

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

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.

All other non-refillable containers

Triple rinse containers before disposal. Add rinsings to spray tank. **DO NOT** dispose of undiluted chemical 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 for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm 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 and product should not be burnt. **DO NOT** re-use empty container for any other purpose.

Envirodrum - Micro Matic Valve (110L)

Store the original sealed Envirodrum in a cool, well ventilated area. **DO NOT** store for prolonged periods in direct sunlight. **DO NOT** tamper with the Micro Matic valve or the security seal. **DO NOT** contaminate the Envirodrum with water or any other foreign matter. After each use of the product please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the Envirodrum have been used, please return the empty Envirodrum to the point of purchase.

SAFETY DIRECTIONS

Avoid contact with eyes and skin. Wash hands after use.

IMTRADE

DIFEN OPTIONS

SELECTIVE HERBICIDE

ACTIVE CONSTITUENT: 500g/L DIFLUFENICAN

GROUP 12 HERBICIDE

For the control of certain weeds in Clover-based Pasture, Field Peas, Green Peas (including Snow Peas and Sugar Snap Peas), Lentils, Lupins, Oilseed Poppy, Agricultural non-crop areas, Commercial and Industrial Areas, Pastures and Rights-of-Way and Pyrethrum (Tanacetum cinerariifolium) crops as specified in the Directions for Use table

IMPORTANT: Read the attached Leaflet before use.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 13 11 26; New Zealand 0800 764 766).

Refer to attached Leaflet for additional GHS Hazard & Precautionary Statements.

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 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

APVMA Approval No: 55216/125469

GROUP
12

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CONTENTS
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Batch No.
DOM:

IMTRADE
CropScience

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DIFEN OPTIONS SELECTIVE HERBICIDE

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GROUP	12	HERBICIDE
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**IMPORTANT: READ THIS LEAFLET THOROUGHLY
BEFORE OPENING OR USING THIS PRODUCT**

APVMA APPROVAL No: 55216/125469

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RESTRAINTS:

DO NOT apply if crop or weeds are stressed due to dry or excessively moist conditions.

DO NOT apply to crops under stress due to pre-emergence herbicide, root disease, insect damage, nutrient deficiency, excessively moist or dry conditions or extremes of pH.

DO NOT apply to frost affected crops or if frosts are imminent.

DO NOT apply if heavy rain is expected within 4 hours.

DIRECTIONS FOR USE

CROP	WEEDS CONTROLLED	STATE	WEED STAGE	RATE	CRITICAL COMMENTS	
Clover – based Pasture, Field Peas, Green Peas (including Snow Peas and Sugar Snap Peas), Lentils and Lupins	Wild Radish (<i>Raphanus raphanistrum</i>)	WA only	Up to 2 leaf stage and not more than 60mm in diameter	100 mL/ha	<p>CROP STAGE Sow crop evenly to a depth of 20 to 50mm.</p> <p>CLOVER BASED PASTURE: Apply post-emergence, not before the 3rd trifoliate leaf stage. Warning: Some species and varieties of clover may be more sensitive than others. Refer to legume tolerance table in the general instructions. DO NOT apply to medics or yellow serradella.</p> <p>FIELD PEAS: Apply post-emergence after the third node stage and before the start of flowering. Warning: Field peas grown on high pH soils in the presence of free lime may be less tolerant to Difen Options Selective Herbicide.</p> <p>GREEN PEAS: Post-emergence of crop: Apply early post-emergence after the third node stage of the crop and before the start of flowering. Post-sowing/pre-emergence of crop: Apply only to a seedbed with fine tilth and no clods. (DO NOT incorporate into the soil). Warning: Green peas grown on high pH soils in the presence of lime may be less tolerant to Difen Options Selective Herbicide.</p> <p style="text-align: right;"><i>Continued on next page...</i></p>	
			Up to 4 leaf stage and not more than 120mm in diameter	150 mL/ha		
			Up to 6 leaf stage and not more than 180mm in diameter	200 mL/ha		
		NSW, ACT, Vic, Tas, SA only	Up to 4 leaf stage and not more than 120mm in diameter			
	Hedge Mustard (<i>Sisymbrium officinale</i>), Indian Hedge Mustard (<i>Sisymbrium orientale</i>), Wild Turnip (<i>Brassica tournefortii</i>)	WA only	NSW, Vic, Tas, ACT only	Up to 2 leaf stage and not more than 60mm in diameter		100 mL/ha
				Up to 4 leaf stage and not more than 120mm in diameter		150 mL/ha
Up to 6 leaf stage and not more than 180mm in diameter				200 mL/ha		

