

This guide contains plants frequently found found in within Australian Cotton farmings systems.

Identification of weeds at this stage will improve management decisions

The weeds are ordered by cotyledon shape and then by length

Click the basic shapes below to view examples of plants with that leaf shape.



Deltoid



Elliptic



Pinnate



Linear



Bilobed



Round



Ovate



Spatulate



Oblong



Elongated ovate



Weed status key



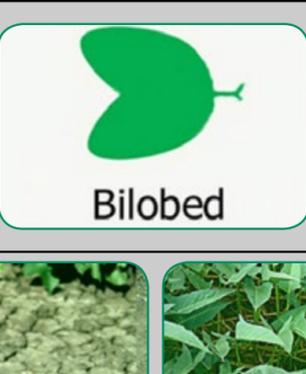
Index of common Names



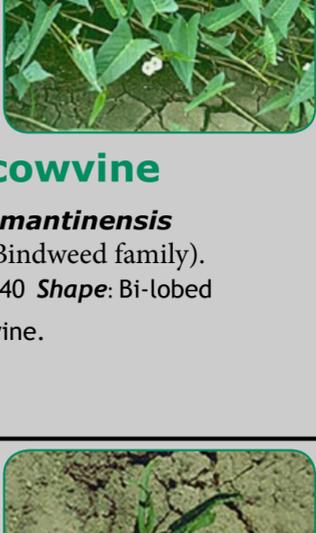
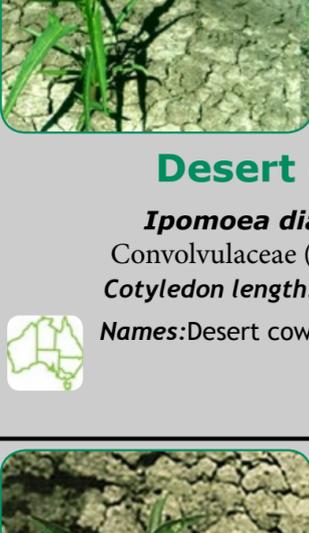
Go to Navigation button



Go Home - Here



Bilobed



### Desert cowvine

***Ipomoea diamantinensis***

Convolvulaceae (Bindweed family).

**Cotyledon length:** 40 **Shape:** Bi-lobed

**Names:** Desert cowvine.



### Cowvine

***Ipomoea lonchophylla***

Convolvulaceae (Bindweed family).

**Cotyledon length:** 35 **Shape:** Bi-lobed

**Names:** Cowvine, Common cowvine, Peachvine.



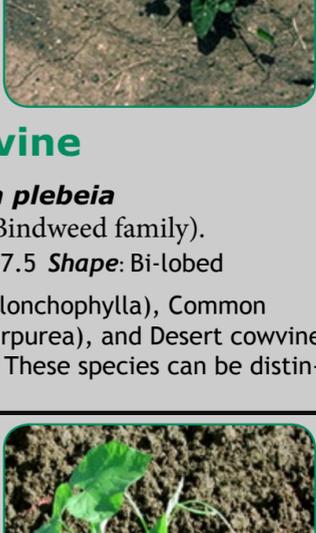
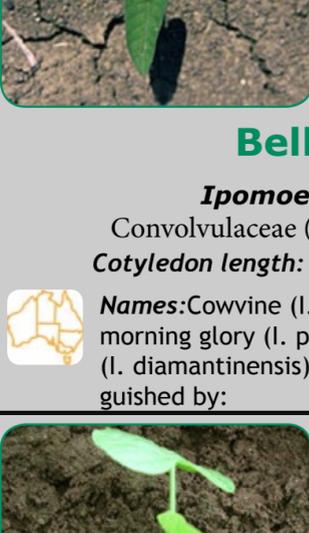
### Elephant creeper

***Argyreia nervosa***

Convolvulaceae (Bindweed family).

**Cotyledon length:** 32.5 **Shape:** Bi-lobed

**Names:** Elephant creeper, Baby woodrose, Elephant climber, Elephant ear vine, Hawaiian baby woodrose, Mile-a-minute, Monkey rose, Silver morning glory, Snake vine, Wood rose, Woolly morning glory.



### Onion vine

***Operculina aequisejala***

Convolvulaceae (Bindweed family).

**Cotyledon length:** 32.5 **Shape:** Bi-lobed

**Names:** Onion vine.



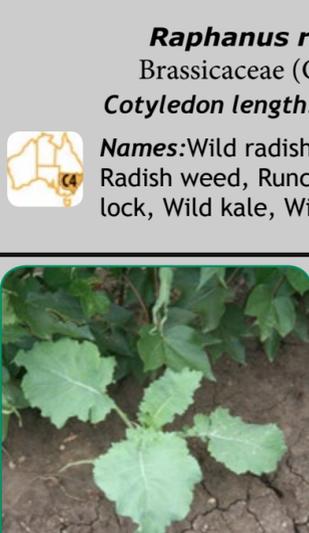
### Littlebell

***Ipomoea triloba***

Convolvulaceae (Bindweed family).

**Cotyledon length:** 27.5 **Shape:** Bi-lobed

**Names:** Littlebell, Pink convolvulus, Potato vine.



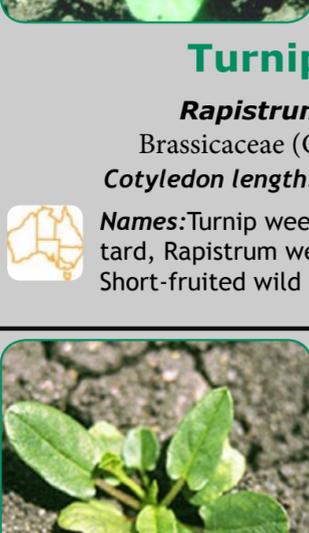
### Bellvine

***Ipomoea plebeia***

Convolvulaceae (Bindweed family).

**Cotyledon length:** 27.5 **Shape:** Bi-lobed

**Names:** Cowvine (l. lonchophylla), Common morning glory (l. purpurea), and Desert cowvine (l. diamantinensis). These species can be distinguished by:



### Common morning glory

***Ipomoea purpurea***

Convolvulaceae (Bindweed family).

**Cotyledon length:** 24 **Shape:** Bi-lobed

**Names:** Common morning glory, Morning glory, Small morning glory, Tall morning glory.



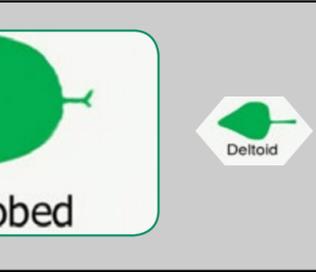
### Polymeria take-all

***Polymeria longifolia***

Convolvulaceae (Bindweed family).

**Cotyledon length:** 17.5 **Shape:** Bi-lobed

**Names:** Polymeria take-all, Clumped bindweed, Erect bindweed, Peak Downs curse, Polymeria.



### Wild radish

***Raphanus raphanistrum***

Brassicaceae (Cabbage family).

**Cotyledon length:** 13 **Shape:** Bi-lobed

**Names:** Wild radish, Jointed charlock, Radish, Radish weed, Runch, White charlock, Wild charlock, Wild kale, Wild turnip.



### Canola

***Brassica x napus var. napus***

Brassicaceae (Cabbage family).

**Cotyledon length:** 11 **Shape:** Bi-lobed

**Names:** Canola, Rape, Coleseed.



### Turnip weed

***Rapistrum rugosum***

Brassicaceae (Cabbage family).

**Cotyledon length:** 11 **Shape:** Bi-lobed

**Names:** Turnip weed, Ball turnip, Giant mustard, Rapistrum weed, Short-fruited turnip, Short-fruited wild turnip, Wild turnip.



### Annual polymeria

***Polymeria pusilla***

Convolvulaceae (Bindweed family).

**Cotyledon length:** 10 **Shape:** Bi-lobed

**Names:** Annual polymeria, Polymeria.



### Australian bindweed

***Convolvulus erubescens***

Convolvulaceae (Bindweed family).

**Cotyledon length:** 7 **Shape:** Bi-lobed

**Names:** Australian bindweed, Australian dodder, Blushing bindweed, Pink bindweed.



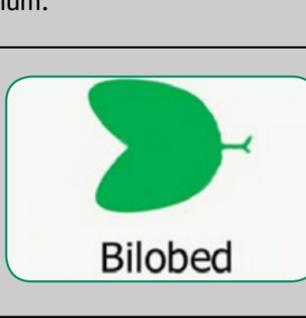
### Australian cranesbill

***Geranium solanderi var. solanderi***

Geraniaceae (Geranium family).

**Cotyledon length:** 5 **Shape:** Bi-lobed

**Names:** Australian cranesbill, Native geranium, Austral cranesbill, Cut-leaf cranesbill, Hairy geranium.



Bilobed



## Yellow-flowered Devil's claw

***Ibicella lutea***

Martyniaceae (Devil's claw family)

**Cotyledon length: 37 Shape: Deltoid**



**Names:** Yellow-flowered devil's claw, Devil's grip, Double claw, Eagle's claw, Elephant tusks, Goat's head, Pumpkin vine, Ram's horn, Unicorn plant.



## Small-flowered mallow

***Malva parviflora***

Malvaceae (Hibiscus family).

**Cotyledon length: 8.75 Shape: Deltoid**



**Names:** Small-flowered mallow, Egyptian mallow, Little mallow, Marshmallow, Ring-leaf mallow, Small-flowered marshmallow, Whorl-flowered mallow, Whorl mallow.



