

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool well ventilated area. **DO NOT** store for prolonged periods in direct sunlight.

For plastic containers:

Triple or preferably pressure rinse containers before disposal. Add rinsings to the 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 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. Empty containers and products should not be burnt.

For plastic bags:

Rinse bags before disposal. Add rinsings to the spray tank. **DO NOT** dispose of undiluted chemicals on site. 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. Empty containers and products should not be burnt.

SMALL SPILL MANAGEMENT

DO NOT touch or walk through spilled material. Wear a face shield or goggles, overalls buttoned to neck and wrist, chemical resistant gloves and footwear. Stop leak when safe to do so. Dam area and prevent entry into waterways and drains.

Small spills/leaks: Absorb with material such as sand, soil or sawdust. Collect spilled product and place in sealable container for disposal. Spill residues may be cleaned using water and detergent. Contain and absorb wash water for disposal. Absorb and collect washings and place in the same sealable container for disposal. Dam the area of large spills and report them to Imtrade Australia Pty Ltd.

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

IMTRADE FLUMETSULAM 800 WG HERBICIDE

ACTIVE CONSTITUENTS: 800 g/kg FLUMETSULAM

GROUP 2 HERBICIDE

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-emergence control of certain broadleaf weeds in Maize and Soybeans as specified in the Directions for Use table.

Important: Read the attached Leaflet before use.

SAFETY DIRECTIONS

Will irritate the eyes. When handling the granules avoid contact with eyes. If product in eyes, wash it out immediately with water. Wash hands after use.

FIRST AID

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

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 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: 69628/100972

GROUP

2

FORM

WG

CONTENTS

1KG-25KG



Batch No.
DOM:



17 Ocean St, Kwinana Beach WA 6167
08 9419 0333 | www.imtrade.com.au

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IMTRADE FLUMETSULAM 800 WG HERBICIDE

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

APVMA Approval No. 69628/100972

Imtrade Australia Pty Ltd
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17 Ocean Street, Kwinana Western Australia 6167
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Web: www.imtrade.com.au

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 may result.

DO NOT apply post-emergence treatments 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, LENTILS, FENUGREEK, LATHYRUS, VETCH (POPANY ONLY) AND SERRADELLA

DO NOT apply to crops affected by disease or by previous herbicide treatment (e.g. triazines or sulfonylureas).

DIRECTIONS FOR USE

Crop	Growth Stages	Crop Tolerance	Spray Additives/Tank Mixes
Chickpeas	4-6 branches (no later than 6 weeks after emergence)	Imtrade 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 Imtrade Flumetsulam 800 WG Herbicide when using on chickpeas and field peas.
Field Peas	2 to 6 nodes (no later than 6 weeks after emergence)	Imtrade 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 crop emergence.	Imtrade Flumetsulam 800 WG Herbicide may cause transient height reduction, crop discolouration and delayed flowering, although yields are normally unaffected. However, stress conditions after application (e.g. frost, drought, nutrient deficiency, disease) may lengthen the time needed for lentils to recover. In seasons where a dry spring occurs,	Uptake® Spraying Oil at 500 mL/100L or BS-1000® at 200 mL/100L may be applied with Imtrade Flumetsulam 800 WG Herbicide to lentils.
Fenugreek, Lathyrus, Vetch (Popany only)	3 fully expanded leaves onwards		Use Imtrade Flumetsulam 800 WG Herbicide or Imtrade Flumetsulam 800 WG Herbicide plus a wetter only. Tank mixtures with other herbicides are not recommended.
Serradella	3 fully expanded leaves onwards		Uptake® Spraying Oil at 500 mL/100L or BS-1000® at 200 mL/100L may be applied with Imtrade Flumetsulam 800 WG Herbicide for serradella.

