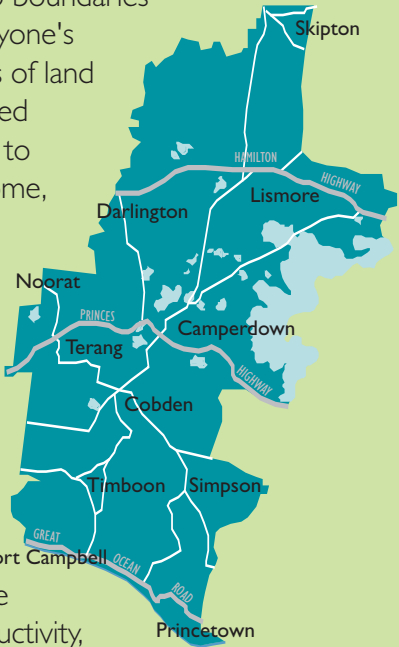




# Agricultural and Environmental WEEDS of the Corangamite Shire

The **Corangamite Shire** is located in Southwest Victoria and incorporates highly productive agricultural land and natural assets that are appreciated around the world. Diverse native vegetation and agricultural enterprises sweep from the rugged coast lines in the south to the open basalt plains in the north.

A weed is classified as a plant that invades and threatens our native vegetation or primary production areas. The Corangamite Shire has a major weed problem. It will take effort from the entire community to halt the spread of weeds. Weeds have no boundaries and therefore it is everyone's responsibility regardless of land tenure. One uncontrolled weed has the potential to reduce agricultural income, reduce land values and destroy large areas of bushland and habitat for native animals.



A combined community approach will assist the control and eventual eradication of weeds. This will improve local and regional productivity, enhance sustainable land-use, and increase local native vegetation and habitat.

**This brochure identifies fifty of the most threatening weeds in the Corangamite Shire.**

This list is only a small amount compared to the hundreds of species that are freely invading our natural environment and agricultural land.

## WEED CONTROL TECHNIQUES

- Remove by hand
- Cut stem and paint with herbicide
- Drill and Fill with herbicide
- Overspray or wick wipe with herbicide
- Dig out (by hand or with machinery)

## CONTROL MEASURES

There are many different ways to control weeds that threaten your property. The examples provided in this brochure are a guide and have been selected for various plants depending on their efficiency in removing that particular weed. Weeds are however able to re-establish and infest areas quickly. All weed control programs should be undertaken over a five year period with annual monitoring into the future.

There are a number of important steps to be considered before any weed control program should take place. These considerations may be the difference between success or failure of a control program and are listed below:-

- Make sure you have correctly identified the weed you wish to remove.
- Establish why you would like to remove the weed and what you will replace the weed with in the long term.



Create a home for wildlife and grow native plants!

Replacement species should be native plants to encourage wildlife and long term environmental health.

- Decide which control method you wish to use.
- Identify non target species or native plants and plan how these will be avoided during the control program.
- Set monthly and yearly targets.

## If using chemicals

- Determine if you have the skills, qualifications and equipment to undertake the work. If not, contact a weed contractor who will assist you with advice and procedures for removing the weed.
- Discuss with your chemical supplier the most appropriate chemical for your job.
- Always read the label on the container and use as recommended.
- Wear appropriate safety equipment as stated on the label, especially during mixing.
- Keep children and pets away from the treated areas for a number of days.
- If weeds are near public areas or boundaries, erect a notice for the public so they can avoid the area (especially for fruit bearing plants like Blackberries and Apples)
- Check the weather; if it rains just after you have sprayed your work may be lost. Be aware of the wind and possible spray drift that may effect nearby crops or other plants.



# Common Garden and Agricultural Plants that are Environmental Weeds



## CLIMBERS AND CREEPERS



**Blackberry** *Rubus fruticosus* spp. agg.  
Flowering Time: Early Summer  
Seeding Time: Berries ripen in late Summer - early Autumn  
Control Time: November - April



**Blue Periwinkle** *Vinca major*  
Flowering Time: Spring  
Vegetative reproduction only  
Control Time: September - November



**Bluebell Creeper** *Sollya heterophylla*  
Flowering Time: Spring - Summer  
Seeding Time: Autumn - Winter  
Control Time: August - February



**Bridal Creeper** *Myrsiphyllum asparagoides*  
Flowering Time: Summer  
Seeding Time: Autumn - Winter  
Control Time: Seedlings March - May, Established July- Sept.



