

FLUMETSULAM 800 WG

Herbicide

ACTIVE CONSTITUENT: 800 g/kg FLUMETSULAM

GROUP B HERBICIDE

A water dispersible granule formulation for the post-emergence and salvage control of certain broadleaf weeds in winter cereals (including those undersown with clover, lucerne or medics); clover, fenugreek, lathyrus, lucerne, medic, serradella, and vetch (Popany only) seed crops and pastures; chickpeas, field peas, lentils, maize, peanuts, and for the pre-emergent central of certain broadleaf peanuts; and for the pre-emergent control of certain broadleaf weeds in maize and soybeans as specified in the Directions for Use.

IMPORTANT: READ THIS LEAFLET BEFORE USE

4 FARMERS AUSTRALIA PTY LTD

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Batch Number: Date of Manufacture:

APVMA Approval No: 69906/62043

DIRECTIONS FOR USE RESTRAINTS:

DO NOT apply to plants which may be stressed (not actively growing) due to prolonged periods of extreme temperature (less than 5°C or greater than 30°C), moisture stress (water-logged or drought affected), poor nutrition or previous herbicide treatment as reduced levels of control

DO NOT apply post-emergence treatment if rain is likely within 4 hours.

DO NOT irrigate (any method) treated crop or pasture for 48 hours after application.

TABLE 1A CHICKPEAS, FIELD PEAS, LENTIL, FENUGREEK, LATHYRUS, VETCH (POPANY ONLY) AND SERRADELLA

CROP	GROWTH STAGES	CROP TOLERANCE	SPRAY ADDITIVES/TANK MIXES
Chickpeas	4-6 branches (no later than 6 weeks after emergence)	4Farmers Flumetsulam 800 WG Herbicide usually causes some transient crop yellowing and can cause reddish discolouration and height suppression. Flowering may be delayed resulting in yield suppression.	DO NOT use any spray additives, or tank mix any other chemicals with 4Farmers Flumetsulam 800 WG Herbicide when using on chickpeas and field peas
Field peas	2 to 6 nodes (no later than 6 weeks after emergence)	4Farmers Flumetsulam 800 WG Herbicide may cause transient crop yellowing and height suppression. On light soils in dry seasons flowering may be delayed resulting in yield suppression.	
Lentils	4-8 fully expanded leaves DO NOT apply later than 6 weeks after emergence	4Farmers Flumetsulam 800 WG Herbicide may cause transient height reduction, crop discolouration and delayed flowering, although yields are normally unaffected. However, stress conditions after application (eg. frost, drought, nutrient deficiency, disease) may lengthen the time needed for lentils to recover. In seasons where a dry spring occurs, yields may be suppressed. Tank mixes with other products may result in growth suppression and delayed flowering which can result in yield suppression.	Compatible spray adjuvants may be applied at appropriate rates with 4Farmers Flumetsulam 800 WG Herbicide to lentils.
Fenugreek, Lathyrus, Vetch (Popany only)	3 fully expanded leaves onwards		Use 4Farmers Flumetsulam 800 WG Herbicide or 4Farmers Flumetsulam 800 WG Herbicide with a wetter only. Tank mixes with other herbicides are not recommended.
Serradella	3 fully expanded leaves onwards		Compatible spray adjuvants may be applied at appropriate rates with 4Farmers Flumetsulam 800 WG Herbicide to serradella.