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

Weed	Weed Growth Stage		Rate g/ha	Critical Comments
	Up to Leaf No. or	Up to Plant size		
CONTROLLED				
Amsinckia (Yellow Burrweed)	10 leaf	10cm diameter	25	Where recommended, use of either a wetter or Uptake® Spraying Oil with Imtrade Wipewide Herbicide will provide better weed control.
Ball Mustard	6 leaf	5cm diameter		
Charlock	8 leaf	10cm diameter		
Indian Hedge Mustard	6 leaf	5cm 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.
Lupins	10 leaf	10cm high		
Marshmallow (Small flowered mallow)	4 leaf	10cm diameter		
Pheasant's Eye	8 leaf	10cm diameter		
Shepherd's Purse	8 leaf	10cm diameter		
Three-horned Bedstraw	6 whorls	10cm high		
Turnip Weed	8 leaf	5cm diameter		
Volunteer Canola	8 leaf	10cm diameter		
Ward's Weed	8 leaf	10cm diameter		
Wild Turnip	6 leaf	5cm diameter		
SUPPRESSED				
Capeweed (WA only)	4 leaf	10cm diameter	25	Under ideal growing conditions, Imtrade Flumetsulam 800 WG Herbicide will provide useful suppression of capeweed and doublegee. Best results will be achieved when a pre-emergence herbicide has already been used.
Doublegee (Spiny Emex) (WA only)	4 leaf	10cm diameter		
Wild Radish	4 leaf	5cm diameter		
				Under ideal growing conditions, Imtrade 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 will occur with treatment in conditions of >5°C with bright sunny conditions and use of higher water rates of 75-100L/ha with fine-medium quality spray droplets to get excellent spray coverage.

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

Crop	Growth Stages	Crop Tolerance	Spray Additives/ Tank Mixes
Wheat	3 leaf until start of jointing (Zadoks 13-31)		Always apply with Uptake® Spraying Oil at 500 mL/100L or a 100% concentrate non-ionic wetting agent such as BS-1000® at 200 mL/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 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.	Use only with a wetting agent such as BS-1000® when either applying Imtrade Flumetsulam 800 WG Herbicide alone or with partner products in barley and oats.
Stirling Barley (WA only)	Apply no earlier than Zadoks 31		
Triticale, Cereal Rye	Mid-tillering to start of jointing (Zadoks 23-31)		Always apply with Uptake® Spraying Oil at 500 mL/100L or a 100% concentrate non-ionic wetting agent such as BS-1000® at 200 mL/100L.
Medic, Lucerne and Clover seed crops, and Pastures including: Barrel Medic, Snail Medic, Spineless Burr Medic, Subterranean Clover, White Clover	2 to 3 trifoliolate leaves onwards	Medic, Lucerne and Subterranean Clover (Sub-clover) – When Imtrade Flumetsulam 800 WG Herbicide is applied at 25g/ha + Uptake® 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 Uptake® Spraying Oil at 500 mL/100L or a 100% concentrate non-ionic wetting agent such as BS-1000® at 200 mL/100L. In Lucerne – DO NOT use with MCPA. In Medics – DO NOT use with MCPA.
Grazing Lucerne – high rate	4 trifoliolate 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 trifoliolate leaves onwards (See Crop Tolerance)		Use Uptake® Spraying Oil at 500 mL/100L.

SALVAGE SPRAY

Crop	Growth Stages	Crop Tolerance	Spray Additives/Tank Mixes
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		

TABLE 2B – WEEDS CONTROLLED IN TABLE 2A CROPS

Weed	Weed Growth Stage		Rate g/ha	Critical Comments
	Up to Leaf No. or	Up to Plant size		
Amsinckia (Yellow Burrweed)	10 leaf	10cm diameter	25 + Uptake® Spraying Oil or wetter	
Ball Mustard	6 leaf	5cm diameter		
Buchan Weed	8 leaf	10cm diameter	Lucerne and/or Clover only 25 + wetter + 2,4-DB (500g/L) 1.5-2.5L/ha	Use the 50g/ha rate in grazing lucerne only and apply from 4 trifoliolate leaves onwards. DO NOT apply at 50g/ha to lucerne used for seed production.
			Grazing Lucerne only 50 + Uptake® Spraying Oil or wetter	
Calepina (White Ball Mustard)	8 leaf	10cm diameter	25 + Uptake® Spraying Oil or wetter	
Capeweed	4 leaf	10cm diameter	25 + Uptake® Spraying Oil + Bromoxynil (200g/L) 700 mL/ha	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 to treatment may re-grow and flower.
Charlock	8 leaf	10cm diameter	25 + Uptake® Spraying Oil or wetter	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.
Cotula (WA only)	4 leaf	10cm diameter	25 + Uptake® Spraying Oil or wetter	Use Uptake® Spraying Oil at 500 mL/100L or wetting agent such as BS-1000® at 200 mL/100L.