**Cape Ivy** *Delairea odorata*  
Flowering Time: Early Spring  
Seeding Time: Orange berries in Summer  
Control Time: March - June



**English Ivy** *Hedera helix*  
Flowering Time: Late Autumn - Winter  
Seeding Time: Berries in Winter - Spring  
Control Time: January - April



**Nasturium** *Tropaeolum majus* sp.  
Flowering Time: September - April  
Seeding Time: January - April  
Control Time: September - January



**Wandering Jew** *Tradescantia albiflora*  
Flowering Time: Summer  
Seeding Time: Vegetatively reproduction only  
Control Time: November - March

## TREES



**Apple Trees** *Malus X domestica*  
Flowering Time: Spring  
Seeding Time: Summer  
Control Time: Cut & paint September to March



**African Boxthorn** *Lycium ferocissimum*  
Flowering Time: Only flowers in 2nd year of growth, usually Summer  
Seeding Time: Throughout the year  
Control Time: September - December, or cut and paint anytime



**Cape Wattle** *Paraserianthes lophantha* ssp. *lophantha*  
Flowering Time: Winter  
Seeding Time: Pods in Summer  
Control Time: June - November or cut & paint anytime



**Coast Wattle** *Acacia longifolia* *vr. sophorae*  
Flowering Time: Spring  
Seeding Time: Pods in Summer  
Control Time: August - October



**Cootamundra Wattle** *Acacia baileyana*  
Flowering Time: Winter  
Seeding Time: Pods in Spring - Summer  
Control Time: April or cut and paint anytime



**Cotoneasters** *Cotoneaster* species  
Flowering Time: Spring  
Seeding Time: Red berries in late Summer - Autumn  
Control Time: June - November or cut & paint anytime



**Desert Ash** *Fraxinus angustifolia*  
Flowering Time: Spring  
Seeding Time: Summer  
Control Time: September - April



**Poplars** *Populus* spp.  
Flowering Time: Spring  
Seeding Time: Mainly vegetative  
Control Time: September - March



**Radiata Pine** *Pinus radiata*  
Flowering Time: Late Winter  
Seeding Time: Cones can open at any time of year  
Control Time: August - February, or cut and paint anytime



**Sweet Pittosporum** *Pittosporum undulatum*  
Flowering Time: Spring  
Seeding Time: Orange berries in Autumn - Winter  
Control Time: July - September, or cut and paint anytime



**Tree Lucerne** *Cytisus palmensis*  
Flowering Time: Spring  
Seeding Time: Pods in Summer  
Control Time: cut and paint anytime



**Willows** *Salix* species  
Flowering Time: Spring  
Seeding Time: Only *Salix cinerea* sets seed  
Control Time: September - March

## "Weed Spotting"

New weeds are constantly being identified throughout the Corangamite Shire. We need a combined effort to help identify infestations of both new and old weeds. If you find a plant that appears to be rapidly increasing in distribution or are unable to recognise what it is, don't hesitate. Identify the weed by collecting a sample and looking through reference books or by taking it to one of the "further information" contacts provided in this Brochure. Once identified determine if it is a weed and then apply the best control methods.

Control the weed and then monitor the site until no reinfestation occurs. Record the size of the infestation and how it was controlled.

This information can be retained for your records but also should be sent to DPI weed officers to form an important background on what has been found and which control methods have been undertaken.

