



Product Name: Surefire Decimate Selective Herbicide  
APVMA Approval No: 84186/109861



Label Name:	Surefire Decimate Selective Herbicide
Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENTS: 250 g/L BROMOXYNIL present as the OCTANOATE 25 g/L DIFLUFENICAN SOLVENTS: 416 g/L LIQUID HYDROCARBONS 150 g/L N-METHYL-2-PYRROLIDONE
Mode of Action:	GROUP <b>C</b>   <b>F</b> HERBICIDE
Statement of Claims:	For control of certain broadleaf weeds in winter cereals and pastures as specified in the Directions for Use Table.
Net Contents:	CONTENTS: (5 L - 1000 L)
Restrains:	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 disease or insect damage. DO NOT apply to frost-affected crops or if frosts are imminent. DO NOT apply if heavy rain is expected within 4 hours. DO NOT apply with crop oils (cereals only).
Directions for Use:	This section contains file attachment.
Other Limitations:	

Withholding Periods:	<p>WITHHOLDING PERIOD HARVEST: CEREALS, GRAPES: NOT REQUIRED WHEN USED AS DIRECTED</p> <p>GRAZING: PASTURE, CEREALS: DO NOT GRAZE OR CUT FOR STOCK FOOD WITHIN 8 WEEKS AFTER APPLICATION</p>
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Trade Advice:	
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General Instructions:	This section contains file attachment.
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Resistance Warning:	<p>RESISTANT WEEDS WARNING GROUP C F HERBICIDE</p> <p>This product is a member of the nitrile and nicotinanilide groups of herbicides. This product is an inhibitor of photosynthesis at photosystem II and carotenoid biosynthesis. For weed resistance management, SUREFIRE DECIMATE SELECTIVE HERBICIDE is a Group C, F herbicide. Some naturally occurring weed biotypes resistant to SUREFIRE DECIMATE SELECTIVE HERBICIDE and other Group C, F 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 SUREFIRE DECIMATE SELECTIVE HERBICIDE or other Group C, F herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, PCT Holdings Pty Ltd accepts no liability for any losses that may result from the failure of SUREFIRE DECIMATE SELECTIVE HERBICIDE to control resistant weeds.</p>
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Precautions:	
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Protections:	<p>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS 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. Wash sprayer thoroughly after use.</p> <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT Dangerous to fish. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.</p>
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Storage and Disposal:	<p>Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.</p> <p>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.</p> <p>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. DO NOT use empty container for any other purpose.</p> <p>Refillable Containers</p>
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	<p>If tamper evident seals are broken prior to initial use then the integrity of the contents cannot be assured. Empty container by pumping through dry-break connection system. DO NOT attempt to breach the valve system or the filling point or contaminate the container with water or other products. Ensure that the coupler, pump, meter and hoses are disconnected, triple rinsed with clean water and drained after each use. When empty, or contents no longer required, return the container to the point of purchase. This container remains the property of PCT Holdings Pty Ltd.</p> <p>1000 L containers</p> <p>If tamper evident seals are broken prior to initial use then the integrity of the contents cannot be assured. The container must be vented before discharging contents. To empty, connect a camlock fitted hose to the bottom valve. Remove top cap when discharging for venting purposes. When the container is empty, close all caps and valves and return the container to the point of purchase.</p>
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<p>Safety Directions:</p>	<p><b>SAFETY DIRECTIONS</b></p> <p>Product is harmful if inhaled or swallowed. Will irritate eyes, nose, throat and skin. Avoid inhaling spray mist. When preparing spray wear elbow length PVC gloves and face-shield. If product in eyes, wash it out immediately with 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 contaminated clothing.</p>
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<p>First Aid Instructions:</p>	<p><b>FIRST AID</b></p> <p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. If swallowed, DO NOT induce vomiting. Give a glass of water. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.</p>
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<p>First Aid Warnings:</p>	
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## DIRECTIONS FOR USE

