

**POISON**

**KEEP OUT OF REACH OF CHILDREN  
READ SAFETY INSTRUCTIONS BEFORE OPENING OR USING**

**CHOICE  
DI MET 400  
INSECTICIDE**

**ACTIVE CONSTITUENT: 400 g/L DIMETHOATE  
(an anti-cholinesterase compound)**

**GROUP 1B HERBICIDE**

**Controls a wide range of insect pests on grapes,  
pastures, cotton, lucerne, peanuts, peas and  
ornamentals as listed in the Directions for Use table.**

**IMPORTANT: READ THIS LEAFLET BEFORE USE**

**APVMA Approval No: 90037/127159**



**GROW CHOICE PTY LTD**

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## DIRECTIONS FOR USE

**Restrictions:** DO NOT apply to any non-food tree crop or plantation (including Eucalyptus spp.) by air.

DO NOT apply by misting or fogging equipment.

DO NOT apply by air blast spray equipment unless operators are protected by engineering controls such as enclosed cabs fitted with appropriate air filters.

DO NOT use open mixing/loading systems for aerial application.

## DIRECTIONS FOR USE

Crop	Pest	State	Rate	WHP (days)	Critical Comments
Cereals	Lucerne Flea	NSW, ACT, Vic, Tas, SA, WA only	55-85 mL/ha	4 weeks (Harvest) 14 days (Grazing)	Apply 3-5 weeks after the commencement of Autumn rains or when outbreak occurs. Use the higher rate in cold weather. DO NOT spray on bare ground. Allow the crop to emerge before application. Apply from Boom Spray in 50-100 L water/ha or Aircraft in 20-40 L of water per hectare.
		Vic, Tas, SA, WA only	55-85 mL/ha		
	Redlegged Earth Mite	NSW, ACT only	85 mL/ha		
	Wingless Grasshopper	All States	75 mL/100 L water or 750 mL/ha		Apply when grasshoppers appear and re-apply as required. In addition to the infested area spray a band of about 20 metres around areas to be protected.

Crop	Pest	State	Rate	WHP (days)	Critical Comments
Cereals	Brown Wheat Mite	Qld, WA only	90 mL/ha	4 weeks (Harvest) 14 days (Grazing)	Apply when pests appear.
	Blue Oat Mite	Qld, NSW, ACT, WA only	90 mL/ha		
	Leafhoppers, Cereal Aphids	Qld, WA only	500 mL/ha		
Cotton	Lucerne Flea	NSW, ACT, Vic, SA, Tas only	55-85 mL/ha	14 days (harvest)	<p>Apply when pests threaten damage to crop.</p> <p>DO NOT feed cotton fodder, stubble or trash to livestock.</p> <p>Apply 3-4 weeks after the commencement of autumn rains or when outbreak occurs. Use the higher rate in cold weather. Do not spray on bare ground. Allow the crop to emerge before application.</p> <p>Boom spray - apply in 50-100 litres water/ha.</p> <p>Aircraft - apply in 20-40 litres/ha</p>

Crop	Pest	State	Rate	WHP (days) (harvest)	Critical Comments
Cotton	Lucerne Flea	WA only	40-55 mL/ha	14 days (harvest)	DO NOT feed cotton fodder, stubble or trash to livestock. Apply 3-4 weeks after the commencement of autumn rains or when outbreak occurs. Use the higher rate in cold weather. Do not spray on bare ground. Allow the crop to emerge before application. Boom spray - apply in 50-100 litres water/ha. Aircraft - apply in 20-40 litres/ha
	Red legged earth mite	Vic, Tas, SA only	55 – 85 mL/ha		
		WA only	40-55 mL/ha		
		NSW, ACT only	85 mL/ha		
	Aphids, Spider Mites (including Red Spider Mite, Two Spotted Mite)	Qld, NSW, ACT, WA only	500 mL/ha	14 (Harvest)	DO NOT feed cotton fodder, stubble or trash to livestock. Apply when pests appear and repeat as required. Use higher rate for heavy infestation. Use the higher rate for heavy infestations. Some strains of Spider Mites are resistant to organophosphorus compounds. DO NOT use this product when resistant strains are present.
	Thrips		300-375 mL/ha		
	Wingless Grasshopper	All States	750 mL/ha or 75 mL/100 L		
	Leafhopper (Jassids), Green Vegetable Bug		350 mL/ha		