TABLE 2B – WEEDS CONTROLLED IN TABLE 2A CROPS (Continued)

Weed	Weed Growth Stage		Rate g/ha	Critical Comments
	Up to Leaf No. or	Up to Plant size		
Doublegee (Spiny Emex)	6 leaf	15cm diameter	25 + Uptake® Spraying Oil + Bromoxynil (200g/L) 700 mL/ha or 25 + wetter + 2,4-DB (500g/L) 1.5-2.5L/ha	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 to treatment may re-grow and flower. Imtrade Flumetsulam 800 WG Herbicide + Bromoxynil tank mixture - use Uptake®Spraying Oil or a wetter.
Dwarf Marigold (Poverty Weed)	10 leaf	15cm diameter	15 + Uptake® Spraying Oil or wetter	
Fat Hen	15 leaf	20cm diameter	Spring/Summer pasture and lucerne only 25 + Uptake® Spraying Oil or wetter	Spring and Summer pasture and lucerne application only.
			Grazing Lucerne only 50 + Uptake® Spraying Oil or wetter	Use the 50g/ha rate in grazing lucerne only and apply from 4 trifoliolate leaves onwards. DO NOT apply at 50g/ha to lucerne used for seed production.
Fumitory	6 leaf	8cm diameter	25 + 300 mL/ha Terbutryn (500g/L) + wetter	Only use a wetter with Imtrade Flumetsulam 800 WG Herbicide + Terbutryn tank mixes. Note: This mixture is only approved for use in NSW, Vic and Tasmania on pastures.
Hedge Mustard, Indian Hedge Mustard	8 leaf	10cm diameter	25 + Uptake® Spraying Oil	
Lupins	10 leaf	10cm high	25 + Uptake® Spraying Oil or wetter	
WA Blue and Narrow Leaf Lupins (WA only)	4-8 leaf		10 + Uptake® Spraying Oil or wetter	

TABLE 2B – WEEDS CONTROLLED IN TABLE 2A CROPS (Continued)

Weed	Weed Growth Stage		Rate g/ha	Critical Comments
	Up to Leaf No. or	Up to Plant size		
Marshmallow (Small flowered mallow) seedlings	4 leaf	10cm diameter	25 + Uptake® Spraying Oil or wetter or 15 + wetter + 700 mL/ha Bromoxynil-MCPA (200g/L + 200g/L) or 15 + wetter + 350 mL/ha Terbutryn (500g/L) + 700 mL/ha MCPA Amine (500g/L)	Add a wetter to MCPA/Terbutryn or Bromoxynil-MCPA mixes. Only use Bromoxynil/MCPA and Terbutryn + MCPA mixes in cereals that are NOT undersown with clovers, medics or Lucerne.
	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 Imtrade Flumetsulam 800 WG Herbicide + 2,4-DB tank mixes.
			Grazing Lucerne only 50 + Uptake® Spraying Oil or wetter	Use the 50g/ha rate in grazing lucerne only and apply from 4 trifoliolate leaves onwards. DO NOT apply at 50g/ha to lucerne used for seed production.
Paterson's Curse (Salvation Jane)	8 leaf	10cm diameter	25 + Uptake® Spraying Oil + Bromoxynil (200g/L) 700 mL/ha or 25 + wetter + 300 mL/ha Terbutryn (500g/L)	In pasture, larger plants and any affected by stress or grazing prior to treatment may re-grow and flower. For best results follow up with moderate grazing two weeks after application. With Terbutryn, apply in a minimum spray volume of 100L/ha from the ground or 50L/ha from aircraft.
Peppercress Seedlings	8 leaf	10cm diameter	25 + Uptake® Spraying Oil or wetter	
	10 leaf	15cm diameter	25 + wetter + 2,4-DB (500g/L) 1.5-2.5L/ha	