CROP	WEEDS CONTROLLED	WEED STAGE	RATE	STATE	CRITICAL COMMENTS
<p><b>Wheat, Barley, Triticale, Cereal rye</b> (including undersown with clover and/or lucerne), <b>and these cover crops in vineyards</b></p> <p><b>Pasture: Clover and/or lucerne based pasture</b> (newly sown or established) <b>including cover crops in vineyards</b></p>	Wild radish	Up to 2 leaf stage and not more than 60mm in diameter and where weed density is less than 50 plants/m <sup>2</sup>	350 mL/ha	WA only	<p><b>CROP STAGE:</b>  <b>Cereals</b>            2 leaf to fully tillered (Z12-29)            Optimum results are achieved when sprayed at 4-8 weeks post-sowing.</p> <p><b>Warning:</b> SUREFIRE DECIMATE SELECTIVE HERBICIDE may cause transient crop yellowing of cereals. (Refer to "Crop Tolerance" section of General Instructions).</p> <p><b>Clover and lucerne</b>            Application is recommended prior to the 8<sup>th</sup> trifoliolate leaf stage.            Application can be made from the 1st trifoliolate leaf stage in Qld, NSW, ACT and Vic only.            In other States applications prior to the 3 leaf stage may result in crop damage if seedlings are under stress and in sandy soils.</p> <p>DO NOT apply to annual medics.</p> <p><b>Warning:</b> SUREFIRE DECIMATE SELECTIVE HERBICIDE may affect growth and seed set of some varieties of clover and lucerne. (Refer to "Crop Tolerance" section of General Instructions).</p> <p><b>COVER CROPS IN VINEYARDS:</b>            When using in vineyard situations, apply during vine dormancy only. Contact with vines must be avoided. Particular care should be taken if applied in late Autumn or early Spring, when vines may not be fully dormant.</p> <p><b>WEED STAGE:</b>            Apply from early post-emergence.</p> <p><b>APPLICATION:</b>            Apply when weeds are actively growing. Ensure thorough coverage of weeds. Where crop or weed density is high, increase water volume.</p> <p>In most situations the rate specified for each weed size will give satisfactory control. However, under certain conditions such as:</p> <ul style="list-style-type: none"> <li>• high crop and weed density,</li> <li>• late season germinations,</li> <li>• abnormal weed growth (including early flowering); higher rates of product (up to the maximum rate of application specified for that weed) may be required.</li> </ul> <p>SUREFIRE DECIMATE SELECTIVE HERBICIDE will not effectively control:</p> <ul style="list-style-type: none"> <li>• regrowth of suppressed weeds,</li> <li>• transplanted weeds,</li> </ul>
	Wild mustard, Wild radish	Up to 4 leaf stage and not more than 120 mm in diameter	500 mL/ha	All States	
		Up to 6 leaf stage and not more than 150 mm in diameter	750 mL/ha		
		Up to 8 leaf stage and not more than 180 mm in diameter	1.0 L/ha		

