



# Great weed control without root pruning

Physically controlling and removing weeds in nurseries is a major task that carries a large financial cost. Weeds compete for water and nutrients and can substantially reduce plant growth and quality. Ronstar® is a highly selective granular pre-emergent herbicide that can be used at plant establishment. It does not affect root systems and therefore offers a flexible approach to effective, economic weed control giving faster plant establishment and growth.

## Key Features

- + Is not taken up by roots – does not affect root systems (no root-pruning) and is not translocated through the plant
- + High level of selectivity – allowing use in a wide range of ornamental species
- + Kills weeds prior to emergence from soil
- + Controls germinating weeds for up to 10 weeks giving season long weed control
- + Does not degrade after exposure to long periods to sunlight, therefore weed control is maintained for a long period
- + Oxadiazon becomes strongly bound to soil humic and clay particles and therefore does not leach from the soil under heavy irrigation or rainfall
- + Retains activity over a range of soil types, organic matter and pH
- + Degraded in soil via microbial pathways – research shows no evidence of build up of oxadiazon in soil after several annual applications

## Weeds controlled

Bittercress (Flickweed), Creeping Oxalis, Petty Spurge, Sorrel, Sowthistle, Trefoils, Willow Herbs, Winter grass.  
In turf: Crowsfoot Grass, Summer Grass, Winter grass, Creeping oxalis.

## Areas of use

Container-grown woody ornamental tree, shrubs and vines. Transplanted field grown ornamental crops (NSW only). Recreational turf including golf fairways, municipal sports fields, industrial and commercial lawns.

## Application rate and delivery

- + 150 or 200 kg/ha
- + Refer also to the table showing rates for individual container sizes

## How to apply

Ronstar should be applied using a properly calibrated granular applicator which will apply the granules in a uniform pattern producing a high standard of weed control. Calibrate according to the machinery manufacturers instructions and recheck the applicator at regular intervals to ensure equipment is performing properly. Overhead irrigation following application will improve weed control activity and distribute chemical evenly. Ronstar should not be applied to wet foliage.

Rate for individual container sizes		
Container size (diameter in cm)	Amount of Ronstar required per container	
	Round	Square
10	0.16 g	0.2 g
15	0.4 g	0.5 g
25	1.0 g	1.3 g
40	2.6 g	3.3 g
51	4.1 g	5.2 g

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## Ronstar can be used on a wide variety of Ornamental species

Abelia	Hibbertia
Acacia	Ixora
Acalypha	Jasminum
Agapanthus	Juniperus
Agonis	Kennedia
Allamanda	Kunzea
Ardisia	Lagerstroemia
Araucaria	Lantana
Azalea	Lavandula
Banksia	Leea
Bauhinia	Leptospermum
Boronia	Leucodendron
Browallia	Leucospermum
Callistemon	Macrozamia
Callitris	Melaleuca
Camellia	Metrosideros
Chamelaucium	Monstera
Coleonema	Nerium
Coprosma	Omolanthus
Cotoneaster	Pandorea
Cuphea	Phoenix
Cupressus	Photinia
Dampiera	Prostanthera
Dodonaea	Protea
Eriostemon	Ravenala
Escallonia	Rosa
Eucalyptus	Rosmarinus
Eutaxia	Russelia
Gardenia	Schefflera
Grevillea	Sollya
Hakea	Viburnum
Hebe	Weigela
Helichrysum (perennial)	Westringia
Hemiandra	

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ALWAYS READ THE LABEL BEFORE USE

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## Best Practice Guidelines

Apply to soil surface of newly potted or freshly weeded containers.

Repeat applications may be made at 10 week intervals. Apply to freshly weeded flower beds. Repeat applications at 10 week intervals.

Apply prior to germination of the weeds (usually from late summer to mid-autumn, February to May, and early spring, August to October), do not overwater pots (moving the particles around the soil surface). Remove granules from plant material via blowing or irrigation.

## Product Profile

### Active Ingredient

20 g/kg Oxadiazon

### Insecticide group

Group 14 Oxidiazole group

### Formulation type

Granule

### Pack size

15 kg (box)

### Personal protective equipment required:

None.

### Regulatory information

APVMA Product Number: 62461

Poisons Schedule: Schedule 6

### Impact on the Environment

All pesticides are regulated under the Agricultural and Veterinary Chemicals Code Act 1994 to ensure that they do not pose an unacceptable risk to human health and the environment.

For more information regarding the pesticide regulatory process please visit the Australian Pesticides and Veterinary Medicines Authority website at [apvma.gov.au](http://apvma.gov.au)

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