

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

ChemAg Sharp Shooter 500 SC

ACTIVE CONSTITUENT: 500 g/L ORYZALIN

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

**IMPORTANT: READ THIS LEAFLET THOROUGHLY
BEFORE OPENING OR USING THIS PRODUCT**

APVMA Approval No: 60041/102357

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DIRECTIONS FOR USE – IN ALL STATES

Crop Group			Weeds Controlled	Rate L/ ha	Critical Comments
Banana ¹			Grasses: Barnyard Guineagrass Love Paradoxa Pigeon Spiny burr (Gentle Annie/ Innocent Weed) Summer grass (Crabgrass ³)	Short term control (up to 4 months) 4.5 L	See GENERAL INSTRUCTIONS ¹ DO NOT use as a pre-emergent at the time of planting with tissue culture banana planting material.
Grape ²					
Pome Fruit	Apple Pear	(see also non- bearing fruits)			² Western Australia only: Vineyards on medium loam or heavier soil types, heavily infested with crabgrass may be sprayed with up to 9.5 L/ha of ChemAg Sharp Shooter 500 SC and together with pome fruit and all Prunus species on these soils spraying can be immediately after transplanting from nurseries providing buds are still dormant and no functional leaves are present.
Stonefruit	Apricot Cherry Peach	Plum & Prune Nectarine		Long term control (6 to 8 months) 6.8 L	
Citrus Fruit	Grapefruit Orange	(see also non- bearing fruits)			³ Western Australia only: Apply early in summer for crabgrass (<i>Digitaria sanguinalis</i>) control and incorporate with overhead irrigation.
Nuts	Almonds Macadamia	Pecan Walnut	Broadleaf Weeds: Deadnettle Fathen Fumitory Portulaca (Pigweed) Sowthistle Wireweed (Hogweed)		
Non-bearing berryfruits	Blackberry Blueberry Boysenberry Currant	Gooseberry Loganberry Raspberry	Brassica species⁴: Blackberry nightshade Caltrop Paddymelon Silverleaf nightshade		⁴ Control of these weeds may range from poor to excellent depending upon soil temperature, time of germination, depth of weed seed in the soil and amount and timing of soil moisture.
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			

Crop Group		Weeds Controlled	Rate L/ ha	Critical Comments
Nursery stock and/or seedling stage conifers including species of the following genus:	<i>Abies</i> (fir trees) <i>Chamaecyparis</i> (Lawson and 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> (Douglas fir or Oregon pine) <i>Sequoia sempervirens</i> (Coastal redwood) <i>Taxus cuspidate</i> (Japanese yew) <i>Thuja</i>	Grasses: Barnyard Guineagrass Love Paradoxa Pigeon Spiny burr (Gentle Annie/ Innocent Weed) Summer grass (Crabgrass ³) Broadleaf Weeds: Deadnettle Fathen Fumitory Portulaca (Pigweed) Sowthistle Wireweed (Hogweed) Brassica species⁴: Blackberry nightshade Caltrop Paddymelon Silverleaf nightshade	Short term control (up to 4 months) 4.5 L Long term control (6 to 8 months) 6.8 L	See GENERAL INSTRUCTIONS ¹ DO NOT use as a pre-emergent at the time of planting with tissue culture banana planting material. ² Western Australia only: Vineyards on medium loam or heavier soil types, heavily infested with crabgrass may be sprayed with up to 9.5 L/ha of ChemAg Sharp Shooter 500 SC and together with pome fruit and all Prunus species on these soils spraying can be immediately after transplanting from nurseries providing buds are still dormant and no functional leaves are present. ³ Western Australia only: 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, depth of weed seed in the soil and amount and timing of soil moisture.