				<ul style="list-style-type: none"> <li>• regrowth from rhizomes or roots,</li> <li>• weeds growing under stress from previous herbicide applications.</li> <li>• radish plants beyond rosette stage</li> </ul> <p><b>WILD RADISH:</b> Effective residual activity of this product may be reduced where:</p> <ul style="list-style-type: none"> <li>• rates lower than 1.0L/ha are used;</li> <li>• dry conditions prevail;</li> <li>• poor coverage of the soil surface is achieved;</li> <li>• crop is grown in non-wetting sand;</li> <li>• soils have a high content of clay or organic matter.</li> </ul> <p><b>VOLUNTEER LUPINS:</b> In some situations, the higher rate of 1.0 L/ha may be required to effectively suppress volunteer lupins at the 4 leaf stage.</p> <p>This product will suppress seedling dock but will not suppress regrowth from transplanted roots.</p>
	Canola (rapeseed), Charlock, Turnip weed, Wild turnip	Up to 2 leaf stage and not more than 60mm in diameter	500 mL/ha	
		Up to 4 leaf stage and not more than 120mm in diameter	750 mL/ha	
	Shepherd's purse	Up to 4 leaf stage and not more than 120mm in diameter	1.0 L/ha	
	Capeweed	Up to 4 leaf stage and not more than 120mm in diameter	500 mL/ha	
		Up to 6 leaf stage and not more than 150mm in diameter	750 mL/ha	
		Up to 8 leaf stage and not more than 180mm in diameter	1.0 L/ha	
	Corn gromwell	Up to 4 leaf stage	500 mL/ha	
		Up to 6 leaf stage	750 mL/ha	
	Climbing buckwheat	Up to 2 leaf stage	500 mL/ha	
		Up to 4 leaf stage	750 mL/ha	
		Up to 6 leaf stage	1.0 L/ha	
	Deadnettle, Paterson's curse (Salvation Jane),	Up to 2 leaf stage	500m L/ha	
		Up to 4 leaf	750	
				<i>Continued from previous page</i>

	Rough poppy, Amsinckia	stage	mL/ha		
	Doublegee (Spiny Emex)	Up to 2 leaf stage	500 mL/ha	Qld, NSW, ACT, Vic, Tas, WA only	
		Up to 4 leaf stage	750 mL/ha	All states	
	Chamomile, Common peppergrass, Lesser swinegrass, Purple calandrinia (Mountain sorrel), Tree hogweed	Up to 4 leaf stage	1.1 L/ha	All States	
			Fat hen, Field madder, Saffron thistle, Variegated thistle		1.0 L/ha
			Ox-tongue, Wireweed		Up to 2 leaf stage
	Fireweed	Up to 4 leaf stage	500m L/ha	Qld, NSW, ACT, Vic, SA, WA, NT only	
	Common cotula (Bird's eye) Pheasant's eye (Adonis)	Up to 4 leaf stage	560m L/ha	SA only	
		Greater than 4 leaf stage	1.1 L/ha		
<b>Wheat, Barley, Triticale, Cereal rye</b>	Fumitory	2-6 leaf stage	350 mL/ha + 200 mL/ha Terbutryn (500 g/L)	WA only	

<b>Wheat, Barley, Triticale, Cereal rye</b> (including undersown with Clover and/or Lucerne), and <b>these cover crops in vineyards</b>  <b>Pasture Clover and/or lucerne based pasture</b> (newly sown or established) <b>including cover crops in vineyards</b>	<b>Suppression of the following weeds</b>				<i>Continued from previous page</i>	
	Dense-flower fumitory	Up to 2 leaf stage	750 mL/ha	All States		
	Chickweed, Common sowthistle (Milk thistle), Dock <sup>1</sup> , Hexham scent (King Island melilot), Prickly lettuce, Scarlet pimpernel, Skeleton weed, Sorrel, Speedwell, Three horned bedstraw, Toad rush	Up to 4 leaf stage	1.0 L/ha			
			500 mL – 1 L/ha			
		Volunteer lupins				
		Crassula (Stonecrop)	Up to 5 leaf stage	500 mL/ha		
		Long storksbill	Up to 4 leaf stage			
		Volunteer field peas	Up to 5 node stage	750 mL/ha		
		Ward's weed	Up to 5 leaf stage	1.0L/ha		
		Vetch	Up to 2 leaf stage			
		Mouse eared chickweed				
		Mexican poppy				
	Mintweed, Spoon cudweed	Up to 4 leaf stage		NSW & ACT only		
	New Zealand spinach	Up to 2 leaf stage	750 mL/ha	Qld only		
	Cleavers	Up to 1 whorl stage	1.0 L/ha	SA only		
	Ball mustard	Up to 4 leaf stage				
	Horehound	Pre-emergence				
	Marshmallow	Up to 2 leaf stage				