TABLE 1B WEEDS CONTROLLED OR SUPPRESSED IN TABLE 1A CROPS

	WEED GROWTH STAGE		DATE	
WEED	Up to leaf No. or Up to plant size (cm)		RATE g/ha	CRITICAL COMMENTS
CONTROLLED				
Amsinckia (Yellow burrweed)	10 leaf	10 cm diameter	25	Where recommended, use of either a wetter or spraying oil with 4Farmers Flumetsulam 800 WG Herbicide will provide better weed control
Ball mustard	6 leaf	5 cm diameter		
Charlock	8 leaf	10cm diameter		Spray charlock as soon as possible after the autumn break. Larger plants and any affected by stress or grazing prior to treatment may re-grow and flower.
Indian hedge mustard	6 leaf	5 cm diameter		
Lupins	10 leaf	10 cm high		
Marshmallow (Small flowered mallow)	4 leaf	10cm diameter		
Pheasant's eye	8 leaf	10cm diameter		
Shepherd's purse	8 leaf	10 cm diameter		
Three-horned bedstraw	6 whorls	10 cm high		
Turnip weed	8 leaf	5 cm diameter		
Volunteer canola	8 leaf	10cm diameter		
Ward's weed	8 leaf	10 cm diameter		
Wild turnip	6 leaf	5cm diameter		
SUPPRESSED				
Capeweed (WA only)	4 leaf	10 cm diameter	25	Under ideal growing conditions, 4Farmers Flumetsulam 800 WG Herbicide will
Doublegee (Spiny emex) (WA only)	4 leaf	10 cm diameter		provide useful suppression of capeweed and doublegee. Best results will be achieved when a pre-emergence herbicide has already been used.
Wild radish	4 leaf	5cm diameter		Under ideal growing conditions, 4Farmers Flumetsulam 800 WG Herbicide without an adjuvant will give a biomass reduction of 50%–70% of wild radish. Surviving plants may flower and set viable seed. Best results occur with treatment in conditions >5°C with bright sunny conditions and use of higher water rates of 70–100L/ha with fine–medium quality spray droplets to get

TABLE 2A WHEAT, BARLEY, OATS, TRITICALE, CEREAL RYE (INCLUDING THOSE UNDERSOWN WITH CLOVER, LUCERNE OR MEDICS), CLOVER, LUCERNE AND MEDIC CROPS AND PASTURES

excellent spray coverage.

CROP/SITUATION	GROWTH STAGES	CROP TOLERANCE	SPRAY ADDITIVES/TANK MIXES
Wheat	3 leaf until start of jointing (Zadoks 13-31)		Always apply with spraying oil at appropriate rate or a 100% concentrate non-ionic wetting agent at 200mL/100L.
Barley, Oats	Mid-tillering to start of jointing (Zadoks 23-31)	Transient stem shortening and crop discolouration may occur, although yields are normally unaffected. Where barley and oats	Use only with a wetting agent when either applying 4Farmers Flumetsulam 800 WG Herbicide alone or with partner
Stirling barley (WA only)	Apply no earlier than Zadoks 31.	are undersown, a vigorous legume component may lengthen the time needed for the cereal to recover, especially if the cereal is stressed by lack of moisture, trace element deficiency or disease. In severe cases, yields may be suppressed.	products in barley and oats.
Triticale Cereal rye	Mid-tillering to start of jointing (Zadok 23-31)		Always apply with a spraying oil at appropriate rate or a 100% concentrate non-ionic wetting agent at 200mL/100L.
Medic, lucerne, and clover seed crops, and pastures, including; Barrel medic, Snail medic, Spineless burr medic Subterranean clover, White clover	2 to 3 trifoliate leaves onwards	Medic, lucerne and subterranean clover (sub clover) — When 4Farmers Flumetsulam 800 WG Herbicide is applied at 25 g/ha + spraying oil or wetter, yield reduction may occur when treating Serena medic or Nungarin sub-clover. DO NOT apply to lucerne seed crops less than 8 weeks before flowering.	Always apply with a spraying oil at appropriate rate or a 100% concentrate non-ionic wetting agent at 200mL/100L. In clover DO NOT use with diuron. In lucerne DO NOT use with MCPA. In medics DO NOT use with MCPA.

CROP/SITUATION	GROWTH STAGES	CROP TOLERANCE	SPRAY ADDITIVES/TANK MIXES
Grazing lucerne — high rate	4 trifoliate leaves onwards	Use the 50g/ha rate in grazing lucerne only. DO NOT apply at 50g/ha to lucerne used for seed production.	
Fence lines, Stock camps, Stockyards, Commercial areas and pastures including medic, lucerne and clover pastures.	2 to 3 trifoliate leaves onwards		Use a spraying oil at appropriate rate.
SALVAGE SPRAY			
Cereals: Wheat, Barley, Oats, Triticale, Cereal rye	Flowering (anthesis) to early dough (Zadoks 61-83)		
Pastures: Lucerne, Clover, Medics	Advanced seedlings or re-growth after cutting or grazing		