TABLE 2B – WEEDS CONTROLLED IN TABLE 2A CROPS (Continued)

Weed	Weed Growth Stage		Rate g/ha	Critical Comments
	Up to Leaf No. or	Up to Plant size		
Pheasant's Eye	7 leaf	10cm diameter	25 + Uptake® Spraying Oil or wetter	
Shepherd's Purse	8 leaf	10cm diameter		
Three-horned Bedstraw	6 whorls	10cm high		
Turnip Weed	8 leaf	5cm diameter	15 + Uptake® Spraying Oil or wetter	
	12 leaf	10cm diameter	25 + Uptake® Spraying Oil or wetter	
Volunteer Canola	8 leaf	10cm diameter	25 + Uptake® Spraying Oil or wetter	
Ward's Weed				
Wild Radish	6 leaf	15cm diameter	25 + Uptake® Spraying Oil or wetter + Bromoxynil (200g/L) 700 mL/ha or 25 + wetter + MCPA Amine (500g/L) 500 mL/ha	When conditions at spraying are less than ideal (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 Lucerne – DO NOT use with MCPA.
Wild Radish (Cereals)	6 leaf	15cm diameter	15 + wetter + 700 mL/ha Bromoxynil/MCPA (200g/L + 200g/L) or 15 + Uptake® Spraying Oil or wetter + 700 mL/ha MCPA Amine (500g/L) or 15 + wetter + 700 mL/ha MCPA Amine (500g/L) + 350 mL/ha Terbutryn (500g/L)	Imtrade Flumetsulam 800 WG Herbicide mixes with MCPA Amine tank mixes – use Uptake® Spraying Oil or wetter. Imtrade Flumetsulam 800 WG Herbicide + MCPA/Terbutryn or Imtrade Flumetsulam 800 WG Herbicide + Bromoxynil/MCPA mixes – only use a wetter. DO NOT use MCPA Amine or MCPA Amine + Terbutryn in cereals undersown with clover, medics or lucerne.

TABLE 2B – WEEDS CONTROLLED IN TABLE 2A CROPS (Continued)

Weed	Weed Growth Stage		Rate g/ha	Critical Comments
	Up to Leaf No. or	Up to Plant size		
Wild Turnip	10 leaf	10cm diameter	25 + Uptake® Spraying Oil or wetter	
Wireweed	10 leaf	15cm diameter	Pasture and lucerne only 25 + wetter + 2,4-DB (500g/L) 1.5-2.5L/ha	Undersown clovers and lucerne, spring and summer sown pasture and lucerne crops only.

TABLE 2C – WEEDS SUPPRESSED IN TABLE 2A CROPS

Weed	Weed Growth Stage		Rate g/ha	Critical Comments
	Up to Leaf No. or	Up to Plant size		
Buchan Weed	8 leaf	10cm diameter	25 + Uptake® Spraying Oil or wetter	Imtrade Flumetsulam 800 WG Herbicide + 2,4-DB tank mixes - only use a wetter.
Deadnettle	6 leaf	5cm diameter	25 + wetter + 2,4-DB (500g/L) 1.5-2.5L/ha	
Doublegee (Spiny Emex)	4 leaf	10cm diameter	25 + Uptake® Spraying Oil or wetter	Use the 50g/ha rate in grazing lucerne only and apply from 4 trifoliolate leaves onwards. DO NOT apply at 50g/ha to lucerne used for seed production.
	6 leaf	15cm diameter	Grazing Lucerne only 50 + Uptake® Spraying Oil or wetter	
Marshmallow (Small flowered mallow)	5-8 leaf	10cm diameter	25 + Uptake® Spraying Oil or wetter	Imtrade Flumetsulam 800 WG Herbicide + 2,4-DB tank mixes - only use a wetter.
New Zealand Spinach	4 leaf	5cm diameter		
Paterson's Curse (Salvation Jane)	8 leaf	10cm diameter		
Peppercress	10 leaf	15cm diameter		
Stagger Weed	6 leaf	5cm diameter	25 + wetter + 2,4-DB (500g/L) 1.5-2.5L/ha	
Wild Radish	4 leaf	5cm diameter	25 + Uptake® Spraying Oil or wetter	

