.
- Fruit** Berry 6–8 mm diameter in clusters, purple/black when ripe. Fruits in autumn and winter.
- Dispersal** By seed and suckering. Most seeds fall around the tree. Also dispersed by birds and water.
- Control** Hand-pull small seedlings. Stem inject larger plants with 100% glyphosate.

RAINTREE – GOLDEN / CHINESE

Koelreuteria elegans / *K. formosana*

TREES



pia dollmann



terry inkson



Origin	Taiwan
Description	Hardy, fast-growing tree to 25 m high. Trunk light brown, smooth when young, may develop ridges later. Dense rounded crown, 10–15 m wide when mature.
Leaves	Compound with pointed serrations, twice divided (bipinnate). Leaves are dark green, hairless, above and paler green below and of variable size and shape. Leaves are feathery, up to 90 mm long. Leaflets narrow, ovate, with irregularly toothed edges and a long, tapered point.
Flowers	Flowers are small, butter-yellow with five petals, to 20 mm in length, and occur in branched clusters at the stem tips.
Fruit	Fruit is an inflated papery capsule that splits into three parts and is light pink to deep rose in colour, up to 50 mm long and appears in large drooping clusters. Seeds are small, black and round and about 5 mm in diameter.
Dispersal	By seed. Seedlings are often found beneath mature trees. They tolerate full sun, partial shade, drought, frost, heat, well drained to wet soils and extended flooding.
Control	Hand-pull small seedlings. Stem inject larger plants with 100% glyphosate.

RAINTREE – GOLDEN / CHINESE

RHUS TREE

Toxicodendron succedaneum



Origin	Asia
Description	Small, deciduous tree 5–8 m tall with smooth grey bark, occurring in temperate regions. Contact with plant material, especially sap and even the smoke from burning material can cause severe allergic reactions, usually after repeated exposure.
Leaves	Compound with 9–15 leaflets (mostly 11) arranged in pairs, forming a leaf frond 20–35 cm long. The leaflets are 4–10 cm long and 2–3 cm wide. They are bright green above and often greyish beneath because of a waxy bloom on the leaf surface. In autumn they change to a brilliant red before they fall.
Flowers	Small creamy-white to yellow flowers occur in large clusters (8–15 cm long) among the new leaves in spring and early summer.
Fruit	Hard fruits are 5–11 mm in diameter, round and slightly flattened and pale brown with a papery skin. They hang in clusters on the tree through winter, falling in spring.
Dispersal	Seed is spread by birds and remains viable for many years. Can also be spread with garden soil.
Control	Hand-pull small seedlings. Stem inject larger plants with 100% glyphosate. Treat all cut stumps to prevent suckering.



pia dollmann

tim woodward

pia dollmann

Origin	South America
Description	Small, dry season, deciduous tree growing to 10m tall. Planted as ornamental trees in Australia.
Leaves	Palmately compound leaves with five to seven leaflets, each leaflet 6–18 cm long. Green with silvery scales above and below.
Flowers	Flowers occur when the tree is loosing its leaves. They are bright yellow, up to 6 cm diameter, produced together in a loose panicle.
Fruit	Slender 10 cm long, furry capsule, brown when mature. Dark brown seeds are embedded in white silky material.
Dispersal	By seed with most seedlings occurring around the tree itself. Also spread with contaminated soil and possibly distributed by animals and carried in water.
Control	Hand-pull small seedlings. Stem inject with 100% glyphosate.

TREE OF HEAVEN

Ailanthus altissima



- Origin** China and Taiwan
- Description** Medium-sized deciduous tree (15–30m) found in temperate climates. Rapidly growing, short-lived (<50 years). Allelopathic (able to suppress other plants). Smooth light grey bark, rougher on older trees.
- Leaves** Large, pinnately compound, alternate. 30–90cm long with 10–41 leaflets in pairs. The central leaf axis is light to reddish-green with a swollen base. The leaflets are ovate-lanceolate with entire margins, occasionally not directly opposite to each other. Leaflets 5–18cm long and 2.5–5 cm wide. Long tapered ends. Leaflets dark green above, with light green veins, paler below. Petioles 5–12 mm long.
- Flowers** Small, in large panicles up to 50cm long at the end of new shoots. Flowers yellowish green to reddish with five petals and sepals. Male and female flowers on different trees. Male trees produce 3 to 4 times as many flowers as the females and emit a foul-smelling odour while flowering to attract pollinating insects.
- Fruit / Seed** 5 mm in diameter, encapsulated in a samara (papery wings) that is 2.5 cm long and 1 cm broad. The samara is large and twisted at the tips, making it spin as it falls.
- Dispersal** By seed and suckering from shallow roots.
- Control** Hand-pull small seedlings. Stem inject larger plants with 100% glyphosate.



Origin	North Queensland
Description	Straggly, often multi-stemmed, open tree to 10 m with dense foliage confined to the ends of trunks.
Leaves	Compound, bright, glossy green. Leaves on stalks up to 50 cm long. Leaflets to 30 cm long, arranged in a palmate whorl (umbrella-like).
Flowers	Small red flowers in long sprays at the top of the plant, radiating from the stem apex. Multiple flower spikes produced at the crown of each trunk. Flowers summer to autumn.
Fruit	Dark red, to 5 mm long, each containing one seed.
Dispersal	Seed spread by water and animals and garden rubbish dumping.
Control	Hand-pull small seedlings. Stem inject larger plants with 100% glyphosate. Stems will re-grow when in contact with soil. Remove all cut plant material from site.