Pastures: Lucerne, Clover, Medics	Adv or re	ranced seedlings e-growth after ing or grazing		
TABLE 2B WEE			BLE 2A CROPS	
WEED	Up to Leaf No.	Up to Plant size (cm)	RATE g/ha	CRITICAL COMMENTS
Amsinckia (Yellow burrweed)	or 10 leaf	10 cm diameter		
Ball mustard Buchan weed	6 leaf 5 cm diameter 8 leaf 10 cm diameter		25 + spray oil or wetter Lucerne and/or clover only 25 + wetter + 2,4-DB (500g/L)	
			1.5–2.5L/ha Grazing lucerne only 50 + spray oil or wetter	Use the 50 g/ha rate in grazing lucerne only and apply from 4 trifoliate leaves onwards. DO NOT apply at 50 g/ha to lucerne used for seed production.
Calepina (White ball mustard)	8 leaf	10 cm diameter	25 + spray oil or wetter	
Capeweed	4 leaf	10 cm diameter	25 + spray oil or wetter + bromoxynil (200g/L) 700mL/ha or 25 + wetter + diuron (500g/L)	Optimum results are obtained in a competitive pasture. For best results follow up with moderate grazing two weeks after application. In pasture, spray as soon as possible after the autumn break. Larger plants and any affected by stress or grazing prior
Charlock	8 leaf	10 cm diameter	100 mL/ha 25 + spray oil or wetter	to treatment may re-grow and flower. Spray as soon as possible after the autumn break. Larger plants and any affected by stress or grazing prior
Cotula (WA only)	4 leaf	10 cm diameter	25 + spray oil or wetter	to treatment may re-grow and flower. Use a spray oil or a wetting agent at appropriate rate.
Doublegee (Spiny emex)	4 leaf	10 cm diameter	25 + wetter + diuron (500g/L) 100mL/ha	Optimum results are obtained in a competitive pasture. For best results follow up with moderate grazing two
	6 leaf	15cm diameter	25 + spray oil or wetter + bromoxynil (200g/L) 700 mL/ha or 25 + wetter + 2,4-DB (500g/L) 1.5-2. L/ha or 25 + wetter + diuron (500g/L) 1L/ha for Mature lucerne only	weeks after application. In pasture, spray as soon as possible after the autumn break. Larger plants and any affected by stress or grazing prior to treatment may re-grow and flower. Use spray oil or wetter with a 4Farmers Flumetsulam 800 WG Herbicide + bromoxynil tank mixture. Only use a wetter with 4Farmers Flumetsulam 800 WG Herbicide + 2,4-DB or 4Farmers Flumetsulam 800 WG Herbicide+ diuron tank mixes.
Dwarf marigold (Poverty weed)	10 leaf	15 cm high	15 + spray oil or wetter	
Fat hen	15 leaf	20cm high	Spring/summer pasture and lucerne only 25 + spray oil or wetter	Spring and summer pasture and lucerne application only
E and the second	0.15-6	O and discussion	Grazing lucerne only 50 + spray oil or wetter	Use the 50g/ha rate in grazing lucerne only and apply from 4 trifoliate leaves onwards. DO NOT apply at 50g/ha to lucerne used for seed production.
Fumitory Hedge mustard,	6 leaf 8 leaf	8 cm diameter 10 cm diameter	25 + 300 mL/ha terbutryn (500 g/L) + wetter	Only use a wetter with 4Farmers Flumetsulam 800 WG Herbicide + terbutryn tank mixes. Note: This mixture is only approved for use in NSW, Vic and Tasmania on
Indian hedge mustard			25 + spray oil	pastures.
Lupins WA blue and	10 leaf 4 to 8 leaf	10 cm high	25 + spray oil or wetter	
narrow leaf lupins (WA only)			10 + spray oil or wetter	