TABLE 3 – SALVAGE SPRAY IN WHEAT, BARLEY, OATS, TRITICALE, CEREAL RYE, MIXED GRASS/LEGUME PASTURES, LUCERNE, CLOVER AND MEDICS

Weed	Weed Growth Stage	Rate g/ha	Critical Comments
Wild Radish, Turnip Weed	Early flowering of the youngest weeds to early pod formation of the oldest weeds.	25 + Uptake® Spraying Oil or wetter	<p>Use Uptake® Spraying Oil at 500 mL/100L or wetting agent such as BS-1000 at 200 mL/100L. For prevention of Wild Radish and Turnip Weed seed set, apply in a minimum spray volume of 100L/ha from the ground to 50L/ha from aircraft.</p> <p>Some re-growth may occur when wet conditions prevail after treatment. DO NOT use this technique if you have already applied a Group 2 Herbicide to the crop or pasture this season. Only use this salvage spray technique with Imtrade Flumetsulam 800 WG Herbicide once per cropping cycle to minimise the development of herbicide resistance. If you suspect herbicide resistance in broadleaved weeds DO NOT use this technique.</p> <p>DO NOT use Imtrade Flumetsulam 800 WG Herbicide salvage spray in pastures for seed production.</p> <p>WARNING: Weeds that have not started to flower at application time may not be controlled by the salvage spray technique.</p> <p>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.</p>

TABLE 4 – AGRICULTURAL NON-CROP AREAS

Weed	Weed Growth Stage	Rate g/ha	Critical Comments
Caltrop, Capeweed, Marshmallow (Small flowered mallow) (suppression) Paterson's Curse (Salvation Jane) Wild Radish	Rosette stage prior to running up to flower.	Spot Spray 25g/100L	Apply to actively growing rosettes. To ensure complete coverage, spray to the point of runoff. Use Uptake® Spraying Oil at 500 mL/100L.

TABLE 5A – SEED CROPS (Tasmania only): SUBTERRANEAN CLOVER, RED CLOVER, WHITE CLOVER, ARROWLEAF CLOVER AND LUCERNE

Crop	Weed Growth Stage	Crop Tolerance	Critical Comments
Seed crops of Subterranean Clover, Red Clover, White Clover, Arrowleaf Clover, Lucerne	1 to 3 trifoliate leaves onwards.	DO NOT apply to lucerne or clover seed crops less than 8 weeks before flowering. DO NOT apply at 40g/ha to lucerne intended for seed production.	Use Uptake® Spraying Oil at 500 mL/100L or a wetting agent such as BS-1000® at 200 mL/100L. In Clover and Lucerne , Imtrade 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.

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 + Uptake® Spraying Oil or wetter	Use Uptake® Spraying Oil at 500 mL/100L or a wetting agent such as BS-1000® at 200 mL/100L.
Fat Hen, Lesser Swinecress, Mustards, Shepherd's Purse, Wild Radish, Wild Turnip	Beyond 3½ leaf stage and up to 10 leaf stage	40 + Uptake® Spraying Oil or wetter	
WEEDS SUPPRESSED			
Capeweed, Chickweed, Furnitory, Spurrey, Wireweed	Beyond 3½ leaf stage and up to 10 leaf stage	40 + Uptake® Spraying Oil or wetter	In Clover and Lucerne , seedlings of these weeds will be suppressed with Imtrade Flumetsulam 800 WG Herbicide alone. In Clover and Lucerne , Imtrade 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/100L with these tank mixes.