## Mint weed

***Salvia reflexa***

Lamiaceae (Mint family).

**Cotyledon length: 6 Shape: Deltoid**



**Names:** Mintweed, Lance-leaf sage, Narrow-leaf sage, Wild mint.



## Corrugated sida

***Sida corrugata***

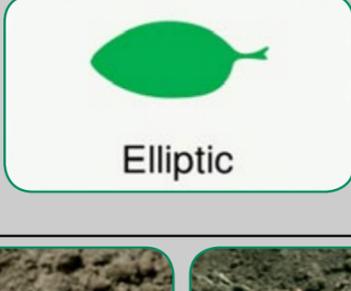
Malvaceae (Hibiscus family).

**Cotyledon length: 3.5 Shape: Deltoid**



**Names:** Corrugated sida, Dwarf sida, Native sida, Sage weed, Variable sida.





Deltoid

Elliptic

Elongated ovate



## Mung bean

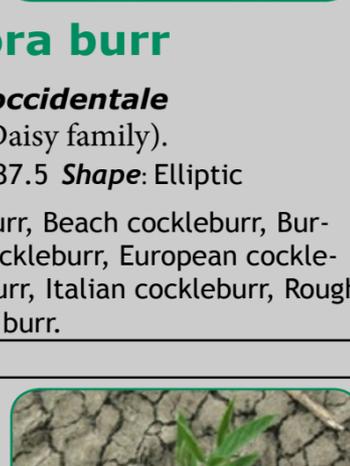
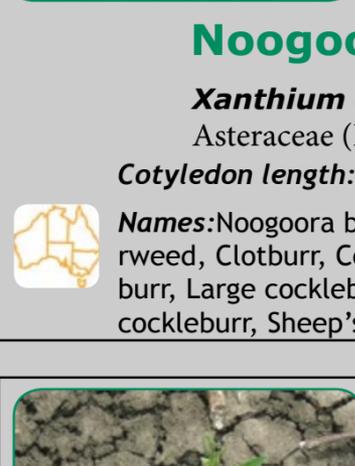
***Vigna radiata***

Fabaceae (Pea family).

**Cotyledon length:** 70 **Shape:** Elliptic



**Names:** Mung bean, Celera bean, Golden gram, Green gram, Moong bean.



## Noogoora burr

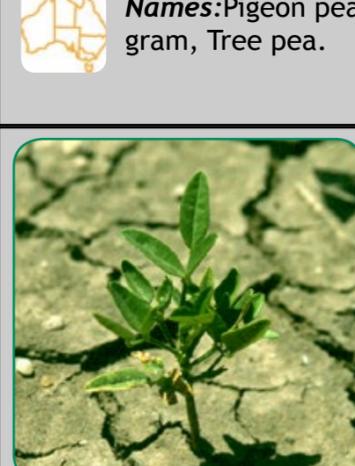
***Xanthium occidentale***

Asteraceae (Daisy family).

**Cotyledon length:** 37.5 **Shape:** Elliptic



**Names:** Noogoora burr, Beach cockleburr, Bur-rueweed, Clotburr, Cockleburr, European cockleburr, Large cockleburr, Italian cockleburr, Rough cockleburr, Sheep's burr.



## Pigeon pea

***Cajanus cajan***

Fabaceae (Pea family).

**Cotyledon length:** 35 **Shape:** Elliptic



**Names:** Pigeon pea, Congo pea, No-eye pea, Red gram, Tree pea.



## Vigna takeall

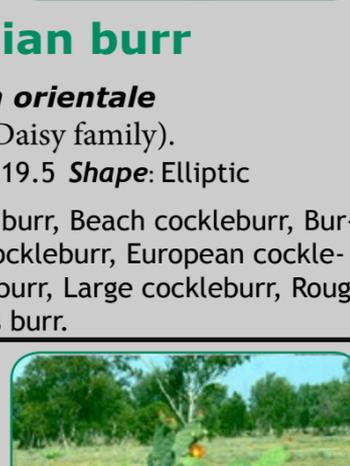
***Vigna lanceolata var. latifolia***

Fabaceae (Pea family).

**Cotyledon length:** 22.5 **Shape:** Elliptic



**Names:** Vigna take-all, Maloga bean, Native bean, Parsnip bean.



## Italian cockleburr

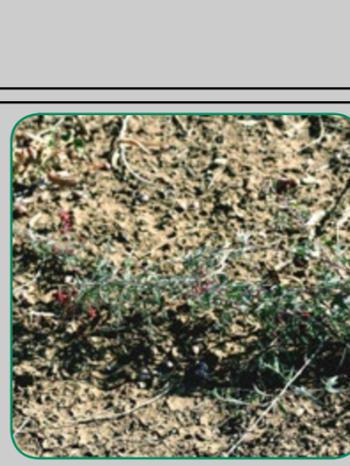
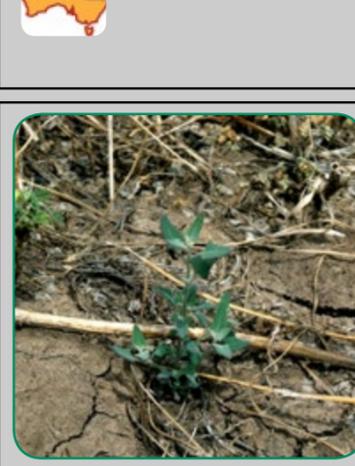
***Xanthium italicum***

Asteraceae (Daisy family).

**Cotyledon length:** 19.5 **Shape:** Elliptic



**Names:** Italian cockleburr, Hunter burr.



## Californian burr

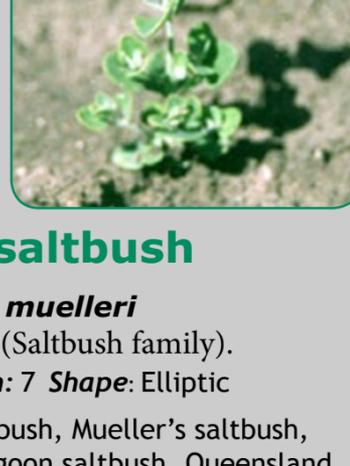
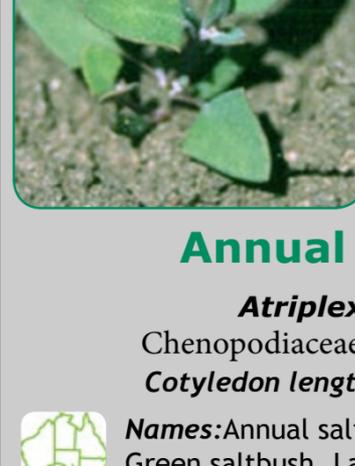
***Xanthium orientale***

Asteraceae (Daisy family).

**Cotyledon length:** 19.5 **Shape:** Elliptic



**Names:** Californian burr, Beach cockleburr, Bur-rueweed, Clotburr, Cockleburr, European cockleburr, Italian cockleburr, Large cockleburr, Rough cockleburr, Sheep's burr.



## Velvety tree pear

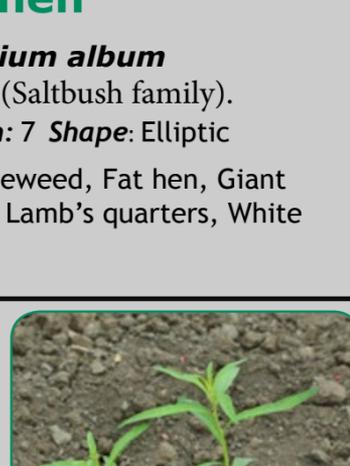
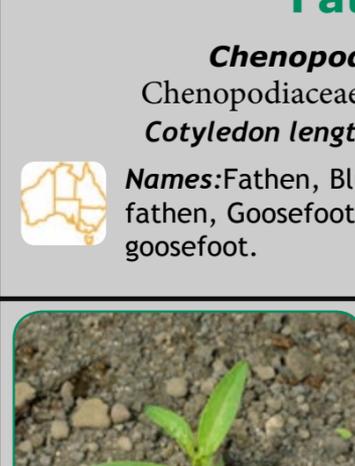
***Opuntia tomentosa***

Cactaceae (Cactus family).

**Cotyledon length:** 12 **Shape:** Elliptic



**Names:** Velvet tree pear.



## Climbing saltbush

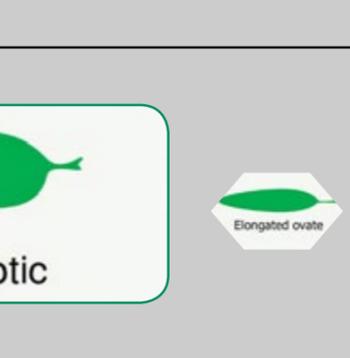
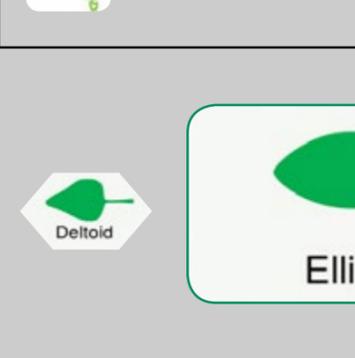
***Einadia nutans subsp. oxycarpa***

Chenopodiaceae (Saltbush family).

**Cotyledon length:** 7.5 **Shape:** Elliptic



**Names:** Climbing saltbush, Berry saltbush, Nodding saltbush.



## Annual saltbush

***Atriplex muelleri***

Chenopodiaceae (Saltbush family).