Marshmallow (Small flowered mallow) seedlings	4 leaf	10 cm diameter	25 + spray oil or wetter or 15 + wetter + 700 mL/ha bromoxynil-MCPA (200 g/L-200 g/L) or 15 + wetter + 350 mL/ha	Add a wetter to MCPA/terbutryn or bromoxynil-MCPA mixes. Only use bromoxynil-MCPA and MCPA/terbutryn mixes in cereals that are NOT undersown with clovers, medics or lucerne.
			terbutryn (500g/L) + 700mL/ha MCPA amine (500g/L)	
	10 leaf	20cm diameter	25 + wetter + 2,4-DB (500g/L) 1.5-2.5L/ha	For older plants see Weeds Suppressed. Only use a wetter with 4Farmers Flumetsulam 800 WG Herbicide + 2,4-DB tank mixes.
Marshmallow (Small flowered mallow) seedlings	10 leaf	20cm diameter	Grazing lucerne only 50 + spray oil or wetter	Use the 50 g/ha rate in grazing lucerne only and apply from 4 trifoliate leaves onwards. DO NOT apply 50 g/ha to lucerne used for seed production.
Paterson's curse (Salvation Jane)	8 leaf	10 cm diameter	25 + spray oil or wetter + bromoxynil (200 g/L) 700 mL/ha or	In pasture, larger plants and any affected by stress or grazing prior to treatment may regrow and flower. For best results follow up with moderate grazing two
			25 + wetter + terbutryn (500g/L) 300mL/ha or	weeks after application. With terbutryn, apply in a minimum spray volume of 100 L/ha from the ground or 50 L/ha from aircraft. Only use a wetter with 4Farmers
			25 + wetter + diuron (500g/L) 1 L/ha for Mature lucerne only	Flumetsulam 800 WG Herbicide + diuron tank mixes.
Peppercress seedlings	8 leaf 10 leaf	10 cm diameter 15 cm diameter	25 + spray oil or wetter 25 + wetter + 2,4-DB (500g/L) 1.5-2.5L/ha	
Pheasant's eye Shepherd's purse Three-horned bedstraw	7 leaf 8 leaf 6 whorls	10 cm high 10 cm diameter 10 cm high	25 + spray oil or wetter	
Turnip weed	8 leaf 12 leaf	5 cm diameter	15 + spray oil or wetter 25 + spray oil or wetter	
Volunteer canola	8 leaf	10 cm diameter	25 + spray oil or wetter	
Ward's weed Wild radish	6 leaf	15cm diameter	25 + spray oil or wetter +	When conditions at spraying are less than ideal
			bromoxynil (200g/L) 700mL/ha or 25 + wetter + MCPA amine (500g/L) 500mL/ha or 25 + wetter + diuron (500g/L) 1L/ha for Mature lucerne only	(see RESTRAINTS above), or when the crop is not competitive, some radish plants may survive to flower and set viable seed. DO NOT use MCPA amine in cereals undersown with clover, medics or lucerne. In clover DO NOT use diuron. In lucerne DO NOT use MCPA. In medics DO NOT
Wild radish (cereals)	6 leaf	15cm diameter	15 + wetter + 700 mL/ha bromoxynil- MCPA (200 g/L- 200 g/L) or 15 + spray oil or wetter +	use MCPA. Add spray oil or wetter to 4Farmers Flumetsulam 800 WG Herbicide mixes with MCPA amine and a wetter to 4Farmers Flumetsulam 800 WG Herbicide + MCPA/terbutryn or 4Farmers Flumetsulam 800 WG
			15 + spray oil or wetter + 700 mL/ha MCPA amine (500 g/L) or 15 + wetter + 700 mL/ha MCPA amine (500 g/L) + 350 mL/ha	Herbicide + bromoxynil/MCPA mixes. DO NOT use MCPA amine or MCPA amine + terbutryn in cereals undersown with clover, medics or lucerne.
Wild turnip	10 leaf	10 cm	terbutryn (500 g/L)	
Wireweed	10 leaf	diameter 15 cm diameter	25 + spray oil or wetter Pasture and lucerne only 25 + wetter + 2,4-DB (500g/L)	Undersown clovers and lucerne, spring and summer sown pasture and lucerne crops only.
		GIGITIGI GI	25 + Wetter + 2,4-DB (500g/L) 1.5-2.5 L/ha	pastas and ideoffic crops offig.

