

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



**Genfarm**  
**Oryzalin 500**  
HERBICIDE

ACTIVE CONSTITUENT: 500 g/L ORYZALIN

GROUP	D	HERBICIDE
-------	---	-----------

For pre-emergent control of certain annual grasses and broadleaf weeds in non-bearing and bearing fruit and nut orchards, vineyards, nursery stock, ornamental and amenity plantings as specified in the Directions For Use table.

**IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE**

**CONTENTS: 5 LITRES**  
(20L)

**Genfarm Crop Protection Pty Ltd**  
Suite 3, Level 1, 64 Talavera Road,  
Macquarie Park,  
NSW, 2113  
Tel: (02) 9889 5400

**STORAGE AND DISPOSAL****Keep out of reach of children.**

Store in the closed, original container in a cool, dry, well-ventilated area, out of direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

**SAFETY DIRECTIONS**

Avoid contact with eyes and skin. Do not inhale spray mist.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre (Tel: 13 11 26).

**MATERIAL SAFETY DATA SHEET**

Additional information is listed in the Material Safety Data Sheet, which can be obtained from the supplier.

**CONDITIONS OF SALE**

The use of this product is beyond the control of Genfarm Crop Protection Pty Ltd. No warranty is expressed or implied regarding the suitability or efficiency for any purpose for which it is used by the buyer. Genfarm Crop Protection Pty Ltd accepts no responsibility for any consequences resulting from the use of this product. Genfarm Crop Protection Pty Ltd will not be held liable for any loss, injury or damage arising from the sale, supply or use of this product, whether through negligence or otherwise. No responsibility will be accepted for any consequences whatsoever resulting from the use of this product.

IN EMERGENCY DIAL <b>000,</b> <b>POLICE OR FIRE BRIGADE</b>	FOR SPECIALIST ADVICE IN AN EMERGENCY CALL <b>1800 033 111</b> <b>(24 HOURS)</b>
---	---

**Genfarm Crop Protection Pty Ltd**  
**Suite 3, Level 1, 64 Talavera Road,**  
**Macquarie Park,**  
**NSW, 2113**  
**Tel: (02) 9889 5400**

Batch No:

DOM:

APVMA Approval No: 58808/5/0105

APVMA Approval No: 58808/20/0105

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



**Genfarm**  
**Oryzalin 500**  
HERBICIDE

ACTIVE CONSTITUENT: 500 g/L ORYZALIN

GROUP	D	HERBICIDE
-------	---	-----------

For pre-emergent control of certain annual grasses and broadleaf weeds in non-bearing and bearing fruit and nut orchards, vineyards, nursery stock, ornamental and amenity plantings as specified in the Directions For Use table.

**IMPORTANT: READ THIS LEAFLET BEFORE USE**

**Genfarm Crop Protection Pty Ltd**  
Suite 3, Level 1, 64 Talavera Road,  
Macquarie Park,  
NSW, 2113  
Tel: (02) 9889 5400

**DIRECTIONS FOR USE:**

CROP GROUP				WEEDS CONTROLLED	RATE L/ha	CRITICAL COMMENTS
Banana ①				<b>Grasses:</b> Barnyard Guinea grass Love Paradoxa Pigeon Spiny burr (Gentle Annie/Innocent/Weed) Summer grass (Crabgrass <sup>③</sup> )  <b>Broadleaf Weeds:</b> Deadnettle Fathen Fumitory <i>Portulaca</i> (Pigweed) Sowthistle Wireweed (Hogweed)  <b>Brassica species<sup>④</sup></b> Blackberry Nightshade Caltrop Paddymelon Silverleaf Nightshade	Short term control (up to 4 months) 4.5 L  Long term control (6 – 8 months) 6.8L	<b>See GENERAL INSTRUCTIONS.</b>  ① DO NOT use as a pre-emergent at the time of planting with tissue culture banana planting material.  ② <b>Western Australia only:</b> Vineyards on medium loam or heavier soil types, heavily infested with crabgrass may be sprayed with up to 9.5 L/ha of Genfarm Oryzalin 500 and together with pome fruit and all <i>Prunus</i> species on these soils spraying can be immediately after transplanting from nurseries providing buds are still dormant and no functional leaves are present.  ③ <b>Western Australia only:</b> Apply early in summer for crabgrass ( <i>Digitaria sanguinalis</i> ) control and incorporate with overhead irrigation.  ④ Control of these weeds may range from poor to excellent depending upon soil temperature, time of germination, and depth of weed seed in the soil and amount and timing of soil moisture.  ⑤ Apply at time of planting and soon after harvesting. Apply in 200-450 L/ha water.
Grapes ②						
Pome fruit	Apple	Pear	(see also non-bearing fruit)			
Stone fruit	Apricot Cherry	Peach Plum & prune	Nectarine			
Citrus fruit	Grapefruit	Orange	(see also non-bearing fruit)			
Nuts	Almonds Macadamia	Pecan Walnut				
Non-bearing berry fruits	Blackberry Blueberry Boysenberry	Currant Gooseberry Loganberry	Raspberry			
Non-bearing fruits including nursery stock of the following:	Avocado Custard Apple Feijoa Guava Kiwifruit	Lemon Litchi Mandarin Mango Nashi	Olive Passionfruit Pawpaw Persimmon Rambutan			
Nursery stock and/or seedling stage conifers including species of the following genus:	<i>Abies</i> (Fir trees) <i>Chamaecyparis</i> (Lawson & false cypress) <i>Cryptomeria cupressus</i> (Cypress) <i>Juniperus</i> (Junipers)	<i>Picea</i> (Spruces) <i>Pinus</i> (Pine) <i>Platycladus orientalis</i> (oriental arborvitae) <i>Podocarpus</i>	<i>Pseudotsuga menziesii</i> (Douglass fir or Oregon pine) <i>Sequoia sempervirens</i> (Coastal redwood) <i>Taxus cuspidata</i> (Japanese yew) <i>Thuja</i>			