Crop Group	Weeds Controlled	Rate L/ ha	Critical Comments
Nursery stock, ornamentals and amenity plantings comprising of the following:	<p>Australian native species of the genus: <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>Cassia</i> <i>Casuarina</i> (Oaks and sheoak) <i>Chamaelaucium uncinatum</i> (Geraldton wax) <i>Clematis</i> <i>Correa</i> <i>Eriostemon myoporoides</i> (Wax flower) <i>Eucalyptus</i> <i>Grevillea</i> <i>Hakea</i> <i>Hardenbergia</i> (sarsaparilla) <i>Hibberlia</i> <i>Kennedia</i> <i>Lechenaultia</i> <i>Leptospermum</i> and <i>Melaleuca</i> (teatrees) <i>Prostanthera</i> (Mintbush) <i>Thryptomene</i> <i>Westringia</i></p> <p>Grasses: Barnyard Guineagrass Love Paradoxa Pigeon Spiny burr (Gentle Annie/ Innocent Weed) Summer grass (Crabgrass³)</p> <p>Broadleaf Weeds: Deadnettle Fathen Fumitory Portulaca (Pigweed) Sowthistle Wireweed (Hogweed)</p> <p>Brassica species⁴: Blackberry nightshade Caltrop Paddymelon Silverleaf nightshade</p>	<p>Short term control (up to 4 months) 4.5 L</p> <p>Long term control (6 to 8 months) 6.8 L</p>	<p>See GENERAL INSTRUCTIONS ¹ DO NOT use as a pre-emergent at the time of planting with tissue culture banana planting material.</p> <p>² Western Australia only: Vineyards on medium loam or heavier soil types, heavily infested with crabgrass may be sprayed with up to 9.5 L/ha of ChemAg Sharp Shooter 500 SC and together with pome fruit and all Prunus species on these soils spraying can be immediately after transplanting from nurseries providing buds are still dormant and no functional leaves are present.</p> <p>³ Western Australia only: Apply early in summer for crabgrass (<i>Digitaria sanguinalis</i>) control and incorporate with overhead irrigation.</p> <p>⁴ Control of these weeds may range from poor to excellent depending upon soil temperature, time of germination, depth of weed seed in the soil and amount and timing of soil moisture.</p>

Crop Group		Weeds Controlled	Rate L/ha	Critical Comments	
Nursery stock, ornamentals and amenity plantings comprising of the following:	Exotic species of the genus:		Grasses: Barnyard Guineagrass Love Paradoxa Pigeon Spiny burr (Gentle Annie/ Innocent Weed) Summer grass (Crabgrass ³)	Short term control (up to 4 months) 4.5 L	See GENERAL INSTRUCTIONS ¹ DO NOT use as a pre-emergent at the time of planting with tissue culture banana planting material.
	<i>Abelia</i>	<i>Fuschia</i>			
	<i>Acalypha</i>	<i>Felicia</i>			
	<i>Acer</i> (maples)	<i>Gardenia</i>			
	<i>Arctostaphylos</i>	<i>Gingko</i>			
	<i>Ardisia</i>	<i>Hibiscus</i>			
	<i>Azalea</i>	<i>Ilex</i>			
	<i>Baccharis</i> (groundsel bush)	<i>Jasminum</i>			
	<i>Bauhinia</i>	<i>Justicia</i>			
	<i>Berberis</i> (barberry)	<i>Kalmia</i>			
	<i>Belula</i> (birch tree)	<i>Koelreuteria</i>			
	<i>Bignonia</i>	<i>Lagenaria</i>			
	<i>Buxus</i> (box)	<i>Lagerstroemia</i>	Broadleaf Weeds: Deadnettle Fathen Fumitory Portulaca (Pigweed) Sowthistle Wireweed (Hogweed)	Long term control (6 to 8 months) 6.8 L	² Western Australia only: Vineyards on medium loam or heavier soil types, heavily infested with crabgrass may be sprayed with up to 9.5 L/ha of ChemAg Sharp Shooter 500 SC and together with pome fruit and all Prunus species on these soils spraying can be immediately after transplanting from nurseries providing buds are still dormant and no functional leaves are present.
	<i>Calluna</i>	<i>Lantana</i>			
	<i>Ceanothus, Cistus</i>	<i>Lavendula</i> (lavender)			
	<i>Clyostoma</i>	<i>Leucodendron</i>			
	<i>Coleonema</i>	<i>Leucothoe</i>			
	<i>Coprosma</i>	<i>Ligustrum</i>			
	<i>Cotoneaster</i>	<i>Liquidambar</i>			
	<i>Cuphea</i>	<i>Liriope</i>			
	<i>Cytisus</i> (broom)	<i>Lonicera</i> (honeysuckle)			
	<i>Dodonea</i> (hopbush)	<i>Magnolia</i>			
	<i>Erica</i> (heath)	<i>Mahonia</i>			
	<i>Escallonia</i>	<i>Metrosideros</i>			
	<i>Euonymus</i>	<i>Monstera</i>	Brassica species⁴: Blackberry nightshade Caltrop Paddymelon Silverleaf nightshade	³ Western Australia only: Apply early in summer for crabgrass (<i>Digiteria sanguinalis</i>) control and incorporate with overhead irrigation.	
	<i>Eutaxia</i>	<i>Myrtus</i>			
	<i>Fatshedera</i>	<i>Nand in a</i>			
	<i>Nerium</i> (Oleander)				
		⁴ Control of these weeds may range from poor to excellent depending upon soil temperature, time of germination, depth of weed seed in the soil and amount and timing of soil moisture.			