CROP	WEEDS CONTROLLED	WEED STAGE	RATE	STATE	CRITICAL COMMENTS
Wheat, Barley, Triticale, Cereal rye	Wild radish	Up to the 4 leaf stage and not more than 120 mm in diameter	350mL/ha plus 200mL/ha LVE MCPA (500 g/L)	WA only	<p><b>Refer also to all Critical Comments for Cereals above.</b></p> <p>DO NOT use this tank-mix if cereals are undersown with lucerne or annual medics. DO NOT use this tank-mix in vineyards.</p> <p><b>Crop Stage</b></p> <p>SUREFIRE DECIMATE SELECTIVE HERBICIDE 350 mL+ LVE MCPA 200 mL: Apply from 3 leaf to fully tillered (Z 13-30).</p> <p>SUREFIRE DECIMATE SELECTIVE HERBICIDE 500 mL + LVE MCPA 200 mL: Apply from 3 leaf to fully tillered (Z13-30).</p> <p>SUREFIRE DECIMATE SELECTIVE HERBICIDE 500 mL + LVE MCPA 400 mL: Apply from 5 leaf stage to fully tillered (Z15-30).</p> <p>Optimum results are achieved when sprayed 4-8 weeks post sowing.</p> <p><b>Warning:</b> SUREFIRE DECIMATE SELECTIVE HERBICIDE may cause transient crop yellowing of cereals. (Refer to “<b>Crop Tolerance</b>” section of <b>General Instructions</b>). Observe instructions also on LVE MCPA product label.</p>
		Up to the 6 leaf stage and not more than 150 mm in diameter	500 mL/ha plus 200 mL/ha LVE MCPA (500 g/L)	All States	
		Up to the 8 leaf stage and not more than 180 mm in diameter	500 mL/ha plus 400 mL/ha LVE MCPA (500 g/L)		

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



## WEEDS LIST

Weed (Common name)	(Scientific name)
Amsinckia	<i>Amsinckia</i> spp.
Ball mustard	<i>Neslia paniculata</i>
Canola (rapeseed)	<i>Brassica napus</i>
Capeweed	<i>Arctotheca calendula</i>
Chamomile	<i>Matricaria matricarioides</i>
Charlock	<i>Sinapis arvensis</i>
Chickweed	<i>Stellaria media</i>
Cleavers	<i>Galium aparine</i>
Climbing buckwheat	<i>Fallopia convolvulus</i>
Common cotula (bird's eye)	<i>Cotula australis</i>
Common peppergrass	<i>Lepidium africanum</i>
Common sowthistle (milk thistle)	<i>Sonchus oleraceus</i>
Corn gromwell	<i>Buglossoides arvensis</i>
Crassula (stonecrop)	<i>Crassula</i> spp.
Dead nettle	<i>Lamium amplexicaule</i>
Dense-flower fumitory	<i>Fumaria densiflora</i>
Dock	<i>Rumex</i> spp.
Doublegee (spiny Emex)	<i>Emex australis</i>
Fat hen	<i>Chenopodium album</i>
Field madder	<i>Sherardia arvensis</i>
Fireweed	<i>Senecio</i> spp.
Fumitory	<i>Fumaria</i> spp.
Hexham scent (King Island melilot)	<i>Melilotus indicus</i>
Horehound	<i>Marubium vulgare</i>
Lesser swinecress	<i>Coronopus didymus</i>
Long storksbill	<i>Erodium botrys</i>
Marshmallow	<i>Malva parviflora</i>
Mexican poppy	<i>Argemone ochroleuca</i>
Mintweed	<i>Salvia reflexa</i>
Mouse eared chickweed	<i>Cerastium glomeratum</i>
New Zealand spinach	<i>Tetragonia tetragonoides</i>
Ox-tongue	<i>Picris echioides</i>
Paterson's curse (Salvation Jane)	<i>Echium plantagineum</i>
Pheasant's eye (Adonis)	<i>Adonis dentatus</i>
Prickly lettuce	<i>Lactuca serriola</i>
Purple calandrinia (mountain sorrel)	<i>Calandrinia menziesii</i>
Rough poppy	<i>Papaver hybridum</i>
Saffron thistle	<i>Carthamus lanatus</i>
Scarlet pimpernel	<i>Anagallis arvensis</i>
Shepherd's purse	<i>Capsella bursa-pastoris</i>
Skeleton weed	<i>Chondrilla juncea</i>
Sorrel	<i>Rumex acetosella</i>
Speedwell	<i>Veronica</i> spp.
Spoon cudweed	<i>Stuartina muelleri</i>
Three horned bedstraw	<i>Galium tricornutum</i>
Toad rush	<i>Juncus bufonius</i>
Tree hogweed	<i>Polygonum patulum</i>
Turnip weed	<i>Rapistrum rugosum</i>
Variogated thistle	<i>Silybum marianum</i>
Vetch	<i>Vicia sativa</i>
Volunteer field peas	<i>Pisum sativum</i>
Volunteer lupins	<i>Lupinus angustifolius</i>
Ward's weed	<i>Carrichtera annua</i>
Wild mustard	<i>Sisymbrium</i> spp.
Wild radish	<i>Raphanus raphanistrum</i>
Wild turnip	<i>Brassica tournefortii</i>
Wireweed	<i>Polygonum aviculare</i>