<b>Crop</b>	<b>Pest</b>	<b>State</b>	<b>Rate</b>	<b>WHP (days)</b>	<b>Critical Comments</b>
Cotton	Bugs including Green Mirids, Brokenbacked Bug, Apple Dimpling Bug, Brown Smudge Bug, Rutherglen Bug	Qld, NSW, ACT, WA only	340-500 mL/ha	14 days (harvest)	DO NOT feed cotton fodder, stubble or trash to livestock. Apply when pests appear and repeat as required. Use higher rate for heavy infestation. Use the higher rate for heavy infestations. Some strains of Spider Mites are resistant to organophosphorus compounds. DO NOT use this product when resistant strains are present.
	Spider Mites, Thrips, Jassids, Green Vegetable Bug, Aphids, Bean Fly	Qld, Vic, Tas, SA, WA only	75 mL/100 L or 800 mL/ha	14 (Harvest) 14 (Grazing)	Apply when insects appear and repeat as necessary. DO NOT re-apply within 14 days. Spray when flowering spikes carrying 20-50 aphids are easy to find and when there is evidence of viral disease. Some strains of Spider Mite are resistant to organophosphorus compounds.
Grain Legumes Adzuki Bean, Cowpea, Mung Bean, Navy Bean, Pigeon Pea	Redlegged Earth Mite	Vic, Tas, SA, WA only	75 mL/100 L		
	Lucerne Flea	WA only	85 mL/100 L		Apply at emergence. DO NOT re-apply within 14 days.

Crop	Pest	State	Rate	WHP (days)	Critical Comments
Lucerne	Lucerne Flea	NSW, ACT, Vic, Tas, SA, WA only	55-85 mL/ha	-	Apply 3-5 weeks after the commencement of Autumn rains or when outbreak occurs. Use the higher rate in cold weather or on mature pastures. DO NOT spray on bare ground. Allow the lucerne to emerge before application. Do not apply more than 7 days after crop emergence. Boom spray apply in 50-100 L of water/ha. Aircraft apply in 20-40 L/ha.
		Vic, Tas, SA, WA only	55-85 mL/ha	-	
	Redlegged Earth Mite	NSW, ACT only	85 mL/ha	-	
Maize	Maize Leafhoppers, Thrips	Qld, WA only	500 mL/ha	4 weeks (Harvest) 14 (Grazing)	Apply 2 sprays 5-7 days apart.
Oil Seeds	Lucerne Flea	NSW, ACT, Vic, Tas, SA only	55-85 mL/ha	-	Apply 3-4 weeks after Autumn opening rains or when pest outbreak occurs. Use the higher rate in cold weather. DO NOT spray on bare ground. Allow the crop to emerge before application. DO NOT apply more than 7 days after emergence. Boom spray apply in 50-100 L of water/ha. Aircraft apply in 20-40 L/ha.

Crop	Pest	State	Rate	WHP (days)	Critical Comments
Oil Seeds	Lucerne Flea	WA only	40-55 mL/ha	-	Apply 3-4 weeks after Autumn opening rains or when pest outbreak occurs. Use the higher rate in cold weather. DO NOT spray on bare ground. Allow the crop to emerge before application. DO NOT apply more than 7 days after emergence. Boom spray apply in 50-100 L of water/ha. Aircraft apply in 20-40 L/ha.
	Redlegged Earth Mite	Vic, Tas, SA only	55-85 mL/ha		
Ornamentals (not Chrysanthemum, Begonias, Liquid Amber or Gloxinias)	Aphids, Thrips, Jassids, Spider Mites, Leafhoppers, Azalea Lace Bug, Green Vegetable Bug, Rutherglen Bug, Leaf Miners, Greenhouse White Fly	WA only	40-55 mL/ha	-	Apply when pests appear and repeat as necessary. Some strains of Spider Mites are resistant to organophosphorus compounds.
		NSW, ACT only	85 mL/ha		
		All States	75 mL/100 L of water		