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TABLE 2C WEEDS SUPPRESSED IN TABLE 2A CROPS

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	WEED GROWTH STAGE						
WEED	Up to Leaf No. or	Up to Plant size (cm)	RATE g/ha	CRITICAL COMMENTS			
Buchan weed	8 leaf	10 cm diameter	25 + spray oil or wetter	Only use a wetter with 4Farmers Flumetsulam 800 WG Herbicide + 2,4-DB tank mixes.			
Deadnettle	6 leaf	5 cm diameter	25 + wetter + 2,4-DB (500 g/L) 1.5-2.5 L/ha				
Doublegee	4 leaf	10 cm diameter	25 + spray oil or wetter	Use the 50 g/ha rate in grazing lucerne only and apply			
(Spiny emex)	6 leaf	15 cm diameter	Grazing lucerne only 50 + spray oil or wetter	from 4 trifoliate leaves onwards. DO NOT apply at 50 g/ha to lucerne intended for seed production.			
Marshmallow (Small flowered mallow)	5-8 leaf	10 cm diameter		 Only use a wetter with 4Farmers Flumetsulam 800 WC Herbicide + 2,4-DB tank mixes. 			
New Zealand spinach	4 leaf	5 cm diameter	25 + spray oil or wetter				
Paterson's curse (Salvation Jane)	8 leaf	10 cm diameter					
Peppercress	10 leaf	15 cm diameter	25 + spray oil or wetter				
Stagger weed	6 leaf	5 cm diameter	25 + spray oil or wetter + 2,4-DB (500g/L) 1.5-2.5L/ha				
Wild radish	4 leaf	5 cm diameter	25 + spray oil or wetter				

TABLE 3 SALVAGE SPRAY IN WHEAT, BARLEY, OATS, TRITICALE, CEREAL RYE, PASTURES, LUCERNE, **CLOVER AND MEDICS**

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WEED	WEED GROWTH STAGE	RATE g/ha	CRITICAL COMMENTS		
Wild radish Turnip weed	Early flowering of the youngest weeds to early pod	25 + spray oil or wetter	Use spray oil or wetter at appropriate rates. For prevention of wild radish and turnip weed seed set, apply a minimum spray volume of 100L/ha from the ground or 50L/ha from aircraft.		
	formation of the oldest weeds		Some re-growth may occur when wet conditions prevail after treatment. Do not use this technique if you have already applied a Group B herbicide to the crop or pasture this season. Only use this salvage technique with 4Farmers Flumetsulam 800 WG Herbicide once per cropping cycle to minimize the development of herbicide resistance. If you suspect herbicide resistance in broad leaved weeds do not use this technique. DO NOT use a salvage spray in pastures for seed production. WARNING: Weeds that have not started to flower at application time may not be controlled by the salvage spray technique. For wild radish, time treatment to coincide with green, soft pods prior to embryo maturation in seeds. Squeeze pod between finger nails to see if any green/white seeds are present. Best time to treat is before seeds are visible.		

TABLE 4 AGRICULTURAL NON-CROP AREAS

WEED	WEED GROWTH STAGE	RATE	CRITICAL COMMENTS
Caltrop, Capeweed, Marshmallow (Small flowered mallow) (suppression), Paterson's curse (Salvation Jane), Wild radish	Rosette stage prior to running up to flower	25 g/100 L	Apply to actively growing rosettes. To ensure complete coverage, spray to the point of runoff. Use spray oil at appropriate rate.

TABLE 5A SEED CROPS (TASMANIA ONLY): SUBTERRANEAN CLOVER, RED CLOVER, WHITE CLOVER, ARROWLEAF CLOVER, LUCERNE AND CHICORY

CROP	GROWTH STAGES	CROP TOLERANCE	SPRAY ADDITIVES/TANK MIXES
Seed crops of	1 to 3 trifoliate leaves	DO NOT apply to lucerne or clover	Use a spray oil or wetter at appropriate rate.
Subterranean clover,	onwards	seed crops less than 8 weeks	In clover and lucerne 4Farmers Flumetsulam 800 WG
Red clover, White		before flowering. DO NOT apply	Herbicide may be tank mixed with 2,4-DB and/or
clover, Arrowleaf clover,		at 40g/ha to lucerne intended for	bromoxynil at their respective label rates for complete
Lucerne, Chicory		seed production.	control of suppressed weeds.

TABLE 5B WEEDS CONTROLLED OR SUPPRESSED IN TABLE 5A CROPS

WEED	WEED GROWTH STAGE	RATE g/ha	CRITICAL COMMENTS
WEEDS CONTROLLED			
Charlock	Up to 3½ leaf stage	25 + spray oil or wetter	Use spray oil or wetter at appropriate rates.
Fat hen, Lesser swinecress, Mustards, Shepherd's purse, Wild radish, Wild turnip	Beyond 3½ leaf stage and up to 10 leaf stage	40 + spray oil or wetter	
WEEDS SUPPRESSED			
Capeweed, Chickweed, Fumitory, Spurrey, Wireweed	Beyond 3½ leaf stage and up to 10 leaf stage	40 + spray oil or wetter	In clover and lucerne, seedlings of these weeds will be suppressed with 4Farmers Flumetsulam 800 WG Herbicide alone. In clover and lucerne, 4Farmers Flumetsulam 800 WG Herbicide may be tank mixed with 2,4-DB and/or bromoxynil at their respective label rates for complete control of suppressed weeds. Only use a wetting agent at 200 mL/100 L with these tank mixes.