## **GENERAL INSTRUCTIONS**

- This product is a post-emergence contact herbicide, which may provide residual control of wild radish up to 4 weeks after application.
- Apply Surefire Decimate Selective Herbicide immediately after mixing. Do not allow to stand in the spray tank overnight.
- Optimum results will be obtained if good soil moisture exists at and after application and weeds are not stressed.
- Some pre-emergence herbicides, such as atrazine, can cause stress to certain crops resulting in an increase in crop damage when using this product. Crops which are particularly sensitive are lucerne and subterranean clover.

## **TEMPERATURE WARNING**

DO NOT apply SUREFIRE DECIMATE SELECTIVE HERBICIDE if frosts are imminent. Frost causes stress on crops and weeds and could result in increased crop effects and/or decreased weed control. To ensure good results SUREFIRE DECIMATE SELECTIVE HERBICIDE should only be applied once the weeds and crop are no longer under stress from the frost conditions. Avoid application when maximum daily temperatures above 20°C occur, or are likely to occur for a few days after application, as increased crop damage may result.

## **CROP TOLERANCE**

### **Cereals**

After application some transient crop yellowing may occur. This usually appears as yellow or white banding on leaves. Provided the crop is not under stress from pre-emergent herbicide, root disease, insect damage, frost, dry or excessively moist conditions, the development of the crop and subsequent growth will be unaffected.

### **Lucerne**

**Warning:** The tolerance of lucerne varieties to SUREFIRE DECIMATE SELECTIVE HERBICIDE can vary with rate of application, soil type, crop health, stage of growth and degree of moisture and temperature stress. SUREFIRE DECIMATE SELECTIVE HERBICIDE may result in transient crop yellowing and suppression of growth with a resultant initial reduction in dry matter. For this reason we recommend application prior to the 8 trifoliolate leaf stage. However, under normal growing conditions subsequent growth and seed yield should not be affected. Crop damage may be increased if rates higher than 500 mL/ha are used and in areas where spray overlapping has occurred. Under normal growing conditions, the following lucerne varieties have shown acceptable levels of foliage tolerance to SUREFIRE DECIMATE SELECTIVE HERBICIDE applied at 500 mL/ha: Hunter River, Nova and Dekalb 185. Varieties not listed should be tested before using SUREFIRE DECIMATE SELECTIVE HERBICIDE over large areas. Consult your local PCT Holdings Pty Ltd representative for advice on specific varieties.