TABLE 6A – SOYBEANS, LUCERNE, MAIZE AND PEANUTS

Crop	Growth Stages	Application Methods	Spray Additives/ Tank Mixed	Crop Tolerance
Maize	Post-plant pre-emergence (PPPE)	Apply Imtrade Flumetsulam 800 WG Herbicide after planting and before emergence of crop and weeds. Apply to moist soil only.	May be tank mixed with Pendimethalin.	Some transitory crop yellowing and height suppression should be expected but yields will be unaffected.
	Post-emergent Up to 8 leaf stage		Apply with Uptake® Spraying Oil at 500 mL/100L spray volume or with a 100% concentrate non-ionic wetter such as BS-1000® at 200 mL/100.	
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 600g/L or Pendimethalin.	
	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 600g/L or Pendimethalin.	
	Post-plant Pre-emergent (PPPE)	Apply Imtrade Flumetsulam 800 WG Herbicide after planting and before emergence of crop and weeds. Apply to moist soil only.		
Lucerne	Post-emergent Up to 6 trifoliolate leaf stage		DO NOT apply at 50g/ha to lucerne intended for seed production. Apply with Uptake® Spraying Oil at 500 mL/100L spray volume or with a 100% concentrate non-ionic wetter such as BS-1000® at 200 mL/100.	
Peanuts	Post-emergent Up to 6 leaf stage			

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

Weed	Weed Growth Stage	Rate g/ha	Critical Comments
WEEDS CONTROLLED			
Annual Ragweed Boggabri Weed Fat Hen Wild Radish (IBS and PPPE only)	Pre-emergent	25 or 50	<p>WEED CONTROL: Minimum spray volume 150L/ha for optimum results.</p> <p>In pre-emergent situations use the higher rate for longer soil residual effect and better suppression of more tolerant weeds (see WEEDS SUPPRESSED).</p> <p>In post-emergent situations use 25g/ha on weeds up to 2 leaf stage and 50g/ha on larger weeds up to 4 leaf stage and where more residual control is required.</p>
Caltrop Fat Hen Turnip Weed Wild Radish	Post-emergent Up to 4 leaf	25 or 50 + Uptake® Spraying Oil or wetter	
WEEDS SUPPRESSED			
Black Pigweed Bladder Ketmia	Pre-emergent	25 or 50	<p>WEED CONTROL: Minimum spray volume 150L/ha for optimum results.</p> <p>In pre-emergent situations use the higher rate for longer soil residual effect and better suppression of more tolerant weeds (see WEEDS SUPPRESSED).</p> <p>In post-emergent situations use 25g/ha on weeds up to 2 leaf stage and 50g/ha on larger weeds up to 4 leaf stage and where more residual control is required.</p>
Caltrop Cobbler's Pegs Annual Ground Cherry Anoda Weed Bladder Ketmia Boggabri Weed Fierce Thornapple (Qld only) Red Pigweed Wild Gooseberry	Post-emergent Up to 4 leaf	25 or 50 + Uptake® Spraying Oil or wetter	

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:

NOT REQUIRED WHEN USED AS DIRECTED.

Winter Cereals (Barley, Cereal Rye, Oats, Triticale and Wheat):

DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION.

GRAZING/STOCK FOOD WITHHOLDING PERIODS

Chickpeas, Field Peas, Lentils, Peanuts, Soybeans:

DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 4 WEEKS AFTER APPLICATION.

Popany Vetch, Winter Cereals (Barley, Cereal Rye, Oats, Triticale and 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, Clover, Medic, Serradella:

DO NOT GRAZE OR CUT FOR STOCK FOOD OR HARVEST FOR SEED FOR 3 DAYS AFTER APPLICATION.

EXPORT OF LIVESTOCK

When Imtrade Flumetsulam 800 WG Herbicide is used as directed and the above WHP's 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.