CROP	WEEDS CONTROLLED	STATE	WEED STAGE	RATE	CRITICAL COMMENTS
Clover – based Pasture, Field Peas, Green Peas (including Snow Peas and Sugar Snap Peas), Lentils and Lupins (cont'd)	Turnip Weed (<i>Rapistrum rugosum</i>)	NSW, Vic, Tas, SA, WA, ACT only	Up to 4 leaf stage and not more than 120mm in diameter	200 mL/haContinued from previous page LENTILS: Apply post-emergence after the third node stage of the crop. Warning: Some lentil varieties may be more sensitive than others. DO NOT apply to Northfield variety, avoid spray overlap.
	Charlock (Wild Mustard, (<i>Sinapis arvensis</i>), Deadnettle (<i>Lamium amplexicaule</i>)	NSW, Vic, Tas, SA, ACT only			LUPINS: Post-emergence of Crop: Apply post-emergence from the 2 leaf to the 6 leaf stage of crop (40 to 100mm high). Post-sowing, Pre-emergence of Crop (Not WA): Apply in a tank mix with the recommended rate of post-sowing emergence treatment of simazine. (Difen Options Selective Herbicide should not be incorporated).
	Prickly Lettuce (<i>Lactuca serriola</i>)		Up to 2 leaf stage and not more than 60mm in diameter		
	Pheasants Eye (<i>Adonis macrocarpa</i>)	SA only			
Field Peas and Green Peas (including Snow Peas and Sugar Snap Peas)	Prickly Lettuce (<i>Lactuca serriola</i>)	NSW, Vic, Tas, SA, ACT only	4 leaf	125 mL/ha plus 125 mL/ha MCPA amine (500g/L)	APPLICATION AND WEED CONTROL: Apply when weeds are actively growing. For optimum results apply 4 to 6 weeks post-sowing. Application beyond 8 weeks post-sowing may result in reduced levels of weed control. In most situations the rate specified for each weed size will give satisfactory control. Under certain conditions such as: <ul style="list-style-type: none"> • High crop and weed density. • Late season germination's. • Abnormal weed growth (including early flowering): higher rates of product (up to the maximum rate of application specified for that weed) may be required.
			6 leaf	150 mL/ha plus 150 mL/ha MCPA amine (500g/L)	

Continued on next page...

CROP	WEEDS CONTROLLED	STATE	WEED STAGE	RATE	CRITICAL COMMENTS
Field Peas and Green Peas (including Snow Peas and Sugar Snap Peas) (cont'd)	Charlock (Wild Mustard, <i>Sinapis arvensis</i>)	NSW, Vic, Tas, SA, ACT only	4 leaf	125 mL/ha plus 125 mL/ha MCPA amine (500g/L)Continued from previous page Difen Options Selective Herbicide will not effectively control: <ul style="list-style-type: none"> • Regrowth of suppressed weeds. • Transplanted weeds. • Regrowth from rhizomes or roots. • Weeds growing under stress from previous herbicide applications.
			6-8 leaf	150 mL/ha plus 150 mL/ha MCPA amine (500g/L)	
Suppression of the Following Weeds					
Clover – based Pasture, Field Peas, Green Peas (including Snow Peas and Sugar Snap Peas), Lentils and Lupins	Capeweed (<i>Arctotheca calendula</i>), Crassula (<i>Crassula</i> spp.), Corn Gromwell (<i>Buglossoides arvensis</i>), Marshmallow (<i>Malva parviflora</i>), Shepherd's Purse (<i>Capsella bursa-pastoris</i>)	NSW, Vic, Tas, SA, WA ACT only	Up to 4 leaf stage not more than 120mm in diameter	200 mL/ha	The level of effective residual control may be reduced where: <ul style="list-style-type: none"> • Rates lower than 200 mL/ha are used. • Dry conditions prevail. • Poor coverage of the soil surface is achieved. • Crop is planted in non-wetting sand. • Soils have a high content of clay or organic matter.
	Chickweed (<i>Stellaria media</i>), Hyssop Loosestrife (<i>Lythrum hyssopifolia</i>), Mouse-eared Chickweed (<i>Cerastium glomeratum</i>), Night-scented Stock (<i>Matthiola longipetala</i>), Skeleton Weed (<i>Chondrilla juncea</i>), Speedwell (<i>Veronica hederifolia</i>)				