**Cotyledon length:** 7 **Shape:** Elliptic



**Names:** Annual saltbush, Mueller's saltbush, Green saltbush, Lagoon saltbush, Queensland saltbush.



## Fathen

***Chenopodium album***

Chenopodiaceae (Saltbush family).

**Cotyledon length:** 7 **Shape:** Elliptic



**Names:** Fathen, Blueweed, Fat hen, Giant fathen, Goosefoot, Lamb's quarters, White goosefoot.



## Willow primrose

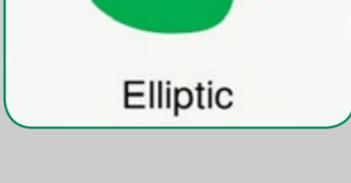
***Ludwigia octovalvis***

Onagraceae (Evening primrose family).

**Cotyledon length:** 5 **Shape:** Elliptic



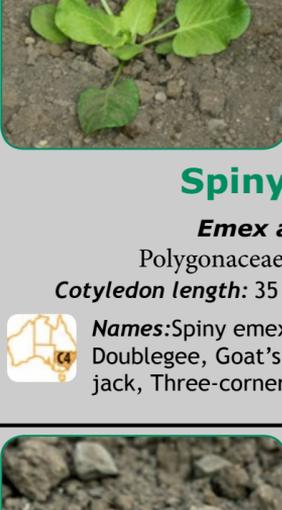
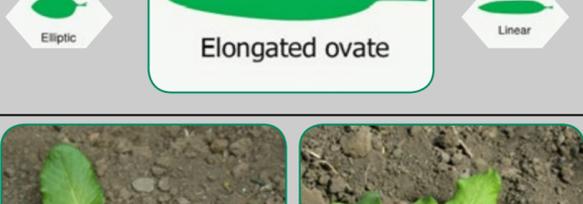
**Names:** Willow primrose.



Deltoid

Elliptic

Elongated ovate



### Spiny emex

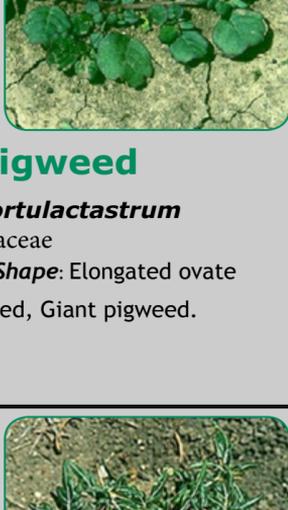
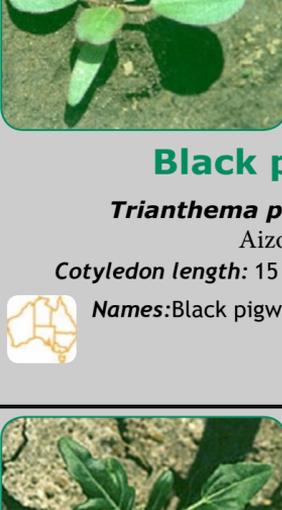
***Emex australis***

Polygonaceae (Dock family).

**Cotyledon length:** 35 **Shape:** Elongated ovate



**Names:** Spiny emex, Cape spinach, Devil's face, Doublegee, Goat's head burr, Jackie, Prickly jack, Three-cornered jack.



### Cobbler's peg

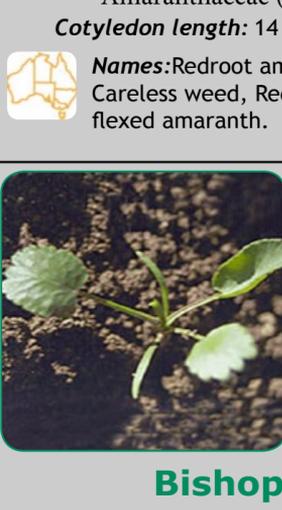
***Bidens pilosa***

Asteraceae (Daisy family).

**Cotyledon length:** 17.5 **Shape:** Elongated ovate



**Names:** Cobbler's pegs, Beggar's tick, Blackjack, Burr marigold, Cowage, Devil's pitchfork, Farmer's friend, Hairy beggar-ticks, Hairy bidens, Pitchforks, Poor man's friend, Spanish needle, Stickfast, Sticktight, Stickybeak.



### Black pigweed

***Trianthema portulacastrum***

Aizoaceae

**Cotyledon length:** 15 **Shape:** Elongated ovate



**Names:** Black pigweed, Giant pigweed.



### Bathurst burr

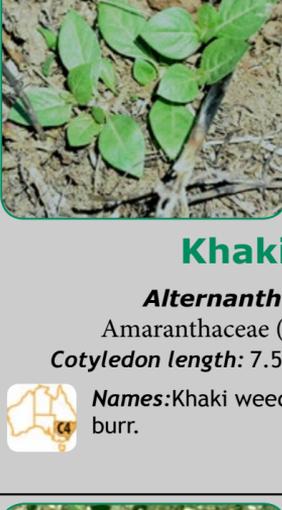
***Xanthium spinosum***

Asteraceae (Daisy family).

**Cotyledon length:** 15 **Shape:** Elongated ovate



**Names:** Bathurst burr, Burrweed, Cat's eggs, Common cocklebur, Prickly burrweed, Spiny clotbur, Spiny cocklebur.



### Redroot amaranth

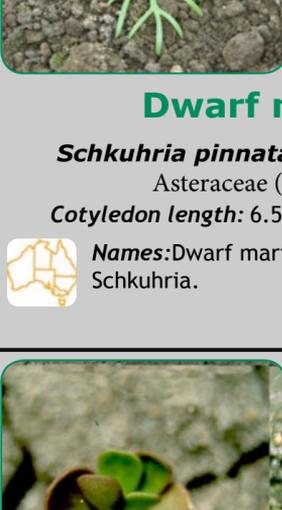
***Amaranthus retroflexus***

Amaranthaceae (Amaranth family).

**Cotyledon length:** 14 **Shape:** Elongated ovate



**Names:** Redroot amaranth, American pigweed, Careless weed, Redroot, Redroot pigweed, Reflexed amaranth.



### Bishop's weed

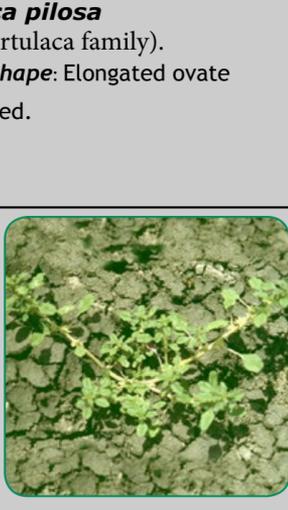
***Ammi majus***

Apiaceae (Carrot family).

**Cotyledon length:** 12 **Shape:** Elongated ovate



**Names:** Bishop's Weed, Bullwort, Meadowsweet, Queen Anne's Lace, Woodnep.



### Green amaranth

***Amaranthus viridis***

Amaranthaceae (Amaranth family).

**Cotyledon length:** 11 **Shape:** Elongated ovate



**Names:** Green amaranth, Kerb weed, Prince of Wales' feather.



### Hogweed

***Zaleya galericulata subsp. australis***

Aizoaceae (Black pigweed family).

**Cotyledon length:** 10 **Shape:** Elongated ovate



**Names:** Hogweed, Garden pigweed, Zaleya.



### Black bindweed

***Fallopia convolvulus***

Polygonaceae (Dock family).

**Cotyledon length:** 9 **Shape:** Elongated ovate



**Names:** Black bindweed, Climbing buckwheat, Knot bindweed, Wild buckwheat.



### Khaki weed

***Alternanthera pungens***

Amaranthaceae (Amaranth family).

**Cotyledon length:** 7.5 **Shape:** Elongated ovate



**Names:** Khaki weed, Creeping chaffweed, Khaki burr.



### Shepherd's purse

***Capsella bursa-pastoris***

Brassicaceae (Cabbage family).

**Cotyledon length:** 7 **Shape:** Elongated ovate



**Names:** Shepherd's purse, Locowort, Pickpocket, Shepherd's heart, St. James weed, Toywort.



### Dwarf marigold

***Schkuhria pinnata var. abrotanoides***

Asteraceae (Daisy family).

**Cotyledon length:** 6.5 **Shape:** Elongated ovate



**Names:** Dwarf marigold, Curious weed, Schkuhria.



### Pigweed

***Portulaca oleracea***

Portulacaceae (Portulaca family).

**Cotyledon length:** 6 **Shape:** Elongated ovate



**Names:** Pigweed, Common pigweed, Common purslane, Munyeroo, Neverdie, Perennial pigweed, Portulaca weed, Purslane, Red pigweed.



### Hairy pigweed

***Portulaca pilosa***

Portulacaceae (Portulaca family).

**Cotyledon length:** 5 **Shape:** Elongated ovate



**Names:** Hairy pigweed.



### Dwarf amaranth

***Amaranthus macrocarpus var. pallidus***

Amaranthaceae (Amaranth family).

**Cotyledon length:** 4.4 **Shape:** Elongated ovate



**Names:** Dwarf amaranth, Amaranthus, Boggabri weed, Desert amaranth.



### Pale knotweed

***Persicaria lapathifolia***

Polygonaceae (Dock family).