TABLE 6A SOYBEANS, LUCERNE, MAIZE AND PEANUTS

CROP	GROWTH STAGES	APPLICATION METHODS	SPRAY ADDITIVES/TANK MIXES	CROP TOLERANCE
Maize	Post-plant pre- emergent (PPPE)	Apply 4Farmers Flumetsulam 800 WG Herbicide after planting and before emergence of crop and weeds. Apply to moist soil only.	May be tank mixed with pendimethalin.	
	Post-emergent Up to 8 leaf stage		Apply with spray oil at appropriate rate or with a 100% concentrate non-ionic wetter at 200 mL/100 L spray volume.	Some transitory crop yellowing and height
Soybean	Pre-plant Incorporated (PPI)	Incorporate into the soil within 4 hours by making two passes in opposite directions using a combine with trailing harrows or similar equipment, to ensure thorough incorporation.	May be tank mixed with trifluralin or pendimethalin.	suppression should be expected but yields will be unaffected.
	Incorporated by Sowing (IBS)	Ensure the planting operation is done within 4 hours of application, using a combine with trailing harrows or similar equipment, to ensure thorough incorporation.	May be tank mixed with trifluralin or pendimethalin.	
	Post-plant Pre- emergent (PPPE)	Apply 4Farmers Flumetsulam 800 WG Herbicide after planting and before emergence of crop and weeds. Apply to moist soil only.	May be tank mixed with pendimethalin.	
Lucerne	Post-emergent Up to 6 trifoliate leaf stage		DO NOT apply at 50g/ha to lucerne intended for seed production. Apply with spray oil at appropriate rate or	
Peanuts	Post-emergent Up to 6 leaf stage		with a 100% concentrate non-ionic wetter at 200 mL/100 L spray volume.	

TABLE 6B WEEDS CONTROLLED OR SUPPRESSED IN TABLE 6A CROPS

WEED	WEED GROWTH STAGE	RATE g/ha	CRITICAL COMMENTS	
WEEDS CONTROLLED				
Annual ragweed, Boggrabri weed, Fat hen, Wild radish (IBS and PPPE only)	Pre-emergent	25 or 50	WEED CONTROL: Minimum spray volume 150L/ha for optimum	
Caltrop, Fat hen, Turnip weed, Wild radish	Post-emergent Up to 4 leaf	25 or 50 + spray oil or wetter	results. In pre-emergent situations use the higher rate for longer soil residual effect and better suppression of	
WEEDS SUPPRESSED				
Black pigweed, Bladder ketmia, Caltrop, Cobbler's-pegs	Pre-emergent	25 to 50	more tolerant weeds (see weeds suppressed). In post-emergent situations use 25g/ha on weeds up to 2 leaf stage and 50g/ha on larger weeds up	
Annual ground cherry, Anoda weed, Bladder ketmia, Boggabri weed, Fierce thornapple (Qld only). Red pigweed, Wild gooseberry	Post-emergent Up to 4 leaf	25 to 50 + spray oil or wetter	to 4 leaf stage and where more residual control is required.	

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

HARVESTING WITHHOLDING PERIODS

Chickpeas, field peas, lentils, maize, peanuts and soybeans:

Winter cereals: NOT REQUIRED WHEN USED AS DIRECTED. DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION

GRAZING/STOCK FOOD WITHHOLDING PERIODS

Chickpeas, field peas, lentils, peanuts, soybeans, Popany vetch: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 4 WEEKS AFTER APPLICATION

Barley, cereal rye, oats, triticale, wheat, grass pastures: DO NOT GRAZE FOR 3 DAYS AFTER APPLICATION DO NOT CUT FOR STOCK FOOD OR HARVEST FOR SEED FOR 4 WEEKS AFTER APPLICATION

Maize: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION

Clover, fenugreek, lathyrus, lucerne, medic, serradella: DO NOT GRAZE OR CUT FOR STOCK FOOD OR HARVEST FOR SEED FOR

