



Product Name: Oxstar 20G Herbicide
APVMA Approval No: 84052/127308

Label Name:	Oxstar 20G Herbicide
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Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	20 g/kg OXADIAZON
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Mode of Action:	GROUP G HERBICIDE
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Statement of Claims:	For the Control of Certain Weeds in Woody Ornamental Shrubs and Trees in Nurseries, and in Turf as specified in the Directions for Use
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Net Contents:	500 g - 1000 kg
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Restraints:	DO NOT mix granules with the soil. DO NOT apply to newly seeded turf areas. DO NOT apply to soft, annual flowering plants, ferns or bulbs unless they are listed under Tolerant Nursery Species in General Instructions. DO NOT use in glasshouses or poorly ventilated polyhouses.
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Directions for Use:	This section contains file attachment.
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Other Limitations:	NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION
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Withholding Periods:	
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Trade Advice:	
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General Instructions:	This section contains file attachment.
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Resistance Warning:	GROUP G HERBICIDE Oxstar 20G Herbicide is a member of the Oxidiazole group of herbicides. Oxstar 20G Herbicide has the inhibitors of protoporphyrinogen oxidase mode of action. For weed resistance management, Oxstar 20G Herbicide is a Group G Herbicide. Some naturally occurring weed biotypes resistant to Oxstar 20G Herbicide and other inhibitors of protoporphyrinogen oxidase herbicide may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Oxstar 20G Herbicide or other inhibitors of protoporphyrinogen oxidase herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Turf Culture Pty Ltd accepts no liability for any losses that may result from the failure of Oxstar 20G Herbicide to control resistant weeds.
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Precautions:	
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Protections:	PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT Dangerous to fish. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.
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Storage and Disposal:	Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. Shake empty into granule applicator. DO NOT dispose of undiluted chemicals on site. Break, crush or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste facility is not available bury empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.
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Safety Directions:	Avoid contact with eyes. DO NOT inhale dust. Wash hands after use.
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First Aid Instructions:	If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.
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First Aid Warnings:	
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DIRECTIONS FOR USE

Situation	Weeds Controlled	State	Rate	Critical Comments		
Container-grown woody ornamental shrubs, trees and vines: (See list of tolerant species)	Bittercress (Flickweed) (<i>Cardamine hirsuta</i>), Creeping Oxalis (Yellow Wood Sorrel) (<i>Oxalis corniculata</i>), Petty Spurge (<i>Euphorbia peplus</i>), Sorrel (<i>Rumex acetosella</i>), Sowthistle (<i>Sonchus</i> spp.), Trefoils (Lotus) (<i>Lotus</i> spp.), Willow Herbs (<i>Epilobium</i> spp.), Winter Grass (<i>Poa annua</i>)	All States	200 kg per ha or 20 g/m ²	Apply to soil surface of newly potted or freshly weeded containers. Repeat applications may be made at 10 week intervals.		
				Rates for Individual Container Sizes		
				Container Size	Amount required per container	
				Round Container	Square Container	
				10.2 cm (4 in)	0.16 g	0.21 g
				15.2 cm (6 in)	0.4 g	0.5 g
				25.4 cm (10 in)	1.0 g	1.3 g
				40.6 cm (16 in)	2.6 g	3.3 g
				50.8 cm (20 in)	4.1 g	5.2 g
Field-grown ornamental crops Transplants only: Aster, Carnation, Chrysanthemum Seed and Transplant Gypsophila.		NSW only		Apply to freshly weeded flowerbeds. Repeat applications at 10-week intervals. DO NOT apply to Zinnia or annual Helichrysum seed or transplants.		
Recreational Turf: includes fairways, golf tees, municipal sports fields, industrial and commercial lawns.	Crowsfoot Grass (<i>Eleusine indica</i>), Summer Grass # (<i>Digitaria ciliaris</i>)	All States	150 kg per ha or 1.5 kg per 100 m ²	Apply prior to germination of the weeds (usually from late winter to early Spring, late August to early September). # Summer grass will be suppressed at this rate. DO NOT apply on turf containing Carpet Grass (<i>Axonopus</i> spp.), Centipede Grass (<i>Eremochloa ophiuroides</i>) and Dichondra unless some damage is acceptable. Avoid contact with flowers and shrubs except as directed elsewhere in this label. Owing to the varying cultivation practices used, it is not recommended to apply this product on putting greens and bowling greens. Refer to the General Instructions for more details on application and plant back periods.		
Warm season turfgrass species only: Bahia Grass (<i>Paspalum notatum</i>), Buffalo grass (<i>Stenotaphrum secundatum</i>), Common Couch (<i>Cynodon dactylon</i>) Hybrid Couch (<i>Cynodon dactylon</i> C. <i>transvaalensis</i>), [NOT Santa ana], Kikuyu (<i>Pennisetum clandestinum</i>), Queensland Blue Couch (<i>Digitaria didactyla</i>), Saltwater Couch (<i>Paspalum vaginatum</i>), Zoysia (<i>Zoysia matrella</i>)	Winter grass (<i>Poa annua</i>), Creeping oxalis (Yellow Wood Sorrel) (<i>Oxalis corniculata</i>)	All States	200 kg per ha or 2 kg per 100 m ²	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 apply on turf containing Carpet Grass (<i>Axonopus</i> spp.), Centipede Grass (<i>Eremochloa ophiuroides</i>) and Dichondra unless some damage is acceptable. Avoid contact with flowers and shrubs except as directed elsewhere in this label. Owing to the varying cultivation practices used, it is not recommended to apply this product on putting greens and bowling greens. Refer to the General Instructions for more details on application and plant back periods.		

GENERAL INSTRUCTIONS

Oxstar 20G Herbicide is a pre-emergent herbicide. Control of germinating weed seedlings can be expected for up to 10 weeks after application.

Note on Ornamentals: Oxstar 20G Herbicide has been used on a wide range of ornamental plant species without damage. However, some species and varieties are particularly sensitive to chemical products. As this sensitivity could be related to local conditions, it is advisable to treat only a small number of plants first, in order to determine their reaction to the product, before treating a whole crop.

Tolerant Nursery Species: Some of the species of the genera listed below have been shown to tolerate Oxstar 20G Herbicide at a dose rate of 20 g per square metre.

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

Application

Apply using a properly calibrated granular applicator, which will apply the granules in a uniform pattern. Uniform application is essential for satisfactory weed control. Calibrate the applicator prior to use according to the manufacturer's instructions, and check applicator frequently to ensure that the equipment is working properly. After application, ensure granules are washed or brushed off the foliage, particularly the foliage of prostrate and dense ground-cover plants.

DO NOT apply granules when plant or turf foliage is wet.

Turf

As above (Application section). Ensure that the turf area is free of leaves and other debris, mowing if necessary, so that the granules reach the soil surface. Measure the area to be treated and apply the required amount using a properly calibrated granular applicator as above (Application section).

Oscillating spout and rotary type fertilizer spreaders are recommended for large areas.

Activity of this product is dependent on moist soil conditions. If rain is not received within 2 days after application, apply thorough sprinkler irrigation to wash granules off the leaves and help distribute the granules on the soil surface.

DO NOT apply granules when the turf foliage is wet, if the soil is to be top-dressed with fertilizer, DO NOT apply this product until the top-dressing operation is completed.

Turf Plant-Back Periods

Ryegrass: Allow 4 months after last application to lapse before re-seeding.

Bent grass: Allow 5 months after last application to lapse before re-seeding.