**Cotyledon length:** 4 **Shape:** Elongated ovate



**Names:** Pale knotweed, Pale persicaria, Pink knotweed.



### Flaxleaf fleabane

***Conyza bonariensis***

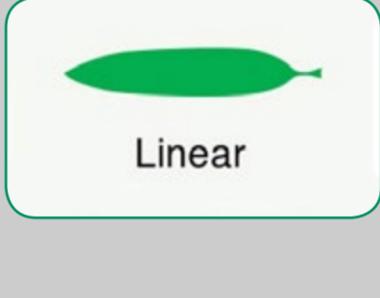
Asteraceae (Daisy family).

**Cotyledon length:** 3 **Shape:** Elongated ovate



**Names:** Flaxleaf fleabane, Ragweed, Rough conyza, Tall fleabane.





### Scurvy grass

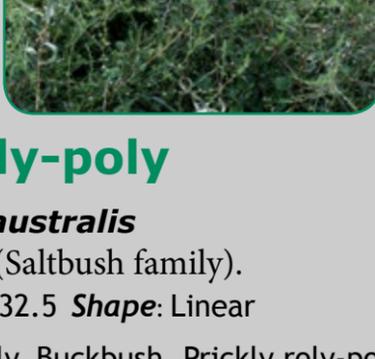
**Commelina ensifolia**

Commelinaceae (Dayflower family).

**Cotyledon length:** 32.5 **Shape:** Linear



**Names:**Scurvy grass, Scurvy weed, Wandering Jew.



### Soft roly-poly

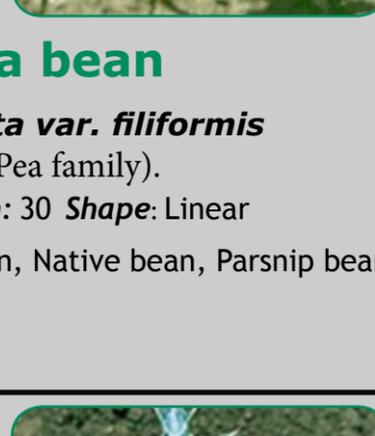
**Salsola australis**

Chenopodiaceae (Saltbush family).

**Cotyledon length:** 32.5 **Shape:** Linear



**Names:**Soft roly-poly, Buckbush, Prickly roly-poly, Prickly Russian thistle, Prickly saltwort, Roly-poly, Russian thistle, Saltwort, Tumbleweed.



### Maloga bean

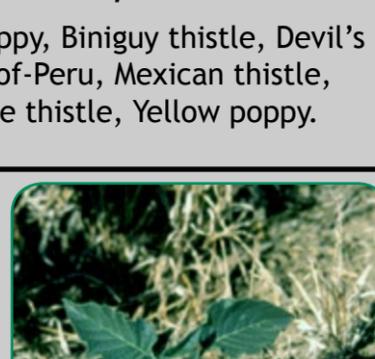
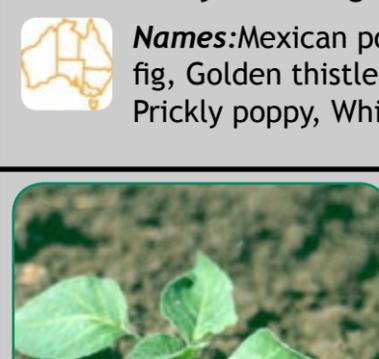
**Vigna lanceolata var. filiformis**

Fabaceae (Pea family).

**Cotyledon length:** 30 **Shape:** Linear



**Names:**Maloga bean, Native bean, Parsnip bean, Vigna take-all.



### Mexican poppy ochroleuca

**Argemone ochroleuca ssp. ochroleuca**

Papaveraceae (Poppy family).

**Cotyledon length:** 26 **Shape:** Linear



**Names:**Mexican poppy, Biniguy thistle, Devil's fig, Golden thistle-of-Peru, Mexican thistle, Prickly poppy, White thistle, Yellow poppy.



### Downy thornapple

**Datura innoxia**

Solanaceae (Tomatoe family).

**Cotyledon length:** 24 **Shape:** Linear



**Names:**Downy thornapple, Hoary thornapple, Recurved thornapple.



### Fierce thornapple

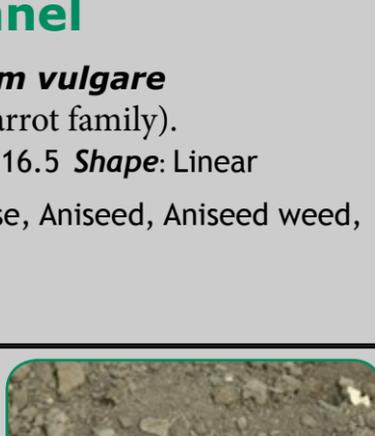
**Datura ferox**

Solanaceae (Tomato family).

**Cotyledon length:** 24 **Shape:** Linear



**Names:**Fierce thornapple, Castor oil, False castor oil, Long-spined thornapple, Long-spurred thornapple, Thornapple.



### Milkweed

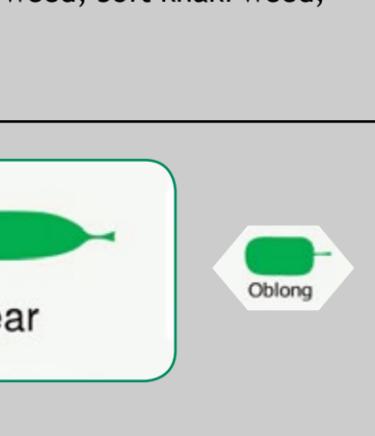
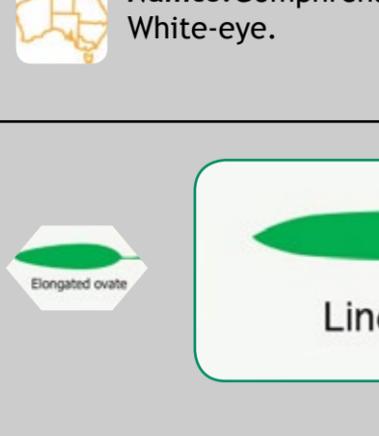
**Euphorbia heterophylla**

Euphorbiaceae (Spurge family).

**Cotyledon length:** 22 **Shape:** Linear



**Names:**Milkweed, Desert spurge, Mexican fireweed, Wild poinsettia, Yellow spurge.



### Fennel

**Foeniculum vulgare**

Apiaceae (Carrot family).

**Cotyledon length:** 16.5 **Shape:** Linear



**Names:**Fennel, Anise, Aniseed, Aniseed weed, Dill, Sweet anise.



### Gomphrena weed

**Gomphrena celoioides**

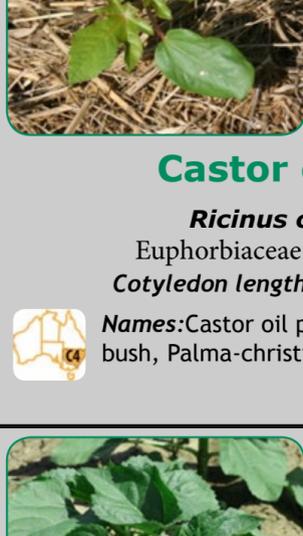
Amaranthaceae (Amaranth family).

**Cotyledon length:** 15 **Shape:** Linear



**Names:**Gomphrena weed, Soft khaki weed, White-eye.





### Castor oil plant

**Ricinus communis**

Euphorbiaceae (Spurge family).

**Cotyledon length:** 40 **Shape:** Oblong



**Names:** Castor oil plant, Castor bean, Castor oil bush, Palma-christi.



### Sunflower

**Helianthus annuus**

Asteraceae (Daisy family).

**Cotyledon length:** 17.5 **Shape:** Oblong



**Names:** Sunflower, Annual sunflower, Common sunflower.



### Sesbania

**Sesbania canabina**

Fabaceae (Pea family).

**Cotyledon length:** 17.5 **Shape:** Oblong



**Names:** Sesbania, Danchi, Dhaircha, Nardoo, Peabush, Sesbania pea, Yellow peabush.



### Purple-flowered devil's claw

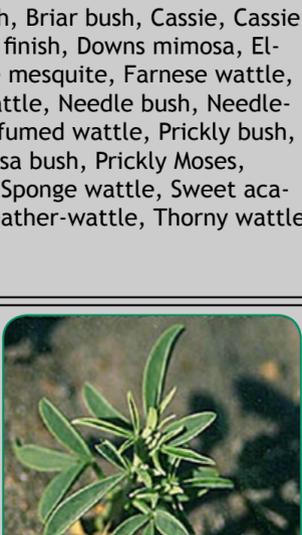
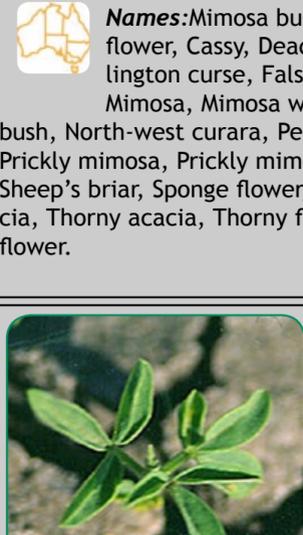
**Proboscidea louisianica**

Martyniaceae (Devil's claw family).

**Cotyledon length:** 15 **Shape:** Oblong



**Names:** Purple-flowered devil's-claw, Devil's claw, Elephant tusks, Goat's head, Proboscis flower, Ram's horn, Unicorn plant.