3 DAYS AFTER APPLICATION

EXPORT OF LIVESTOCK

When 4Farmers Flumetsulam 800 WG Herbicide is used as directed and the above WHPs for grazing and cutting for stock food are observed, livestock fed treated commodities are considered acceptable to slaughter for export. However, export requirements are subject to change. Consult your exporter for updated information about specific export market requirements before feeding treated animal feeds to livestock

MINIMUM RECROPPING PERIODS:

Cereal rye, medics, triticale, wheat, maize, soybeans: May be planted at any time after application of 4Farmers Flumetsulam 800 WG Herbicide. Barley, chickpeas, clover, field peas, lucerne, oats and peanuts: Allow 3 months to elapse after application before sowing these crops.

Canola, cotton, faba beans, fenugreek, lathyrus, lentils, lupins, serradella, sorghum, sunflowers, Popany vetch: On deep soils (with no impermeable sub-horizon), cotton, sorghum and sunflowers may be planted 3 months after application of 4Farmers Flumetsulam 800 WG Herbicide. Canola, faba beans and lupins are more sensitive and may be planted 9 months after application of 4Farmers Flumetsulam 800 WG Herbicide. On shallow, duplex, low organic matter soils with an impermeable sub-horizon within the root zone (30 cm deep or less), these plants should NOT be planted until 2 years after application of 4Farmers Flumetsulam 800 WG Herbicide.

GENERAL INSTRUCTIONS

Quarter fill the spray tank and add the required amount of 4Farmers Flumetsulam 800 WG Herbicide. Add the remaining water with the agitator running. Add spray oil or wetting agent last (if used). Maintain agitation during spraying.

Only mix sufficient spray solution for immediate use and avoid storing.

When tank mixing: 4Farmers Flumetsulam 800 WG Herbicide should be added to the tank first, followed by wettable powders or other dry flowable formulations, suspension concentrates (flowables), aqueous concentrates, emulsifiable concentrates and then add spray oil or wetting agent last

APPLICATION

Apply 4Farmers Flumetsulam 800 WG Herbicide in 50 to 150 litres of water per hectare, through accurately calibrated boom sprayer.

For aircraft application apply 4Farmers Flumetsulam 800 WG Herbicide in no less than 30L/ha of water through accurately calibrated equipment. The product should be applied by an accurately calibrated ground rig or aircraft delivering medium quality spray based on BCPC specifications and in accordance with ASAE standard S-572.

Best results are achieved where applications are made on warm (greater than 5°C), sunny days applying more than 50 L/ha of total spray volume (preferably more than 75 L/ha) and where spray coverage is maximized.

COMPATIBILITY

Always allow 7 days between application of a grass herbicide and 4Farmers Flumetsulam 800 WG Herbicide in chickpeas and field peas. In lentils, adjuvant, broadleaf or grass herbicide, insecticide and foliar fertilizer mixes may result in transient height reduction, crop discolouration and delayed flowering, although yields are normally unaffected. However, stress conditions after application (eg. frost, drought) may lengthen the time needed for lentils to recover and in years where a dry spring occurs, yields may be suppressed.

4Farmers Flumetsulam 800 WG Herbicide is compatible with the following:

Adjuvants

Uptake Spraying Oil, 4Farmers Speedy Spray Adjuvant, 4Farmers Wetter 1000

Broadleaf herbicides

Atrazine, Basagran® M60 Herbicide, bromoxynil, 2,4-DB, diflufenican (lentils and field peas only), diflufencan + bromoxynil, diuron (liquid or wettable granule), clopyralid, MCPA amine, MCPA ester, MCPA sodium salt, metsulfuron, imazethapyr, fluroxypyr, pendimethalin, terbutryn, Ospray Unleash Herbicide, trifluralin.

Diclofop-methyl (ryegrass only), Motsa® Herbicide (lentils only), paraquat, clethodim (lentils only), simazine, cloquintocet-mexyl + clodinafoppropargyl, haloxyfop, fenoxaprop-p-ethyl (wild oats only).

Insecticides

Dimethoate, esfenvalerate (lentils only), chlorpyrifos.

Fungicides (lentils only) Carbendazim, chlorothalonil, macozeb. Foliar fertilizers

Broadacre zinc (lentils only) ® Registered Trademarks.