### **Subterranean clover**

**Warning:** The tolerance of subterranean clover varieties to SUREFIRE DECIMATE SELECTIVE HERBICIDE can vary with rate of application, soil type, crop health, stage of growth and degree of moisture and temperature stress. SUREFIRE DECIMATE SELECTIVE HERBICIDE may result in transient crop yellowing and suppression of growth with an initial reduction in dry matter. For this reason we recommend application prior to the 8 trifoliolate leaf stage. However, under normal growing conditions subsequent growth and seed yield should not be affected. Crop damage may be increased if rates higher than 500mL/ha are used and in areas where spray overlapping has occurred. Under normal growing conditions, the following varieties have shown acceptable levels of foliage tolerance to SUREFIRE DECIMATE SELECTIVE HERBICIDE applied at 500 mL/ha: Daliak, Dalkeith, Denmark, Goulburn, Karridale, Leura, Mt. Barker, Nungarin, Rosedale, Seaton Park,

Trikkala and Woogenellup. The variety Junee has shown increased sensitivity to SUREFIRE DECIMATE SELECTIVE HERBICIDE so care should be taken if this variety is part of the pasture sward. The effects of SUREFIRE DECIMATE SELECTIVE HERBICIDE on subterranean clover seed yield have been tested on the following varieties. Under normal growing conditions they show acceptable levels of tolerance to SUREFIRE DECIMATE SELECTIVE HERBICIDE applied at 500mL/ha. However, higher rates may reduce seed yield under conditions of low weed pressure: Denmark, Goulburn, Larissa, Nungarin, Seaton Park, Trikkala and Woogenellup. Varieties not listed should be tested before using SUREFIRE DECIMATE SELECTIVE HERBICIDE over large areas. Consult your local PCT Holdings Pty Ltd representative for advice on specific varieties.

### **Other Clovers**

**Warning:** The tolerance of clover varieties to SUREFIRE DECIMATE SELECTIVE HERBICIDE can vary with rate of application, soil type, crop health, stage of growth and degree of moisture and temperature stress. SUREFIRE DECIMATE SELECTIVE HERBICIDE may result in transient crop yellowing and suppression of growth with a resultant initial reduction in dry matter. For this reason we recommend application prior to the 8 trifoliate leaf stage. However, under normal growing conditions subsequent growth and seed yield should not be affected. Crop damage may be increased if rates higher than 500 mL/ha are used and in areas where spray overlapping has occurred. The effect on seed yield of other clovers has not been determined. The following varieties of clover have shown increased sensitivity to SUREFIRE DECIMATE SELECTIVE HERBICIDE: Big Bee, Sacromonte (Berseem), Haifa (White), Zulu (Arrowleaf), Kyambro, Lupers and Maral (Persian). Care should be exercised if these clovers are part of the pasture sward. Varieties not listed should be tested before using SUREFIRE DECIMATE SELECTIVE HERBICIDE over large areas. Consult your local PCT Holdings Pty Ltd representative for advice on specific varieties.

### **Subsequent Crops**

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

### **MIXING**

To ensure even mixing, half fill the spray tank with clean water and add the required amount of product. Agitate thoroughly while carrying out spray operations. Reseal part-used container immediately after use.

### **APPLICATION**

#### **Boom Sprayer**

A minimum of 50 L water/ha should be used, however, for optimum results, water rates of 70-100 L/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 100 L/ha) will ensure faster activity of the product on the weeds but may increase the symptoms of crop damage. The following settings are examples which will ensure excellent coverage of exposed weeds:

<b>WATER RATE</b>	<b>50 L/ha</b>	<b>75 L/ha</b>	<b>75 L/ha</b>
Nozzle	Hardi No. 10 or equivalent	Hardi No. 12 or equivalent	Hardi No. 14 or equivalent
Speed	10 km/h	10 km/h	12 km/h
Pressure	240 kPa (2.4 bar)	220 kPa (2.2 bar)	210 kPa (2.1 bar)

**Controlled Droplet Application (CDA)**

Insufficient information is available to recommend the application of this product by CDA.