Crop	Pest	State	Rate	WHP (days)	Critical Comments
Ornamentals (not Chrysanthemum, Begonias, Liquid Amber or Gloxinias)	Bronze Orange Bug	Qld, NSW, ACT, Vic, SA, WA only	75 mL/100 L of water	-	Apply when pests appear and repeat as necessary. Some strains of Spider Mites are resistant to organophosphorus compounds.
	Wingless Grasshopper	All States			Apply when grasshoppers appear and re-apply as required. In addition to the infested area spray a band of about 20 metres around areas to be protected.
	Woolly Aphid	Vic, Tas, SA, WA, NT only			Apply when pests appear and repeat as necessary.
Wild Flowers, Protea	Aphids, Thrips, Leafhoppers, Rutherglen Bug	WA only			Apply when pests appear. Dimethoate will not control OP resistant pests.



Crop	Pest	State	Rate	WHP (days)	Critical Comments
Pastures, Pasture Seed & Forage Crops other than cereals and grain legumes including Clover, Medics, Lucerne, Legumes (for animal feed)	Lucerne Flea, Redlegged Earth Mite	NSW, ACT, Vic, Tas, SA, WA only	55-85 mL/ha	-	Apply 3-5 weeks after the commencement of Autumn rains or when outbreak occurs. Use the higher rate in NSW and in cold weather and/or for heavy infestations in other states. DO NOT spray on bare ground. Allow the crop to emerge before application. Apply from either Boom Spray apply 50-100 L of water/ha or Aircraft and misting machines 20-40 L of water per ha. DO not apply more than 7 days after crop emergence.
Peanuts	Aphids, Jassids, Thrips, Green Vegetable Bug, Peanut Mite	Qld, NSW, ACT, WA only	350 mL/ha	14 (Harvest) 14 (Grazing)	Apply when pests appear.

Crop	Pest	State	Rate	WHP (days)	Critical Comments
Peanuts	Wingless Grasshopper	All States	75 mL/100 litres of water or 750 mL/ha	14 (Harvest) 14 (Grazing)	Apply when grasshoppers appear and re-apply as required. In addition to the infested area spray a band of about 20 metres around areas to be protected.
			55-85 mL/ha		Apply 3-4 weeks after the commencement of autumn rains or when pest outbreak occurs. Use the higher rate in cold weather. Do not spray on bare ground. Allow the crop to emerge before application. Boom spray - apply in 50-100 litres/ha of water. Aircraft - apply in 20-40 litres/ha
	Redlegged Earthmite	WA only	40- 55 mL/ha		
		Vic, Tas, SA only	55-85 mL/ha		
Sorghum	Aphids	WA only	40- 55 mL/ha		
		NSW, ACT only	85 mL/ha		
		Qld, WA only	500 mL/ha	4 weeks (Harvest) 14 (Grazing)	Apply as required.

Crop	Pest	State	Rate	WHP (days)	Critical Comments
Trees: Eucalypts, Kurrajongs, Flame Trees, Umbrella Trees	Jarrah Leaf Miner, Psyllids, Kurrajong Leaf Miner, Leaf Blister, Sawfly, Lerp insects, Scale insects, Spittle Bugs, Mites	WA only	25 mL/8 L of water	-	Apply in early June for control of Jarrah Leaf Miner and in early Spring for Psyllids. DO NOT apply by handheld knapsack, backpack or motorized handheld equipment. Apply in late January as above for Kurrajong Leaf Miner.