CROP	WEEDS CONTROLLED	STATE	WEED STAGE	RATE	CRITICAL COMMENTS
Clover – based Pasture, Field Peas, Green Peas (including Snow Peas and Sugar Snap Peas), Lentils and Lupins (cont'd)	Suppression of the Following Weeds				
	Amsinckia (<i>Amsinckia</i> spp), Wireweed (<i>Polygonum aviculare</i>)	NSW, ACT, Vic, Tas, SA only	Up to leaf stage not more than 60mm in diameter	200 mL/ha	... See previous pages
	Paterson's Curse (Salvation Jane) (<i>Echium plantagineum</i>), Rough Poppy (<i>Papaver hybridum</i>)	NSW, Vic, SA, ACT only			
	Sorrel (<i>Rumex acetosella</i>), Toad Rush (<i>Juncus bufonius</i>)	NSW, Vic, Tas, SA ACT only			
	Stinging Nettle (<i>Urtica urens</i>)	NSW, ACT only	Cotyledon stage		
Oilseed Poppy	Charlock (<i>Sinapis arvensis</i>), Hedge Mustard (<i>Sisymbrium officinale</i>), Indian Hedge Mustard (<i>Sisymbrium orientale</i>), Wild Radish (<i>Raphanus raphanistrum</i>), Wild Turnip (<i>Brassica tournefortii</i>)	Tas only	Early Post-emergence up to the 4 leaf stage and not more than 120mm in diameter	150mL/ha (4-6 leaf crop stage) and/or 200mL/ha (6-10 leaf crop stage)	CROP STAGE Difen Options Selective Herbicide may be mixed with ChemAg Diquat based on recommendations from poppy contracting companies. DO NOT use in mixtures with Tramat*. APPLICATION AND WEED CONTROL See comments on clover based pasture, field peas, lentils and lupins.

Situation	Weeds	Application rate	Critical Comments
Agricultural non-crop areas, Commercial and Industrial Areas, Pastures and Rights-of-Way	Toxic <i>Pimelea</i> species (Desert Riceflowers, Flaxweed)	250 mL/ha plus wetter Or 17 mL per 100L water plus wetter	To be applied when plant is green. Apply by boomspray in a volume of 1000L/ha. For spot spraying thoroughly wet all foliage to the point of run-off (approx. 1500L/ha spray volume). DO NOT apply more than 2 applications per year with a minimum re-treatment interval of 21 days between consecutive applications. Avoid applying consecutive sprays of this herbicide. Repeated use of herbicides with the same mode of action can lead to development of resistance. The applications could be used in creating and maintaining hospital areas for livestock suffering from <i>Pimelea</i> poisoning. Warning: <i>Pimelea</i> may become more attractive to stock after treatment. Stock should be excluded from treated areas until sprayed <i>Pimelea</i> plants are leafless, seedless and obviously dead.
Pyrethrum (<i>Tanacetum cinerariifolium</i>) crops	Hawkbit, Dandelion, Cats Ear, Wild Turnip (<i>Brassica tournefortii</i>), Wild Radish (<i>Raphanus raphanistrum</i>), Shepherd's Purse (<i>Capsella bursa-pastoris</i>)	100 – 300 mL/ha	DO NOT apply more than 100 mL/ha pre-emergent. Apply post-emergent after 2-true leaf stage

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

WITHHOLDING PERIOD:

AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, GRASS PASTURES AND RIGHTS-OF-WAY: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION.

PYRETHRUM: DO NOT HARVEST FOR 20 WEEKS AFTER APPLICATION.

ALL OTHER CROPS:

HARVEST AND GRAZING: NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS

For use as an early post-emergence spray in clover-based Pasture, Field Peas, Green Peas, Lentils and Lupins. Difen Options Selective Herbicide may also be used as a post sowing pre-emergence on Lupins and Green Peas in New South Wales, Australian Capital Territory, Victoria, South Australia and Tasmania.

This product provides both contact and residual activity. Residual activity can be expected for up to 8 weeks after application under favourable growing conditions.

This product is taken up by the shoots of germinating seeds and seedlings. Susceptible weeds germinate but show immediate chlorosis followed by a mauve-pink discolouration. The chlorosis spreads with the aerial growth and the plants become necrotic and die back.

After application, some transient crop discolouration may occur. In lentils and lupins, this usually appears as yellow or white banding on the leaves, while in clover and field peas, white/pink coloration of the leaf veins and tips may occur. Some crop height reduction may also occur.

Provided the crop is not under stress from pre-emergent herbicide, disease, insect damage, nutrient deficiency, frost, extremes of pH, dry or excessively moist conditions, the development of the crop and all subsequent growth will not be affected.

Some pre-emergence herbicides, such as atrazine, can cause stress to certain crops resulting in an increase in crop damage when using the product. Field peas are particularly sensitive.

Clover Tolerance Table

VARIETY	EFFECT ON VEGETATIVE GROWTH
Arrowleaf (Zulu)	Moderate
Balansa (Paradana)	Moderate
Persian (Kyambro)	Minimal
Strawberry (Palestine)	Moderate
Subterranean (Clare)	Moderate
Subterranean (June)	Moderate
Subterranean (Karridale)	Moderate
Subterranean (Larissa)	Moderate
Subterranean (Mt. Barker)	Moderate
Subterranean (Seaton Park)	Minimal
Subterranean (Trikkala)	Minimal
Subterranean (Woogenellup)	Moderate
White (Haifa)	Moderate

Reduction in growth – Minimal (0-20%), Moderate (Moderate 20-50%)

The following varieties of subterranean clover have been tested for effects on seed yield: Seaton Park, Trikkala and Woogenellup. Some reduction in seed yield may occur with cv. Trikkala.