**Warning:** The rubber components present in some spraying units may be affected by exposure to the solvents in SUREFIRE DECIMATE SELECTIVE HERBICIDE. To reduce this risk it is recommended that the spray unit be thoroughly washed with a boom cleaner and fresh water after use.

**Aircraft**

Insufficient information is available to recommend the application of this product by air.

## COMPATIBILITY

The following herbicide products are physically compatible with SUREFIRE DECIMATE SELECTIVE HERBICIDE as two-way mixtures in the spray tank, but should only be used for the crops specified, and only when the crop is also specified on the label of the compatible product: (See below for list of compatible insecticides.)

Crop	SUREFIRE DECIMATE SELECTIVE HERBICIDE	Compatible Product
Wheat, triticale, cereal rye (including undersown)	Up to 750 mL/ha	Diflufenican (barley also)
Wheat, barley, triticale, cereal rye (including undersown)	All rates	Flumetsulam
Wheat, barley, triticale, cereal rye (not undersown)	Up to 500 mL/ha	Metsulfuron methyl, chlorsulfuron, MCPA LVE (500 g/L product) (up to 500 mL/ha only)
	All rates	2,4-D amine 500 g/L, Eclipse*, Cadence* (up to 115 g only), clopyralid
Wheat only (not undersown)		Topik*
Established lucerne only	Up to 750 mL/ha	Simazine (500 g/L product) (up to 1.25 L/ha only) and simazine (500 g/L)/Paraquat (200 g/L) mixture
Newly sown and established lucerne and clover only	Up to 750 mL/ha	Quizalofop, fluazifop, 2,4-DB amine (500 g/L)
	Up to 1.0 L/ha	Flumetsulam

When mixing SUREFIRE DECIMATE SELECTIVE HERBICIDE with other herbicides, crop yellowing may be enhanced. When mixing with diclofop methyl some reduction in the efficacy and speed of action of these products may occur.

When mixing with fluazifop or quizalofop some reduction in the efficacy and speed of action of these products and SUREFIRE DECIMATE SELECTIVE HERBICIDE may occur. In tank-mixtures with metsulfuron methyl and chlorsulfuron, rates of SUREFIRE DECIMATE SELECTIVE HERBICIDE higher than 500 mL/ha may cause significant crop damage.

If the crop is stressed, the application of the herbicide tank-mixtures may cause yield reduction. When mixing with Cadence\* a temporary wilting may be evident in some crops after application.

The mixture of SUREFIRE DECIMATE SELECTIVE HERBICIDE and simazine should be applied during winter to lucerne which is not actively growing. This mixture may result in an increased crop effect but this can be reduced if the lucerne is grazed or cut before spraying.

DO NOT mix SUREFIRE DECIMATE SELECTIVE HERBICIDE with haloxyfop.

Growers should seek advice before spraying recently released cereal varieties. This product may be mixed in the spray tank with one of the following insecticides according to the directions for the insecticide product: Chlorpyrifos (500 g/L product), Decis Options\*, dimethoate, alpha-cypermethrin 100 EC, omethoate 290 SL and bifenthrin.

Use the recommended rates for SUREFIRE DECIMATE SELECTIVE HERBICIDE and its tank mix partner as well as the surfactant recommendation of the tank-mix partner. Read the label of the tank-mix partner before mixing and using the tank mixture. If another herbicide is applied as a tank mix, observe the plant back restrictions on that label.

**Warning:** DO NOT use crop oils with SUREFIRE DECIMATE SELECTIVE HERBICIDE or SUREFIRE DECIMATE SELECTIVE HERBICIDE tank mixtures in cereals. As formulations of other manufacturers' products are beyond the control of PCT Holdings Pty Ltd, all mixtures should be tested prior to mixing commercial quantities.