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

## **WITHHOLDING PERIODS:**

**CEREALS, MAIZE, SORGHUM: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION.**

**DO NOT GRAZE OR CUT FOR STOCKFOOD FOR 14 DAYS AFTER APPLICATION.**

**COTTON: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.**

**DO NOT FEED COTTON FODDER, STUBBLE OR TRASH TO LIVESTOCK.**

**OILSEEDS (OTHER THAN COTTON AND PEANUTS), PASTURES, PASTURE SEED CROPS, FORAGE CROPS, LUCERNE: NOT REQUIRED WHEN USED AS DIRECTED (DO NOT USE MORE THAN 7 DAYS AFTER CROP EMERGENCE)**

**PEANUTS, PULSES (GRAIN LEGUMES): DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION**

**DO NOT GRAZE OR CUT FOR STOCKFOOD FOR 14 DAYS AFTER APPLICATION**

**DO NOT USE THIS PRODUCT IN THE HOME GARDEN**

## **GENERAL INSTRUCTIONS**

### **Directions for Mixing:**

The product can be poured directly into the water in the vat with agitators in operation. If combining with another product, mix each product separately in a small quantity of water first before adding to the spray tank.

## **GROUP 1B HERBICIDE**

For insecticide resistance management Choice Di Met 400 Insecticide is a Group 1B insecticide. Some naturally occurring insect biotypes resistant to Choice Di Met 400 Insecticide and other Group 1B insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Choice Di Met 400 Insecticide or other Group 1B insecticides are used repeatedly. The effectiveness of Choice Di Met 400 Insecticide on resistant individuals could be significantly reduced.

Since occurrence of resistant individual is difficult to detect prior to use, Grow Choice Pty Ltd accepts no liability for any losses that may result from the failure of

Choice Di Met 400 Insecticide to control resistant insects.

Choice Di Met 400 Insecticide may be subject to specific resistant management strategies. For further information contact your local supplier, Grow Choice or local agricultural department agronomist.

## **PROTECTION OF LIVESTOCK**

Dangerous to bees. DO NOT spray any plants in flower while bees are foraging.

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

DO NOT contaminate, streams, rivers or watercourses with the chemical or used containers. Dangerous to fish.

## **STORAGE AND DISPOSAL**

Store in the closed, original container, in a cool, well-ventilated area out of direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. Protect from direct sunlight and temperatures above 40°C. If storing for periods of more than 2-3 months avoid temperatures above 30°C.

**For Non-Refillable Containers:** Triple-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 deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the 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.

**For Refillable Containers:** Storage must be secure so that contents cannot be tampered with. All locks and/or seals must be in order. If locks or seals are broken prior to initial use then the integrity of this product cannot be assured. If this occurs Grow Choice Pty Ltd should be advised immediately. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

## **SAFETY DIRECTIONS**

Product is poisonous if absorbed by skin contact, inhaled or swallowed. Repeated minor exposure may have a cumulative poisoning effect. Avoid contact with eyes and skin. DO NOT inhale spray mist. When opening the container and preparing spray wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length PVC gloves, face shield and impervious footwear. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length PVC gloves, impervious footwear and half-face respirator with combined dust and gas cartridge. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield and respirator and if rubber wash with detergent and warm water and contaminated clothing.

## **FIRST AID**

If swallowed, splashed on skin or in eyes, or inhaled, contact Poisons Information Centre. Phone Australia 13 11 26; New Zealand 0800 764 766 or a doctor at once. Remove any contaminated clothing and wash skin thoroughly. If swallowed, activated charcoal may be advised. Give atropine if instructed.

## **SAFETY DATA SHEET**

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

## **NOTICE TO BUYER**

Grow Choice Pty Ltd will not be held liable for any loss, injury or damage, indirect or consequential, arising from the sale, supply, use or application of this product. The product is not to be used for any purpose or in any way contrary to label instructions.





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