Crop Group		Weeds Controlled	Rate L/ ha	Critical Comments
Nursery stock, ornamentals and amenity plantings comprising of the following:	Exotic species of the genus (cont): <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 (poplar)</i> <i>Prunus</i> <i>Pseudopanax</i> <i>Pyracantha</i> <i>Quercus</i> <i>Rhaphiolepis</i> <i>Rhododendrom</i> , <i>Rosa (roses)</i> <i>Rosmarinus (rosemary)</i> <i>Russelia</i> , <i>Spiraea</i> <i>Trachelospermum (Rhyncospermum)</i> <i>Umbellularia</i> <i>Viburnum</i>	Grasses: Barnyard Guineagrass Love Paradoxa Pigeon Spiny burr (Gentle Annie/ Innocent Weed) Summer grass (Crabgrass ³) Broadleaf Weeds: Deadnettle Fathen Fumitory Portulaca (Pigweed) Sowthistle Wireweed (Hogweed) Brassica species⁴: Blackberry nightshade Caltrop Paddymelon Silverleaf nightshade	Short term control (up to 4 months) 4.5 L Long term control (6 to 8 months) 6.8 L 6.8 L	See GENERAL INSTRUCTIONS ¹ DO NOT use as a pre-emergent at the time of planting with tissue culture banana planting material. ² Western Australia only: Vineyards on medium loam or heavier soil types, heavily infested with crabgrass may be sprayed with up to 9.5 L/ha of ChemAg Sharp Shooter 500 SC 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 Western Australia only: 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, depth of weed seed in the soil and amount and timing of soil moisture.
	Tea-tree oil plantations ⁵	Tea-tree (<i>Melaleuca altermifolia</i>)		

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

GENERAL INSTRUCTIONS

ChemAg Sharp Shooter 500 SC is a pre-emergent surface applied 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, prunings etc) into the soil before applying ChemAg Sharp Shooter 500 SC.

Soil Activation: Moisture in the form of rain or sprinkler irrigation (12.5 mm) 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 ChemAg Sharp Shooter 500 SC into the top 2.5 cm of soil.

MIXING

The required amount of ChemAg Sharp Shooter 500 SC 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 ChemAg Sharp Shooter 500 SC in 200 to 450 litres water per hectare. Apply uniformly, especially within the dripline of trees and shrubs so that application above label rate 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 ChemAg Sharp Shooter 500 SC may be shallow cultivated without loss of herbicidal activity. ChemAg Sharp Shooter 500 SC is compatible with Paraquat, Glyphosate, Oxyfluorfen and Simazine.

RESISTANT WEEDS WARNING

GROUP	D	HERBICIDE
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ChemAg Sharp Shooter 500 SC is a member of the dimitroanilines group of Herbicides. ChemAg Sharp Shooter 500 SC has the inhibitor of tubulin formation mode of action. For weed resistance management, ChemAg Sharp Shooter 500 SC is a Group **D** Herbicide. Some naturally occurring weed biotypes resistant to ChemAg Sharp Shooter 500 SC 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 ChemAg Sharp Shooter 500 SC or other Group **D** Herbicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant weeds is difficult to detect prior to use, Imtrade Australia Pty Ltd accepts no liability for any losses that may result from the failure of ChemAg Sharp Shooter 500 SC 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 Imtrade Australia Pty Ltd 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 result in chemical movement by spray drift or storm run-off onto nearby susceptible plants/crops, cropping lands or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEAN AND ENVIRONMENT

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

STORAGE AND DISPOSAL

Keep out of reach of children. Store in the closed, original container in a cool, well-ventilated area. **DO NOT** store for prolonged periods in 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. Phone Australia 13 11 26.

Additional GHS Hazard & Precautionary Statements

- **DO NOT** get on clothing;
- Use personal protective equipment as required;
- Rinse skin or shower with water;
- **IF SWALLOWED:** Rinse mouth. Do **NOT** induce vomiting;
- If eye irritation persists: Get medical advice;
- Not combustible. Use extinguishing media suited to burning materials;
- Store in a dry place.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet which can be obtained from your supplier or from Imtrade Australia Pty Ltd website at www.imtrade.com.au.

CONDITIONS OF SALE

Imtrade Australia Pty Ltd warrants that this product conforms to the chemical description on the label. The use of ChemAg Sharp Shooter 500 SC being beyond the control of the manufacturer, Imtrade Australia Pty Ltd shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Imtrade's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Imtrade Australia Pty Ltd has any authority to add to or alter these conditions.

**IN A TRANSPORT EMERGENCY
DIAL 000
POLICE OR FIRE BRIGADE**

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