### Butterfly pea

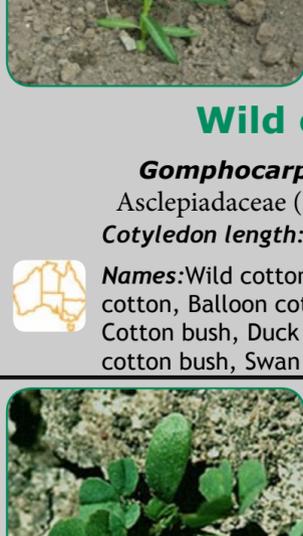
**Clitoria ternatea**

Fabaceae (Pea family).

**Cotyledon length:** 14 **Shape:** Oblong



**Names:** Butterfly pea, Blue pea, Blue vine, Bunga biru.



### Stinking passionflower

**Passiflora foetida**

Passifloraceae (Passionflower family).

**Cotyledon length:** 14 **Shape:** Oblong



**Names:** Stinking passionflower, Love-in-a-mist passionflower, Mossy passionflower, Stinking passionfruit, Wild passionfruit.



### Smooth senna

**Senna clavigera**

Caesalpiniaceae (Cassia family).

**Cotyledon length:** 13 **Shape:** Oblong



**Names:** Smooth senna, Pepper-leaf senna.



### Mimosa bush

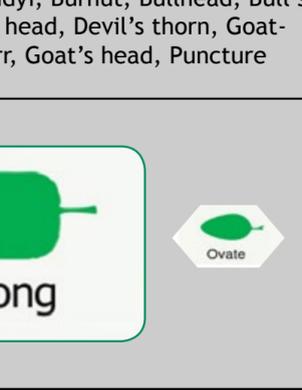
**Acacia farnesiana**

Fabaceae (Pea family).

**Cotyledon length:** 12.5 **Shape:** Oblong



**Names:** Mimosa bush, Briar bush, Cassie, Cassie flower, Cassy, Dead finish, Downs mimosa, Ellington curse, False mesquite, Farnese wattle, Mimosa, Mimosa wattle, Needle bush, Needle-bush, North-west curara, Perfumed wattle, Prickly bush, Prickly mimosa, Prickly mimosa bush, Prickly Moses, Sheep's briar, Sponge flower, Sponge wattle, Sweet acacia, Thorny acacia, Thorny feather-wattle, Thorny wattle flower.



### Grey rattlepod

**Crotalaria dissitiflora**

Fabaceae (Pea family).

**Cotyledon length:** 12 **Shape:** Oblong



**Names:** Grey rattlepod, Crotalaria takeall, Plains rattlepod, Wild liquorice.



### Wild cotton

**Gomphocarpus fruticosus**

Asclepiadaceae (Milkweed family).

**Cotyledon length:** 11.5 **Shape:** Oblong



**Names:** Wild cotton, Arghel of Syria, Balloon cotton, Balloon cotton bush, Cape cotton, Cotton bush, Duck bush, Milkweed, Narrow-leaf cotton bush, Swan plant, Wild cotton bush.



### Burr medic

**Medicago polymorpha**

Fabaceae (Pea family).

**Cotyledon length:** 11 **Shape:** Oblong



**Names:** Burr medic, Burr clover, Burr trefoil, Creeping burr, Medic clover, Medic burr, Native Trefoil, Rough medic, Shinnier's burr medic, Toothed burr clover, Toothed medic, Trefoil, Trefoil clover.



### Budda pea

**Aeschynomene indica**

Fabaceae (Pea family).

**Cotyledon length:** 9 **Shape:** Oblong



**Names:** Budda pea, Butter pea.



### St. Barnaby's thistle

**Centaurea solstitialis**

Asteraceae (Daisy family).

**Cotyledon length:** 8 **Shape:** Oblong



**Names:** St. Barnaby's thistle, Golden star thistle, yellow centaurea thistle, Yellow cockspur, Yellow star thistle.



### Yellow vine

**Tribulus micrococcus**

Zygophyllaceae

**Cotyledon length:** 8 **Shape:** Oblong



**Names:** Yellow vine, Native yellow vine, Spineless caltrop.



### Cathead

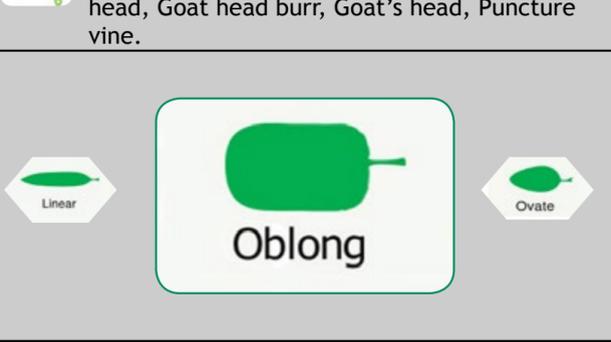
**Tribulus terrestris**

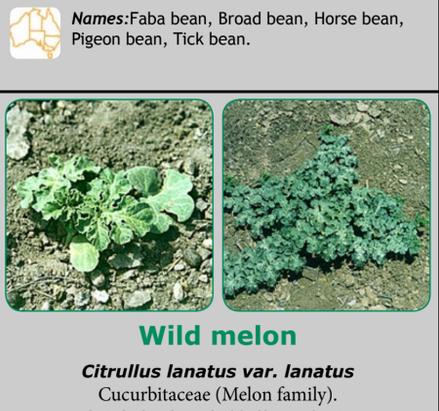
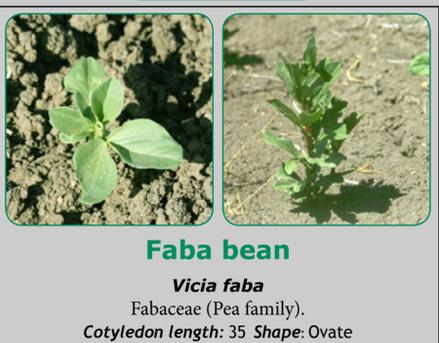
Zygophyllaceae.

**Cotyledon length:** 8 **Shape:** Oblong



**Names:** Cathead, Bindyi, Burnut, Bullhead, Bull's head, Caltrop, Cat's head, Devil's thorn, Goat-head, Goat head burr, Goat's head, Puncture vine.





### Faba bean

**Vicia faba**  
Fabaceae (Pea family).  
Cotyledon length: 35 Shape: Ovate



Names: Faba bean, Broad bean, Horse bean, Pigeon bean, Tick bean.



### Wild melon

**Citrullus lanatus var. lanatus**  
Cucurbitaceae (Melon family).  
Cotyledon length: 30 Shape: Ovate

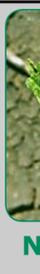


Names: Wild melon, Bitter melon, Fighan melon, Bastard melon, Jam melon, Mickey melon, Paddy melon, Pie melon, Watermelon.

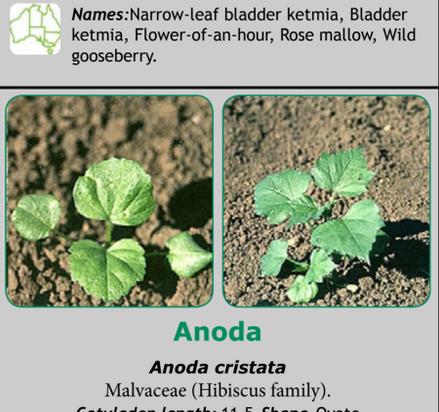


### Safflower

**Carthamus tinctorius**  
Asteraceae (Daisy family).  
Cotyledon length: 22.5 Shape: Ovate

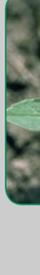


Names: Safflower.

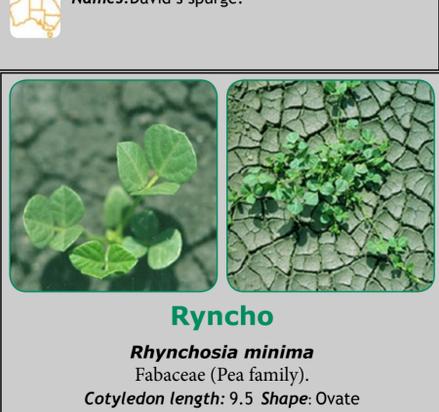


### Cotton

**Gossypium hirsutum**  
Malvaceae (Hibiscus family).  
Cotyledon length: 20 Shape: Ovate



Names: Cotton, Upland cotton.

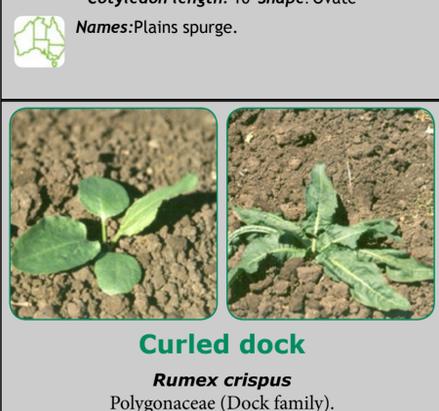


### Native rosella

**Abelmoschus ficulneus**  
Malvaceae (Hibiscus family).  
Cotyledon length: 17.5 Shape: Ovate



Names: Native rosella

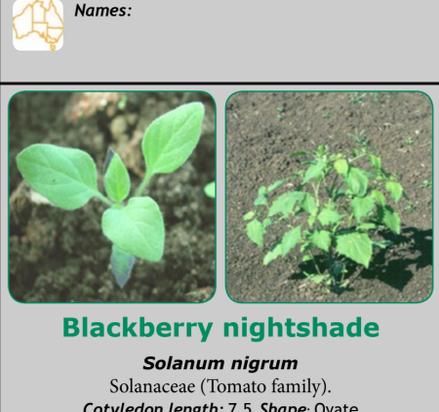


### Wide-leaf bladder ketmia

**Hibiscus verdicourtii**  
Malvaceae (Hibiscus family).  
Cotyledon length: 18 Shape: Ovate



Names: Wide-leaf bladder ketmia, Bladder ketmia, Flower-of-an-hour, Rose mallow, Wild gooseberry.