## FURTHER INFORMATION

**Corangamite Shire**  
Manifold Street Camperdown 3260  
Phone: (03) 5593 7100  
[www.corangamite.vic.gov.au](http://www.corangamite.vic.gov.au)

**Powercor**  
Phone enquiries 132206  
[www.powercor.com.au](http://www.powercor.com.au)

**VicRoads**  
180 Fyans Street South Geelong 3220  
Phone (03) 5225 2525  
[www.vicroads.vic.gov.au](http://www.vicroads.vic.gov.au)

**South West Vermin and Weed Control**  
Derrinallum 3325  
Phone Rob Millard on 0418 587 919

**Department of Primary Industries**  
Phone 136 186

DPI Field Staff  
Manifold Street Camperdown 3260  
DPI Weed Staff  
83 Gellibrand Street Colac 3250  
[www.dpi.vic.gov.au](http://www.dpi.vic.gov.au)  
search under "pest plants"

**Corangamite Catchment Management Authority**  
64 Dennis Street Colac 3250  
Phone (03) 5232 9100  
[www.ccm.vic.gov.au](http://www.ccm.vic.gov.au)

**Heytesbury District Landcare Network**  
Shop 1, 47 Main Street Timboon 3268  
Phone: (03) 5598 3755  
[hdln@hotmail.net.au](mailto:hdln@hotmail.net.au)

**The Lismore Land Protection Group**  
19 High Street Lismore 3324  
Phone: (03) 5596 2395  
[landcare@lca-online.com.au](mailto:landcare@lca-online.com.au)

## FURTHER READING

**Bush Invaders of South-East Australia**  
Adam Muyt  
Published by R.G. and F.J. Richardson Meredith Victoria (2001)

**Noxious Weeds of Australia**  
(second edition)  
W.T. Parsons and E.G. Cuthbertson  
CSIRO Printing (2004)

**Environmental Weeds**  
**A field guide for SE Australia**  
Kate Blood  
Blooming Books (2003)

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Common Garden and Agricultural Plants that are

# Environmental Weeds



## GRASSES AND HERBS



**Agapanthus** *Agapanthus praecox* spp. *orientalis*  
Flowering Time: Early Summer  
Seeding Time: Late Summer early Autumn  
Control Time: June - August



**Angled Onion** *Allium triquetrum*  
Flowering Time: Winter - Spring  
Seeding Time: Late Spring - Summer  
Control Time: July - November



**Arum Lily** *Zantedeschia aethiopica*  
Flowering Time: Late Winter - early Spring  
Seeding Time: Late Spring - early Summer  
Control Time: August - December



**Bulbil Watsonia** *Watsonia meriana*  
Flowering Time: Spring - Summer but doesn't flower until its 3rd year  
Seeding Time: Summer - early Autumn also spreads from stem bulbis & underground corms  
Control Time: August - October



**Cape Tulip** *Hopmeria flaccida*  
Flowering Time: Late Spring - Summer  
Seeding Time: Autumn and also bulbs  
Control Time: September - March



**Cape Weed** *Arctotheca calendula*  
Flowering Time: Late Spring - Early Summer  
Seeding Time: Summer  
Control Time: September - February



**Fennel** *Feoniculum vulgare*  
Flowering Time: All year round but predominately in Spring  
Seeding Time: Mostly Summer  
Control Time: August - October



**Freesia** *Freesia alba* x *Freesia leichtlinii*  
Flowering Time: December - January  
Seeding Time: January - March  
Control Time: Autumn - Winter



**Gazania** *Gazania linearis*, *Gazania rigens*  
Flowering Time: Spring - Summer  
Seeding Time: Late Spring - Summer  
Control Time: All year



**Kikuyu/Buffalo Grass** *Pennisetum clandestinum*  
Flowering Time: Rarely flowers except cultivated varieties in summer  
reproduction by running shoots  
Control Time: September - February



**Montbretia** *Crocosmia x crocosmiflora*  
Flowering Time: Spring - Summer  
Seeding Time: Autumn. Also reproduces by bulbis  
Control Time: August - September



**Texas & Chilean Needle Grass** *introduced Nassella* spp.  
Flowering Time: Sept - Oct Seeding Time: Nov - Dec  
Control Time: All year, mainly September - February



**Ox-eye Daisy** *Chrysanthemum leucanthemum*  
Flowering Time: Late Spring - Summer  
Seeding Time: Summer  
Control Time: September - March



**Pampas Grass** *Cortaderia selloana*  
Flowering Time: Autumn  
Seeding Time: Winter - Spring  
Control Time: September, March - April



**Paterson's Curse** *Echium plantagineum* L.  
Flowering Time: Spring - early Summer  
Seeding Time: Summer  
Control Time: September - October or when actively growing