Subsequent Crop Tolerance

To reduce the effect on subsequent susceptible crops (e.g. canola) ensure thorough cultivation of soil prior to the sowing of these crops.

Mixing

Stir product or invert container several times before use as settling may occur after storage for some weeks. To ensure even mixing, half fill the spray tank with clean water and add the required amount of product. Agitate thoroughly then add the remainder of the water. Agitate thoroughly while carrying out spray operations. Reseal part-used container immediately after use.

APPLICATION

Ground

A minimum water rate of 50L/ha should be used, however, for optimum results water rates of 70-100L/ha are recommended. Increase the water volume where weed infestation is heavy or the crop cover is dense. Complete coverage of weeds is essential. Higher water volumes (up to 100L/ha) will ensure improved activity of the product on the weeds but may increase the symptoms of crop damage.

The following settings are examples that will ensure excellent coverage of exposed weeds:

WATER RATE	50L/ha	75L/ha	75L/ha
NOZZLE	Hardi No. 10 or equivalent	Hardi No. 12 or equivalent	Hardi No. 14 or equivalent
SPEED	10 kph	10 kph	12 kph
PRESSURE	240 kPa (2.4 bar)	220 kPa (2.2 bar)	210 kPa (2.1 bar)

Compatibility

Difen Options Selective Herbicide is physically compatible with most currently registered grass herbicides as two-way tank mixtures.

DIFEN OPTIONS SELECTIVE HERBICIDE	COMPATIBLE PRODUCT
Up to 150 mL	Simazine (500g/L product) up to 1.0L/ha
All Rates	Delta-Duo EC, Dimethoate, Dictate 100, Hallmark* 50EC, Le-Mat* 290 SC, Lexone*, Sencor*, Talstar* and Targa*

Warning

For tank-mixtures with grass herbicides, use the recommended rates for both herbicides as well as the surfactant recommendations of the grass herbicide. Read the label for the grass herbicide before mixing and using the tank mixtures. **DO NOT** use crop oils with Difen Options Selective Herbicide or Difen Options Selective Herbicide / Grass Herbicide tank-mixtures. Applications to lupins and field peas under stressed conditions may cause significant damage to the crop. Tank mixtures with simazine should be applied post-emergence to lupin crops only. Increased crop effects may be experienced with the tank mix. **DO NOT** apply tank-mixtures to clover. When tank mixing Difen Options Selective Herbicide and Targa*, use a surfactant only. Mixtures of Difen Options Selective Herbicide and Verdict* applied to lupins or field peas can cause damage that may result in yield losses. Consult your local Imtrade Australia Pty Ltd representative or the relevant grass herbicide manufacturer for advice on application and timing of tank-mixtures. As formulations of other manufacturer's products are beyond the control of Imtrade Australia Pty Ltd, all mixtures should be tested prior to mixing commercial quantities.

RESISTANT WEED WARNING

GROUP 12 HERBICIDE

Difen Options Selective Herbicide is a member of the nicotinanilide group of herbicides and acts by inhibiting carotenoid biosynthesis. For weed resistance management Difen Options Selective Herbicide is a Group 12 Herbicide. Some naturally occurring weed biotypes resistant to Difen Options Selective Herbicide and other Group 12 Herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if Difen Options Selective Herbicide or other Group 12 herbicides are used repeatedly. These resistant weeds will not be controlled by Difen Options Selective Herbicide or other Group 12 Herbicides. 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 Difen Options Selective Herbicide to control resistant weeds.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

STORAGE AND DISPOSAL

The method of disposal of the container depends on the container type. Read the Storage and Disposal instructions on the label that is attached to the container.

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.

All other non-refillable containers

Triple rinse containers before disposal. Add rinsings to spray tank. **DO NOT** dispose of undiluted chemical 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 for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm 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 and product. **DO NOT** re-use empty container for any other purpose.

Envirodrum - Micro Matic Valve (110L)

Store the original sealed Envirodrum in a cool, well ventilated area. **DO NOT** store for prolonged periods in direct sunlight. **DO NOT** tamper with the Micro Matic valve or the security seal. **DO NOT** contaminate the Envirodrum with water or any other foreign matter. After each use of the product please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the Envirodrum have been used, please return the empty Envirodrum to the point of purchase.

SAFETY DIRECTIONS

Avoid contact with eyes and skin. Wash hands after use.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (*Phone Australia 13 11 26; New Zealand 0800 764 766*).

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;
- 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

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