GENERAL INSTRUCTIONS

MINIMUM RECROPPING PERIODS

Cereal Rye, Medics, Triticale, Wheat, Maize or Soybeans: May be planted at any time after application of Imtrade 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 Imtrade Flumetsulam 800 WG Herbicide. Canola, Faba Beans and Lupins are more sensitive and may be planted 9 months after application of Imtrade Flumetsulam 800 WG Herbicide.

On shallow, duplex, low organic matter soils with an impermeable sub-horizon within the root zone (30cm deep or less), these crops should **NOT** be planted until 2 years after application of Imtrade Flumetsulam 800 WG Herbicide.

MIXING

Spray Rigs with pre-mix hoppers –

For spray rigs that have a drop down chemical induction hopper, **three-quarter fill this hopper** with water and have the rinsing sprinkler on. Add Imtrade Flumetsulam 800 WG Herbicide and when the granules are dispersed, transfer this batch into the quarter filled main tank. Continue to rinse the hopper until the entire product has washed through.

Spray Rigs with limited bypass agitation –

When Imtrade Flumetsulam 800 WG Herbicide is added to the spray tank for spray rigs that have limited bypass agitation, then as for most granulated formulations, re-disperse Imtrade Flumetsulam 800 WG Herbicide in a bucket before adding them to the main tank. Add Imtrade Flumetsulam 800 WG Herbicide while stirring until the granules have dispersed.

Tank mixes – this order should be followed:

1. Quarter fill the spray tank and agitate.
2. Add Imtrade Flumetsulam 800 WG Herbicide using the mixing procedure above.
3. Add Imtrade Haloxyfop 520 EC Herbicide if to be used.
4. Half fill the spray tank.
5. Add wettable powders, dry flowables, suspension concentrates, soluble liquids and/or emulsifiable concentrates.
6. Add Uptake® Spraying Oil when half full.
7. Other adjuvants add according to their label.
8. Add water to fill the spray tank.

APPLICATION

- **Ground rig application:** Apply Imtrade Flumetsulam 800 WG Herbicide in 50 to 150L of water per hectare through an accurately calibrated boom sprayer.
- **Aircraft application:** Apply Imtrade Flumetsulam 800 WG Herbicide in no less than 30L/ha of water through accurately calibrated equipment.
- Imtrade Flumetsulam 800 WG Herbicide 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.
- **DO NOT** apply Imtrade Flumetsulam 800 WG Herbicide under conditions likely to cause drift onto waterways, susceptible crops or land to be planted with susceptible crops. Unsuitable conditions are dead calm, excessive wind and/or small droplets.
- Best results are achieved where applications are made on warm (greater than 5°C), sunny days applying more than 50L/ha of total spray volume (preferably more than 75L/ha) and where spray coverage is maximised.

COMPATIBILITY

- Always allow 7 days between application of a grass herbicide and Imtrade Flumetsulam 800 WG Herbicide in Chickpeas and Field Peas.
- In Lentils, adjuvant, broadleaf or grass herbicide, insecticide and foliar fertiliser tank mixes may result in transient height reduction, crop discolouration and delayed flowering, although yields are normally unaffected. However, stress conditions after application (e.g. frost, drought) may lengthen the time needed for lentils to recover and in years where a dry spring occurs, yields may be suppressed.
- Imtrade Flumetsulam 800 WG Herbicide is compatible with the following:

Adjuvants

Uptake® Spraying Oil, Hasten® Spray Adjuvant, BS 1000®

Broadleaf Herbicides

Imtrade Amaze 700 WG Herbicide, Atrazine, Basagran® M60 Herbicide, Bromoxynil, 2,4-DB, Clopyralid 300g/L, Imtrade Commander Cereal Herbicide, Imtrade Cyclone 330 EC Herbicide, Diflufenican (lentils and field peas only), Jaguar®, Diuron (liquid or wettable granule), MCPA Amine, MCPA Ester, MCPA Sodium Salt, Metsulfuron, Imtrade Rally 750 SG Herbicide, Starane® Advanced Herbicide, Terbutryn, Trifluralin 600g/L.