**Phalaris** *Phalaris aquatica*  
Flowering Time: December - January  
Seeding Time: January - March  
Control Time: September - March



**Serrated Tussock** *Nassella trichotoma*  
Flowering Time: Summer  
Seeding Time: January - February  
Control Time: September - March



**Sparaxis** *Sparaxis bulbifera*  
Flowering Time: September - October  
Seeding Time: November - January  
Control Time: Autumn - Winter



**Spear Thistle** *Cirsium vulgare*  
Flowering Time: Winter  
Seeding Time: Spring  
Control Time: Anytime plant is in active growth



**Variegated Thistle** *Silybum marianum*  
Flowering Time: Late Spring - Early Summer. In wetter areas they can flower right through Summer into Winter  
Seeding Time: Summer - Autumn  
Control Time: Anytime the plant is actively growing

## SHRUBS



**Cape Broom** *Genista monspessulana*  
Flowering Time: Spring  
Seeding Time: Pods in Summer  
Control Time: June - November, or cut and paint anytime



**English Broom** *Cytisus spocarius*  
Flowering Time: Spring  
Seeding Time: Pods in Summer  
Control Time: September - December or cut and paint anytime



**Gorse** *Ulex europaeus*  
Flowering Time: Sporadic all year, but predominately in Spring  
Seeding Time: Predominantly summer depending on flowering time  
Control Time: August - March, or dig out and cut and paint anytime



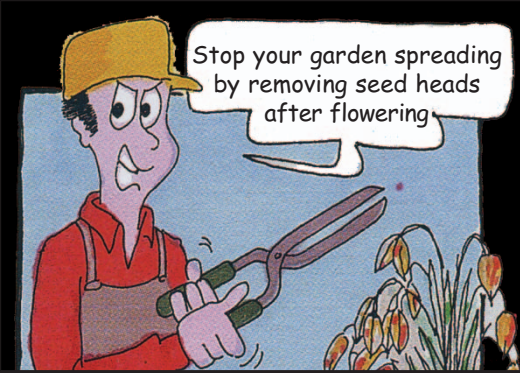
**Hawthorn** *Crataegus monogyna*  
Flowering Time: Summer - Spring  
Seeding Time: Autumn - Winter  
Control Time: April or cut and paint anytime



**Hemlock** *Conium maculatum*  
Flowering Time: Spring  
Seeding Time: After rain in Autumn - Spring  
Control Time: May - October



**Mirror Bush** *Coprosma repens*  
Flowering Time: Late Spring - early Summer  
Seeding Time: Late Summer - early Autumn  
Control Time: August - November



**Ragwort (ADULT)** *Senecio jacobaea*  
Flowering Time: October - March but damaged plants may flower anytime  
Seeding Time: Germination takes place in Autumn but may occur anytime if conditions are suitable  
Control Time: March - November



**Ragwort (YOUNG)** *Senecio jacobaea*  
Flowering Time: October - March but damaged plants may flower anytime  
Seeding Time: Germination takes place in Autumn but may occur anytime if conditions are suitable  
Control Time: March - November



**Spanish Heath** *Erica lusitanica*  
Flowering Time: Winter  
Seeding Time: Summer - early Autumn  
Control Time: All year



**Sweet Briar** *Rosa rubiginosa*  
Flowering Time: Late Spring - early Summer  
Seeding Time: Summer - early Autumn  
Control Time: September - November, or cut and paint anytime



### TREES AND POWERLINES

Powercor Australia is responsible for pruning and clearing trees outside urban areas on roadside reserves throughout the Shire where they are likely to interfere with powerlines.

Residents and/or Powercor Australia are responsible for ensuring trees on private properties do not come in contact with powerlines. If you have any queries regarding tree clearing responsibilities or safety issues, contact Powercor on 132 206.

### WEED CONTROL TECHNIQUES

Remove by hand

Cut stem and paint with herbicide

Drill and Fill with herbicide

Overspray or wick wipe with herbicide

Dig out (by hand or with machinery)

The advice provided in this publication is intended as a source of information only. The Corangamite Shire and it's employees do not guarantee that it is without flaw of any kind and disclaims all liability from error, loss or other consequences which may arise from you relying on any information in this publication.