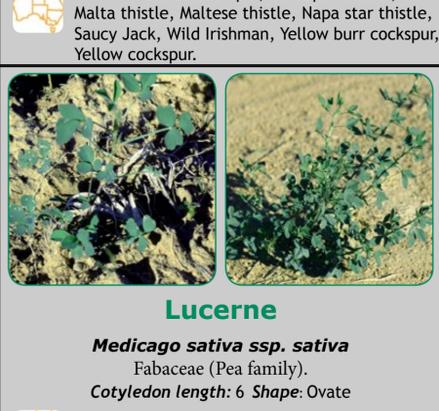


### Variegated thistle

**Silybum marianum**  
Asteraceae (Daisy family).  
Cotyledon length: 17.5 Shape: Ovate



Names: Variegated thistle, Blessed milk thistle, Bull thistle, Cabbage thistle, Gundagai thistle, Gundy, Holly thistle, Lady's thistle, Milk thistle, Spotted milk thistle, Spotted thistle, St. Mary's thistle, Variegated artichoke.

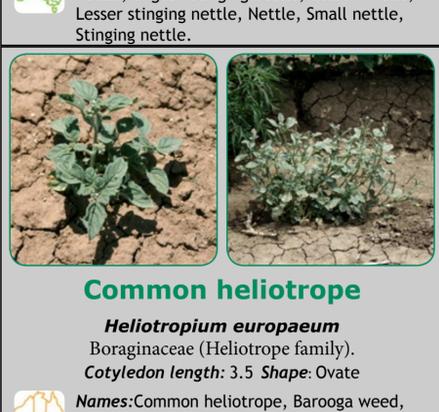


### Spear thistle

**Cirsium vulgare**  
Asteraceae (Daisy family).  
Cotyledon length: 17 Shape: Ovate



Names: Spear thistle, Black thistle, Bull thistle, Fuller's thistle, Green thistle, Scotch thistle.

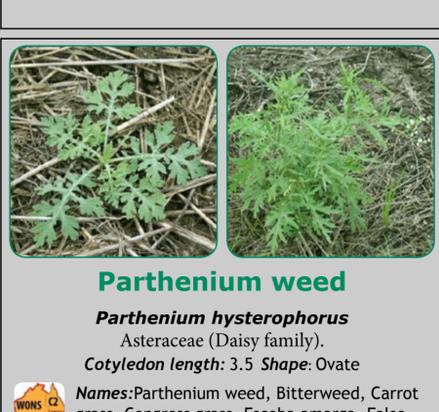


### Scarlet pimpernel

**Anagallis arvensis**  
Primulaceae (Primula family).  
Cotyledon length: 15 Shape: Ovate



Names: Scarlet pimpernel, Blue pimpernel, Pimpernel, Red pimpernel.

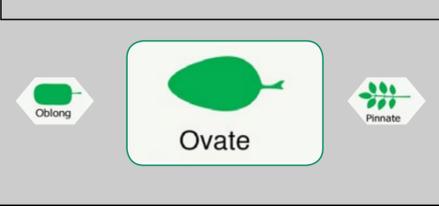


### Narrow-leaf bladder ketmia

**Hibiscus tridactylites**  
Malvaceae (Hibiscus family).  
Cotyledon length: 11.5 Shape: Ovate



Names: Narrow-leaf bladder ketmia, Bladder ketmia, Flower-of-an-hour, Rose mallow, Wild gooseberry.



### Anoda

**Anoda cristata**  
Malvaceae (Hibiscus family).  
Cotyledon length: 11.5 Shape: Ovate



Names: Anoda, Spurred anoda.



### Wild sunflower

**Verbesina encelioides**  
Asteraceae (Daisy family).  
Cotyledon length: 12 Shape: Ovate



Names: Wild sunflower, American dogweed, Butter daisy, Crownbeard, Golden crownbeard, Goldweed, South African daisy.



### David's spurge

**Euphorbia davidii**  
Euphorbiaceae (Spurge family).  
Cotyledon length: 12 Shape: Ovate



Names: David's spurge.



### Ryncho

**Rhynchosia**  
Fabaceae (Pea family).  
Cotyledon length: 9.5 Shape: Ovate



Names: Ryncho, Rhynchosia.



### Patterson's curse

**Echium plantagineum**  
Boraginaceae (Heliotrope family).  
Cotyledon length: 10 Shape: Ovate



Names: Patterson's curse, Blue echium, Blue-weed, Lady Campbell weed, Plantain-leaf viper's bugloss, Purple bugloss, Purple echium, Purple vipers bugloss, Riverina bluebell, Salvation Jane.



### Plains spurge

**Euphorbia planitcola**  
Euphorbiaceae (Spurge family).  
Cotyledon length: 10 Shape: Ovate



Names: Plains spurge.



### Curled dock

**Rumex crispus**  
Polygonaceae (Dock family).  
Cotyledon length: 10 Shape: Ovate



Names: Curled dock, Yellow dock.



### Common joyweed

**Alternanthera nodiflora**  
Amaranthaceae (Amaranth family).  
Cotyledon length: 7.5 Shape: Ovate



Names: Common joyweed, Joyweed, Native carpetweed.



### Phasey bean

**Macroptilium lathyroides**  
Fabaceae (Pea family).  
Cotyledon length: 8 Shape: Ovate



Names:



### Blackberry nightshade

**Solanum nigrum**  
Solanaceae (Tomato family).  
Cotyledon length: 7.5 Shape: Ovate



Names: Blackberry nightshade, Black nightshade, Nightshade, Potato bush, Tomato bush, Wild currents.



### Wild gooseberry

**Physalis minima**  
Solanaceae (Tomato family).  
Cotyledon length: 8 Shape: Ovate



Names: Wild gooseberry, Chinese lantern, Indian gooseberry weed, Native gooseberry, Perennial gooseberry.



### Maltese cockspar

**Centaurea melitensis**  
Asteraceae (Daisy family).  
Cotyledon length: 5.5 Shape: Ovate



Names: Maltese cockspar, Cockspar thistle, Malta thistle, Maltese thistle, Escoba amarga, False saucy Jack, Wild Irishman, Yellow burr cockspar, Yellow cockspar.



### Lucerne

**Medicago sativa ssp. sativa**  
Fabaceae (Pea family).  
Cotyledon length: 6 Shape: Ovate



Names: Lucerne, Alfalfa, Perennial lucerne, Violet-flowered lucerne.



### Emu foot (broad leaf type)

**Cullan tenax (broad leaf type)**  
Fabaceae (Pea family).  
Cotyledon length: 5 Shape: Ovate



Names: Emu foot, Emu grass, Native lucerne, Tough scurfpea, Tough psoralea, Wild lucerne.



### Dwarf nettle

**Urtica urens**  
Urticaceae (Nettle family).  
Cotyledon length: 4 Shape: Ovate



Names: Dwarf nettle, Annual nettle, Burning nettle, English stinging nettle, Lesser nettle, Lesser stinging nettle, Nettle, Small nettle, Stinging nettle.



### Common heliotrope

**Heliotropium europaeum**  
Boraginaceae (Heliotrope family).  
Cotyledon length: 3.5 Shape: Ovate



Names: Common heliotrope, Barooga weed, Bishop's beard, Caterpillar weed, European heliotrope, Heliotrope, Potato weed, Wandary curse, wild heliotrope.



### Deadnettle

**Lamium amplexicaule**  
Lamiaceae (Mint family).  
Cotyledon length: 4 Shape: Ovate



Names: Deadnettle, Henbit, Henbit deadnettle, Pink weed, Stinging nettle.



### White clover

**Trifolium repens**  
Fabaceae (Pea family).  
Cotyledon length: 3.5 Shape: Ovate



Names: White clover, Dutch clover, White Dutch clover.



### Parthenium weed

**Parthenium hysterophorus**  
Asteraceae (Daisy family).  
Cotyledon length: 3.5 Shape: Ovate



Names: Parthenium weed, Bitterweed, Carrot grass, Congress grass, Escoba amarga, False ragweed, Feverfew, Parthenium, Ragweed, Ragweed parthenium, Whitetop.



### Purpletop

**Verbena bonariensis**  
Verbenaceae (Verbena family).  
Cotyledon length: 2.5 Shape: Ovate



Names: Purpletop, Bluetop, Blanket weed, Cluster-flowered verbena, Cluster-flowered verbena, Purpletop verbena, Purpletop vervain, Tall verbena.



### Hare's foot clover

**Trifolium arvense**  
Fabaceae (Pea family).  
Cotyledon length: 2.5 Shape: Ovate



Names: Hare's foot clover, Calf clover, Haresfoot clover, Pussy clover, Rabbit's foot clover, Stone clover.





Ovate



Pinnate



Round



## Woolly pod vetch

***Vicia villosa subsp. eriocarpa***

Fabaceae (Pea family).

**Cotyledon length: 9 Shape: Pinnate**



**Names:**Woollypod vetch.



## Chickpea

***Cicer arietinum***

Fabaceae (Pea family).