Nursery stock, ornamentals, and amenity plantings comprising of the following:	<b>Australian native species of the genus:</b>			<b>Grasses:</b> Barnyard Guinea grass Love Paradoxa Pigeon Spiny burr (Gentle Annie/Innocent/Weed) Summer grass (Crabgrass <sup>②</sup> )  <b>Broadleaf Weeds:</b> Deadnettle Fat hen Fumitory <i>Portulaca</i> (Pigweed) Sowthistle Wireweed (Hogweed)  <b>Brassica species<sup>④</sup></b> Blackberry Nightshade Caltrop Paddymelon Silverleaf Nightshade	Short term control (up to 4 months) 4.5 L  Long term control (6 – 8 months) 6.8L	See <b>GENERAL INSTRUCTIONS.</b>  <sup>①</sup> DO NOT use as a pre-emergent at the time of planting with tissue culture banana planting material.  <sup>②</sup> <b>Western Australia only:</b> Vineyards on medium loam or heavier soil types, heavily infested with crabgrass may be sprayed with up to 9.5 L/ha of Genfarm Oryzalin 500 and together with pome fruit and all <i>Prunus</i> species on these soils spraying can be immediately after transplanting from nurseries providing buds are still dormant and no functional leaves are present.  <sup>③</sup> <b>Western Australia only:</b> Apply early in summer for crabgrass ( <i>Digitaria sanguinalis</i> ) control and incorporate with overhead irrigation.  <sup>④</sup> Control of these weeds may range from poor to excellent depending upon soil temperature, time of germination, and depth of weed seed in the soil and amount and timing of soil moisture.  <sup>⑤</sup> Apply at time of planting and soon after harvesting. Apply in 200-450 L/ha water.
	<i>Acacia</i> (Wattles) <i>Agonis</i> (WA peppermint) Willow (or Honey, myrtle) <i>Allocasuarina</i> <i>Banksia</i> <i>Boronia</i> <i>Callistemon</i> (Bottlebrush) <i>Callitris</i> (Cypress pine) <i>Calytrix</i>	<i>Casuarina</i> (Oaks & sheoak) <i>Chamelaucium uncinatum</i> (Geraldton wax) <i>Clematis</i> <i>Correa</i> <i>Eriostemon</i> <i>Myoporoides</i> (Wax flower) Eucalyptus	<i>Grevillea</i> <i>Hakea</i> <i>Hardenbergia</i> (Sarsaparilla) <i>Hibbertia</i> <i>Kennedia</i> <i>Lechenaultia</i> <i>Leptospermum</i> <i>Melaleuca</i> (Teatrees) <i>Prostanthera</i> (Mint bush) <i>Thryptomene</i> <i>Westringia</i> Cassia			
Tea-tree oil plantations <sup>⑤</sup>	<b>Exotic species of the genus:</b>				6.8 L	
	<i>Abelia</i> <i>Acalypha</i> <i>Acer</i> (Maples) <i>Arctostaphylos</i> <i>Ardisia</i> <i>Azalea</i> <i>Baccharis</i> (Grousel bush) <i>Bauhinia</i> <i>Berberis</i> (Barberry) <i>Betula</i> (Birch trees) <i>Bignonia</i> <i>Buxus</i> (Box) <i>Calluna</i> <i>Camellia</i> <i>Ceanothus</i> <i>Cistus</i> <i>Clyostoma</i> <i>Coleonema</i> <i>Coprosma</i> <i>Cotoneaster</i> <i>Cuphea</i> <i>Cytisus</i> (Broom) <i>Dodonea</i> (Hopbush) <i>Erica</i> (Health) <i>Escallonia</i>	<i>Euonymus</i> <i>Eutaxia</i> <i>Fatsyhedera</i> <i>Fuschia</i> <i>Felicia</i> <i>Gardenia</i> <i>Gingko</i> <i>Hibiscus</i> <i>Ilex</i> <i>Jasminum</i> <i>Justicia</i> <i>Kalmia</i> <i>Koelreuteria</i> <i>Lagenaria</i> <i>Lagerstroemia</i> <i>Lantana</i> <i>Lavendula</i> (Lavender) <i>Leucodendron</i> <i>Leucothoe</i> <i>Ligustrum</i> <i>Liquidamber</i> <i>Liriope</i> <i>Lonicera</i> (Honeysuckle) <i>Magnolia</i> <i>Mahonia</i> <i>Malus</i> <i>Metrosideros</i> <i>Monstera</i> <i>Myrtus</i> <i>Nandina</i> <i>Nerium</i> (Oleander)	<i>Osmanthus</i> <i>Parahebe</i> <i>Philadelphus</i> <i>Philodendron</i> <i>Phoenix</i> <i>Photinia</i> <i>Pieris</i> <i>Pittosporum</i> <i>Populus</i> (Popular) <i>Prunus</i> <i>Pseudopanax</i> <i>Pyracantha</i> <i>Quercus</i> <i>Raphiolepis</i> <i>Rhododendron</i> <i>Rosa</i> (Roses) <i>Rosmarinus</i> (Rosemary) <i>Russelia</i> <i>Spiraea</i> <i>Syringa</i> <i>Syzygium</i> <i>Taxus</i> <i>Trachelospermum</i> (Rhyncospermum) <i>Umbellularia</i> <i>Viburnum</i> <i>Washingtonia</i> <i>Weigela</i> <i>Xylosma</i> <i>Yucca</i>			