Grassweed Herbicides

Clethodim (Lentils only), Clodinafop, Diclofop-Methyl 375g/L (Ryegrass only), Fenoxaprop-p-ethyl Herbicide (Wild Oats only), Imtrade Haloxyfop 520 EC Herbicide, Paraquat, Simazine, Trifluralin 600g/L, Tristar® Advance Selective Herbicide.

Insecticides

Chlorpyrifos 500g/L, Dimethoate, Esfenvalerate (Lentils only), Omethoate.

Fungicides (Lentils only)

Carbendazim, Chlorothalonil, Mancozeb 750g/kg

Foliar Fertilisers

Broadacre Zinc (Lentils only)

CLEANING SPRAY EQUIPMENT

After using Imtrade 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 the rinsing procedure twice.
- **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 (e.g. SURF®, Cold Water SURF® Concentrate, Dynamo Matic Concentrate®, OMO® or DRIVE® at 500 mL/100L of water or the powder equivalent at 500g/100L) and circulate throughout the system for at least 15 minutes. Drain the whole system. Remove filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain. Chlorine based cleaners are 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 WEEDS WARNING

GROUP 2 HERBICIDE

Imtrade Flumetsulam 800 WG Herbicide is a broadleaf herbicide with no ryegrass activity and is a member of the triazolopyrimidine sulfonanilide (sulphonamide) group of herbicides. Imtrade Flumetsulam 800 WG Herbicide has the acetolactate synthase (ALS) inhibitor mode of action. For weed resistance management, Imtrade Flumetsulam 800 WG Herbicide is a Group 2 Herbicide. Some naturally occurring weed biotypes resistant to Imtrade Flumetsulam 800 WG Herbicide and other Group 2 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 Imtrade Flumetsulam 800 WG Herbicide or other Group 2 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 Imtrade Flumetsulam 800 WG Herbicide to control resistant weeds.

Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant, local Department of Agriculture, or local Imtrade Australia Pty Ltd representative.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Refer to MINIMUM RE-CROPPING PERIODS for crop rotation information. Crops susceptible to Imtrade Flumetsulam 800 WG Herbicide include but are not limited to 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 (i.e. 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 Imtrade Wipewide Herbicide 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, watercourses, 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

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.

Store in the closed, original container in a dry, cool well ventilated area. **DO NOT** store for prolonged periods in direct sunlight.

For plastic containers:

Triple or preferably pressure rinse containers before disposal. Add rinsings to the 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 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. Empty containers and products should **NOT** be burnt.

For plastic bags:

Rinse bags before disposal. Add rinsings to the spray tank. **DO NOT** dispose of undiluted chemicals on site. 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. Empty containers and products should **NOT** be burnt.

SMALL SPILL MANAGEMENT

DO NOT touch or walk through spilled material. Wear a face shield or goggles, overalls buttoned to neck and wrist, chemical resistant gloves and footwear. Stop leak when safe to do so. Dam area and prevent entry into waterways and drains.

Small spills/leaks: Absorb with material such as sand, soil or sawdust. Collect spilled product and place in sealable container for disposal. Spill residues may be cleaned using water and detergent. Contain and absorb wash water for disposal. Absorb and collect washings and place in the same sealable container for disposal. Dam the area of large spills and report them to Imtrade Australia Pty Ltd.

SAFETY DIRECTIONS

Will irritate the eyes. When handling the granules avoid contact with eyes. If product in eyes, wash it out immediately with water. Wash hands after use.

FIRST AID

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

Additional GHS Hazard & Precautionary Statements

- Keep out of reach of children;
- **DO NOT** get in eyes, on skin, or on clothing;
- Use personal protective equipment as required;
- **IF SWALLOWED:** Rinse mouth. Do **NOT** induce vomiting;
- **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing;
- If eye irritation persists: Get medical advice;
- In case of fire, use carbon dioxide, dry chemical, foam, water fog.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet which can be obtained from your supplier or 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: 69628/100972