**Cotyledon length: 4 Shape: Pinnate**



**Names:**Chickpea, Garbanzo bean, Gram.



Ovate



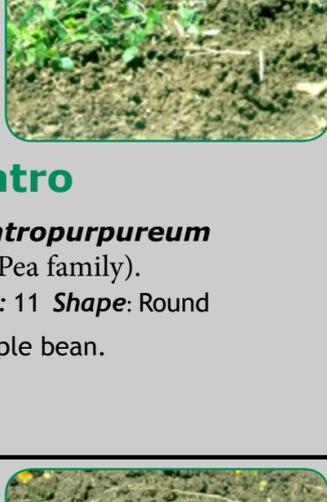
Pinnate



Round



Round



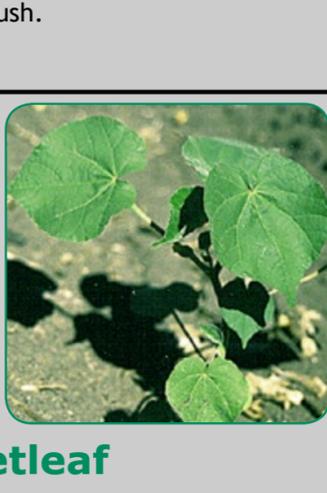
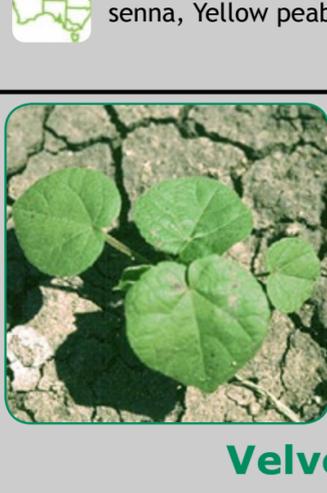
### Siratro

**Macroptilium atropurpureum**

Fabeaceae (Pea family).

**Cotyledon length: 11 Shape: Round**

**Names:**Siratro, Purple bean.



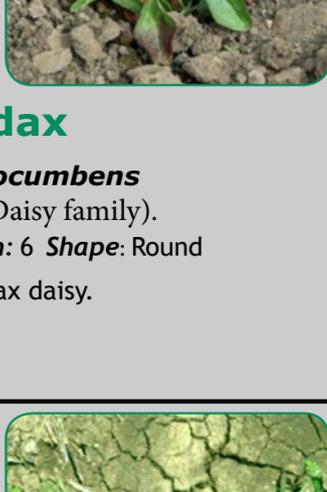
### Pepper-leaf senna

**Senna barclayana**

Caesalpiniaceae (Cassia family).

**Cotyledon length: 9 Shape: Round**

**Names:**Pepper-leaf senna, Antbush, Smooth senna, Yellow peabush.



### Velvetleaf

**Abutilon theophrasti**

Malvaceae (Hibiscus family).

**Cotyledon length: 7.5 Shape: Round**

**Names:**Velvetleaf, American jute, Chinese hemp, Chinese jute, Chinese lantern, Chingma lantern, Indian mallow, Lanternflower, Swamp Chinese lantern.



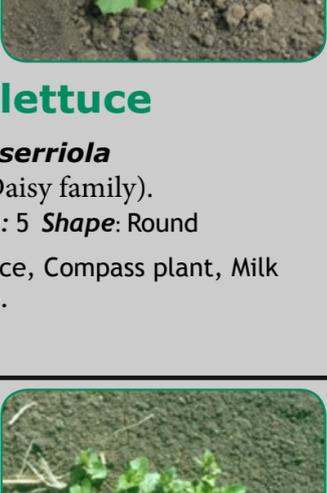
### Tridax

**Tridax procumbens**

Asteraceae (Daisy family).

**Cotyledon length: 6 Shape: Round**

**Names:**Tridax, Tridax daisy.



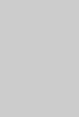
### Native sensitive plant

**Neptunia gracilis**

Mimosaceae (Wattle family).

**Cotyledon length: 6 Shape: Round**

**Names:**Native sensitive plant, Selenium weed, Sensitive plant.



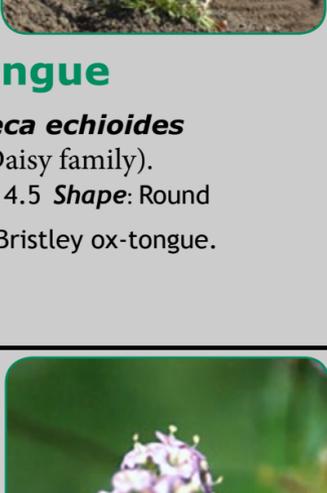
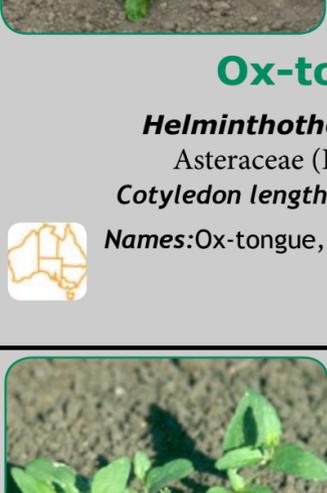
### Indian hedge mustard

**Sisymbrium orientale**

Brassicaceae (Cabbage family).

**Cotyledon length: 5.5 Shape: Round**

**Names:**Indian hedge mustard, Eastern rocket, Mustard, Oriental rocket, Wild mustard.



### Prickly lettuce

**Lactuca serriola**

Asteraceae (Daisy family).

**Cotyledon length: 5 Shape: Round**

**Names:**Prickly lettuce, Compass plant, Milk thistle, Whip thistle.



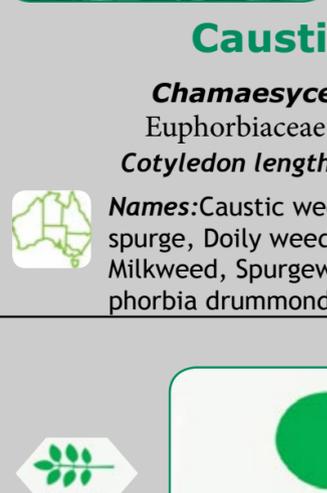
### Stagger weed

**Stachys arvensis**

Lamiaceae (Mint family).

**Cotyledon length: 4.5 Shape: Round**

**Names:**Stagger weed, Corn woundwort, Field stachys, Field wound root, Field woundwort, Hedge nettle, Mintweed, Woundwort.



### Common sowthistle

**Sonchus oleraceus**

Asteraceae (Daisy family).

**Cotyledon length: 4.5 Shape: Round**

**Names:**Common sowthistle, Annual sowthistle, Common milk thistle, Milk thistle, Milkweed, Sowthistle, Thalaak.



### Ox-tongue

**Helminthotheca echioides**

Asteraceae (Daisy family).

**Cotyledon length: 4.5 Shape: Round**

**Names:**Ox-tongue, Bristley ox-tongue.



### Tarvine

**Boerhavia dominii**

Nyctaginaceae (Tarvine family).

**Cotyledon length: 3.5 Shape: Round**

**Names:**Tarvine, Common spiderling, Hogweed, Giotcho, Murra, Tah-vine.



### Billygoat weed

**Ageratum conyzoides**

Asteraceae (Daisy family).

**Cotyledon length: 3 Shape: Round**

**Names:**Billygoat weed, Blue bonnet, Bluetop, Goatweed.



### Caustic weed

**Chamaesyce drummondii**

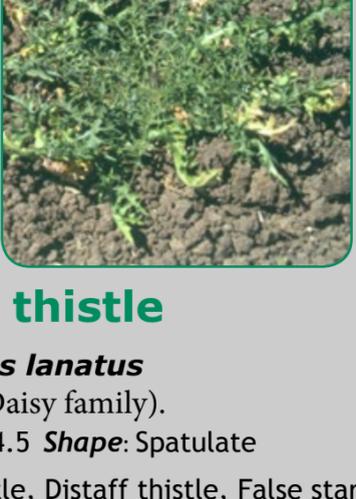
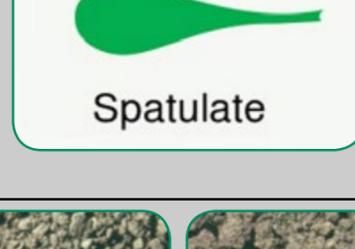
Euphorbiaceae (Spurge family).

**Cotyledon length: 2.5 Shape: Round**

**Names:**Caustic weed, Caustic creeper, Creeping spurge, Doily weed, Flat spurge, Mat spurge, Milkweed, Spurgewort. Formerly named Euphorbia drummondii.



Round



### Saffron thistle

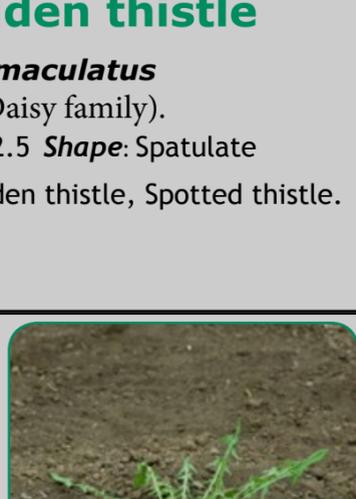
**Carthamus lanatus**

Asteraceae (Daisy family).

**Cotyledon length:** 14.5 **Shape:** Spatulate



**Names:**Saffron thistle, Distaff thistle, False star thistle, Woolly safflower, Woolly star thistle, Woolly thistle, Yellow star thistle.



### Spotted golden thistle

**Scolymus maculatus**

Asteraceae (Daisy family).