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

**GENERAL INSTRUCTIONS**

Genfarm Oryzalin 500 Herbicide is a pre-emergent surface herbicide, which will control the specified annual grasses and broadleaf weeds in the crops listed.

**Soil Preparation:** Areas to be treated should be free of established weeds. Remove or thoroughly mix trash (weed residue, pruning, etc) into the soil before applying the product.

**Soil Activation:** Moisture in the form of rain or sprinkler irrigation (12.5mm) is required within 21 days of application to activate the product otherwise efficacy may be reduced. If moisture is not received within the period, incorporate the product into the top 2.5cm of soil.

**MIXING**

The required amount of Genfarm Oryzalin 500 Herbicide should be added to a half-full spray tank and agitated well during completion of filling. DO NOT leave spray solutions to stand over night.

**APPLICATION**

Apply Genfarm Oryzalin 500 Herbicide in 200 to 450 litres water per hectare. Apply uniformly, especially within the dripline of trees and shrubs, so that application above label rates does not occur. Use a properly calibrated low pressure (170 to 340 kPa) herbicide sprayer. Provide good by-pass or other agitation of the spray suspension in the tank before and during application. Soil treated with this product may be shallow cultivated without loss of herbicide activity. Oryzalin 500 Herbicide is compatible with Paraquat, glyphosate, oxyfluorfen and simazine.

**RESISTANCE WEEDS WARNING**

GROUP	D	HERBICIDE
-------	---	-----------

Genfarm Oryzalin 500 Herbicide is a member of the dinitroanilines group of herbicides. The product has the inhibitors of tubulin formation mode of action. For weed resistance management, the product is a Group D Herbicide.

Some naturally occurring weed biotypes resistant to the product and other Group D herbicides 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 this product or other Group D Herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Genfarm Crop Protection Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant weeds.

Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant, local Department of Agriculture, or local Genfarm representative.

**PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS**

When applying spray, avoid contact with leaves and other parts of trees and vines. DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

**PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

**STORAGE AND DISPOSAL**

**Keep out of reach of children.**

Store in the closed, original container in a cool, dry, well-ventilated area, out of direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

**SAFETY DIRECTIONS**

Avoid contact with eyes and skin. Do not inhale spray mist.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre (Tel: 13 11 26).

**MATERIAL SAFETY DATA SHEET**

Additional information is listed in the Material Safety Data Sheet, which can be obtained from the supplier.

**CONDITIONS OF SALE**

The use of this product is beyond the control of Genfarm Crop Protection Pty Ltd. No warranty is expressed or implied regarding the suitability or efficiency for any purpose for which it is used by the buyer. Genfarm Crop Protection Pty Ltd accepts no responsibility for any consequences resulting from the use of this product. Genfarm Crop Protection Pty Ltd will not be held liable for any loss, injury or damage arising from the sale, supply or use of this product, whether through negligence or otherwise. No responsibility will be accepted for any consequences whatsoever resulting from the use of this product.

**Genfarm Crop Protection Pty Ltd**  
**Suite 3, Level 1, 64 Talavera Road,**  
**Macquarie Park,**  
**NSW, 2113**  
**Tel: (02) 9889 5400**

APVMA Approval No: 58808/0105