CLEANING SPRAY EQUIPMENT

After using 4Farmers Flumetsulam 800 WG Herbicide, empty the tank completely and drain the whole system. Thoroughly wash inside the tank using a pressure hose. Drain the tank and clean any filters in the tank, pump, lines and nozzles

To rinse:

After cleaning the tank as above, quarter fill the tank with clean water and circulate through the pump, lines, hoses and nozzles. Drain and repeat

To decontaminate:

Before spraying sensitive crops (which include canola, cotton, faba beans, lupins, sorghum and sunflowers), wash the tank and rinse the system as above. Quarter fill the tank and add an alkali detergent (eg. SURF®, Cold Water SURF Concentrate®, Dynamo Matic Concentrate®, OMO® or DRIVE® at 500 mL/100 L of water or the powder equivalent at 500 g/100 L) and circulate through the system for at least 15 minutes. Drain the whole system. Remove filters and nozzles and clean them separately. Finally flush the whole system with clean water and allow to drain. Chlorine based cleaners are not recommended. Nufarm Tank Cleaner® is not recommended.

Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto unused land away from desirable plants and watercourses

RESISTANT WEED WARNING

HERBICIDE GROUP

4Farmers Flumetsulam 800 WG Herbicide is a broadleaf herbicide with no ryegrass activity and is a member of the triazolopyrimidine sulfonanilide (sulfonamide) group of herbicides. The product has the acetolactate synthase (ALS) inhibitor mode of action. For weed resistance management the product is a Group B herbicide. Some naturally occurring weed biotypes resistant to the product and other Group B herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are

These resistant weeds will not be controlled by this product or other Group B herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, 4 Farmers Australia Pty Ltd accepts no liability for any losses that may result from the failure of the product to control resistant weeds. Strategies to minimize the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant, local Department of Agriculture, or local 4Farmers representative

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Refer to MINIMUM RECROPPING PERIODS for crop rotation information. Crops susceptible to 4Farmers Flumetsulam 800 WG Herbicide include canola, cotton, faba beans, lupins, sorghum and sunflowers.

DO NOT flood irrigate any treated crop or pasture for 48 hours after application. Where other types of irrigation are used, for example sprinklers, DO NOT irrigate to the point of runoff for at least 48 hours after application.

DO NOT apply to waterlogged soils or if heavy rain is expected within 48 hours of application.

DANGEROUS TO AQUATIC PLANTS AND SUSCEPTIBLE CROPS. DO NOT contaminate dams, waterways or drains with the product or its containers.

DO NOT apply under weather conditions, such as dead calm or excessive wind, or from spraying equipment producing small droplets that may cause spray to drift onto adjacent areas, particularly wetlands, waterbodies, susceptible crops or land to be planted with susceptible crops.

PROTECTION OF LIVESTOCK

DO NOT graze or cut treated crops for stock food except as specified under withholding periods.

Poisonous plants may become more palatable after spraying, therefore livestock should be kept out of the area until the plants have died down

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 securely locked, dry, cool, well-ventilated place, out of direct sunlight. DO NOT store near food, feedstuffs, fertilizers or seed. DO NOT dispose of any undiluted chemical on-site. When the container is empty, shake any residual material into the spray tank.

Shred and bury empty packaging in a local authority landfill. If no landfill is available, bury the packaging below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty packaging should not be burnt

SMALL SPILL MANAGEMENT

Sweep up material and contain in a refuse vessel for disposal in the same manner as for containers (see STORAGE AND DISPOSAL section).

SAFETY DIRECTIONS KEEP OUT OF REACH OF CHILDREN

Product will irritate eyes. When handling granules avoid contact with eyes. If product in eyes, wash out immediately with water. Wash hands

FIRST AID

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

SAFETY DATA SHEET

For further information please refer to the Safety Data Sheet. For a copy visit our website at www.4farmers.com.au

EXCLUSION OF LIABILITY

4Farmers Australia Pty Ltd and/or its affiliates ("4Farmers") 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 4Farmer's skill or judgement in purchasing or using the same and every person dealing with this product does so at his own risk absolutely No representative of 4Farmers Australia Pty Ltd has any authority to add to or alter these conditions.

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In a Transport Emergency Dial 000 Police or Fire Brigade	Special Poisons Advice: 13 11 26
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