**Cotyledon length:** 12.5 **Shape:** Spatulate



**Names:**Spotted golden thistle, Spotted thistle.

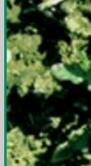


### Chicory

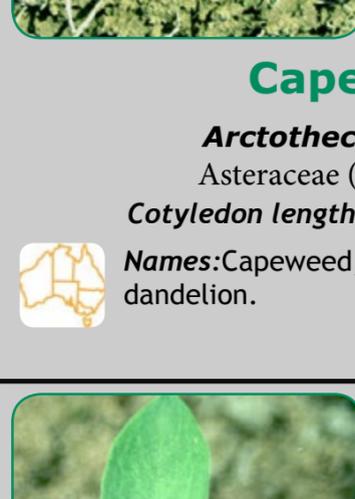
**Cichorium intybus**

Asteraceae (Daisy family).

**Cotyledon length:** 10 **Shape:** Spatulate



**Names:**Chicory, Belgian endive, Succory, Wild succory, Witloof.



### White flatweed

**Hypochaeris microcephala var. albiflora**

Asteraceae (Daisy family).

**Cotyledon length:** 9.5 **Shape:** Spatulate



**Names:**White flatweed, Dandelion, Flatweed, White-flowered flatweed.



### Capeweed

**Arctotheca calendula**

Asteraceae (Daisy family).

**Cotyledon length:** 8 **Shape:** Spatulate



**Names:**Capeweed, African marigold, Cape dandelion.



### Wireweed

**Polygonum aviculare**

Polygonaceae (Dock family).

**Cotyledon length:** 8.5 **Shape:** Spatulate



**Names:**Wireweed, Hogweed, Ironweed, Knotweed, Prostrate knotweed.

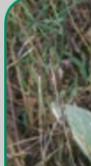


### Twiggy mullein

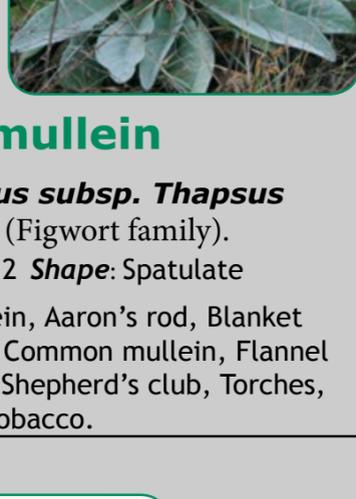
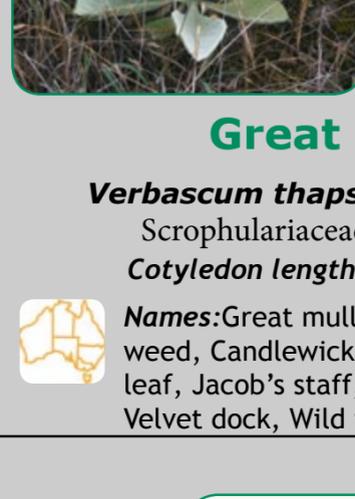
**Verbascum virgatum**

Scrophulariaceae (Figwort family).

**Cotyledon length:** 4.5 **Shape:** Spatulate



**Names:**Twiggy mullein, Green mullein, Slender mullein.



### African turnip weed

**Sisymbrium thelingii**

Brassicaceae (Cabbage family).

**Cotyledon length:** 4.5 **Shape:** Spatulate



**Names:**African turnip weed.



### African turnip weed

**Sisymbrium thelingii**

Brassicaceae (Cabbage family).

**Cotyledon length:** 4.5 **Shape:** Spatulate



**Names:**African turnip weed.



### Lippia

**Phylla canescens**

Verbenaceae (Verbena family).

**Cotyledon length:** 2.5 **Shape:** Spatulate



**Names:**Lippia, Carpetweed, Fog fruit.



### Great mullein

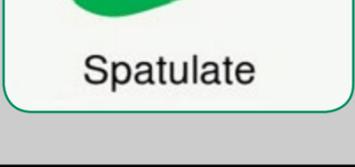
**Verbascum thapsus subsp. Thapsus**

Scrophulariaceae (Figwort family).

**Cotyledon length:** 2 **Shape:** Spatulate



**Names:**Great mullein, Aaron's rod, Blanket weed, Candlewick, Common mullein, Flannel leaf, Jacob's staff, Shepherd's club, Torches, Velvet dock, Wild tobacco.



# Common Names

African turnip weed  
African turnip weed  
Annual polymeria  
Annual saltbush  
Anoda  
Australian bindweed  
Australian cranesbill  
Bathurst burr  
Bellvine  
Billygoat weed  
Bishop's weed  
Blackberry nightshade  
Black bindweed  
Black pigweed  
Budda pea  
Burr medic  
Butterfly pea  
Californian burr  
Canola  
Capeweed  
Castor oil plant  
Cathead  
Caustic weed  
Chickpea  
Chicory  
Climbing saltbush  
Common heliotrope  
Common joyweed  
Common morning glory  
Common sowthistle  
Corrugated sida  
Cotton  
Cowvine  
Curled dock  
David's spurge  
Deadnettle  
Desert cowvine  
Downy thornapple  
Dwarf amaranth  
Dwarf marigold  
Dwarf nettle  
Elephant creeper  
Emu foot (broad leaf type)  
Faba bean  
Fathen  
Fennel  
Fierce thornapple  
Flaxleaf fleabane  
Gomphrena weed  
Great mullein  
Green amaranth  
Grey rattlepod  
Hairy pigweed  
Hare's foot clover  
Hogweed  
Indian hedge mustard  
Italian cockleburr  
Khaki weed  
Lippia  
Littlebell  
Lucerne  
Maloga bean  
Maltese cockspur  
Mexican poppy ochroleuca  
Milkweed  
Mimosa bush  
Mint weed  
Mung bean  
Narrow-leaf bladder ketmia  
Native rosella  
Native sensitive plant  
Noogoora burr  
Onion vine  
Ox-tongue  
Pale knotweed  
Parthenium weed  
Patterson's curse  
Pepper-leaf senna  
Phasey bean  
Pigeon pea  
Pigweed  
Plains spurge  
Polymeria take-all  
Prickly lettuce  
Purple-flowered devil's claw  
Purpletop  
Redroot amaranth  
Ryncho  
Safflower  
Saffron thistle  
Scarlet pimpernel  
Scurvy grass  
Sesbania  
Shepherd's purse  
Siratro  
Small-flowered mallow  
Smooth senna  
Soft roly-poly  
Spear thistle  
Spiny emex  
Spotted golden thistle  
Stagger weed  
St. Barnaby's thistle  
Stinking passionflower  
Sunflower  
Tarvine  
Tridax  
Turnip weed  
Twiggy mullein  
Variegated thistle  
Velvetleaf  
Velvety tree pear  
Vigna takeall  
White clover  
White flatweed  
Wide-leaf bladder ketmia  
Wild cotton  
Wild gooseberry  
Wild melon  
Wild radish  
Wild sunflower  
Willow primrose  
Wireweed  
Woolly pod vetch  
Yellow-flowered Devil's claw  
Yellow vine

# Declaration Icons for Weedpak Seedling ID Guide



Native



Exotic



Exotic NSW C3 Declaration



Exotic NSW C4 Declaration



Exotic NSW C5 Declaration



Exotic WONS, Qld C2, Declaration



Native WONS, NSW C1, Qld C2 Declaration



Resistance confirmed in this species

## Explanation of NSW weed control classes

The characteristics of each class are as follows:

**Class 1** noxious weeds are plants that pose a potentially serious threat to primary production or the environment and are not present in the State or are present only to a limited extent.

**Class 2** noxious weeds are plants that pose a potentially serious threat to primary production or the environment of a region to which the order applies and are not present in the region or are present only to a limited extent.

**Class 3** noxious weeds are plants that pose a serious threat to primary production or the environment of an area to which the order applies, are not widely distributed in the area and are likely to spread in the area or to another area.

**Class 4** noxious weeds are plants that pose a threat to primary production, the environment or human health, are widely distributed in an area to which the order applies and are likely to spread in the area or to another area.

**Class 5** noxious weeds are plants that are likely, by their sale or the sale of their seeds or movement within the State or an area of the State, to spread in the State or outside the State.

For more information on NSW weed declarations visit:

<http://www.dpi.nsw.gov.au/agriculture/pests-weeds/weeds/definition>

## Explanation of Queensland weed control classes

**A Class 1** pest is one that has the potential to become a very serious pest in Queensland in the future. We need to prevent the introduction, possession and sale of these species so that they can't escape to become pests. All landholders are required by law to keep their land free of Class 1 pests. It is a serious offence to introduce, keep, release or sell Class 1 pests without a permit.

**A Class 2** pest is one that has already spread over substantial areas of Queensland, but its impact is so serious that we need to try and control it and avoid further spread onto properties that are still free of the pest. By law, all landholders must try to keep their land free of Class 2 pests and it is an offence to possess, sell or release these pests without a permit.

**A Class 3** pest is one that is commonly established in parts of Queensland. Landholders are not required to control a Class 3 declared pest plant on their land unless a pest control notice is issued by a local government because the pest is causing or has potential to cause a negative impact on an adjacent environmentally significant area. It is an offence to supply a Class 3 pest. A permit for specific purposes may be issued by Biosecurity Queensland. Species not declared under the Land Protection (Pests and Stock Route Management) Act 2002 may still be declared at a local government level under local laws.

For more information on Queensland weed declarations visit:

<http://www.daff.qld.gov.au/plants/weeds-pest-animals-ants/weeds/declared-plants>