

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



Broadstrike*

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-emergence control of certain broadleaf weeds in maize and soybeans as specified in the Directions For Use.

Important: Read the attached booklet before use

CONTAINS 5 x 100 g MEASURE PACKS WHICH IT IS ILLEGAL TO SELL SEPARATELY.

Dow AgroSciences Australia Limited A.B.N. 24 003 771 659

20 Rodborough Road

Frenchs Forest NSW 2086

www.dowagrosciences.com.au

CUSTOMER SERVICE TOLL FREE 1-800 700 096

900-008729 / 00138305

Net Contents: 500 grams

NRA Approval No: 40714/

GMID:

*Trademark of Dow AgroSciences

Label Back Panel

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 carton 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 and product 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

- Product 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.
(Ph: 13 11 26)

MATERIAL SAFETY DATA SHEET

- Additional information is listed on the Material Safety Data Sheet for Broadstrike Herbicide which is available from Dow AgroSciences on request. Call Customer Service Toll Free on 1-800 700 096

NOTICE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. No warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of the product contrary to label instructions or under off-label permits not endorsed by Dow AgroSciences, or under abnormal conditions.

EMERGENCY RESPONSE

(All Hours)
RING FROM ANYWHERE IN AUSTRALIA
1-800 033 882
(LOCAL CALL FEE ONLY)

IN A TRANSPORT EMERGENCY ONLY
DIAL 000
FOR POLICE OR FIRE BRIGADE

Barcode
for stock
identification

D.O.M./Batch No.:

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900-008730 / 00138306

DIRECTIONS FOR USE

RESTRAINTS:

DO NOT apply to plants which may be stressed (not actively growing) due to prolonged periods of extreme cold or heat, 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 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.

CHICKPEAS, FIELD PEAS, LENTILS only

CROP	CROP GROWTH STAGE	WEED	WEED GROWTH STAGE	RATE g/ha	CRITICAL COMMENTS
Weeds controlled:					
Chickpeas	4 - 6 branches (no later than 6 weeks after emergence)	Amsinckia (Yellow burrweed) (NSW, SA, Vic only)	Up to 10 leaf and up to 10 cm diameter	25	<p>SPRAY ADDITIVES/TANK MIXES: DO NOT use any spray additives, or tank mix any other chemicals with Broadstrike when using on these crops.</p> <p>CROP TOLERANCE: DO NOT apply to crops affected by disease or from the effects of previous herbicide treatment (eg triazines or sulfonylureas).</p> <p>Field peas Broadstrike may cause transient crop yellowing and height suppression. On light soils in dry seasons flowering may be delayed resulting in yield suppression.</p> <p>Chickpeas Broadstrike usually causes some transient crop yellowing and can cause reddish discolouration and height suppression. Flowering may be delayed resulting in yield suppression.</p>
Field peas	2 to 6 nodes (no later than 6 weeks after emergence)	Ball mustard (SA, Vic only)	Up to 6 leaf and up to 5 cm diameter		
		Indian hedge mustard (NSW, SA, Vic only)			
Lentils	4-8 fully expanded leaves	Lupins (NSW, SA, Vic, WA only)	Up to 10 leaf and up to 10 cm tall		
		Three-horned bedstraw (SA, Vic only)	Up to 6 whorls and up to 10 cm height		
		Turnip weed	Up to 8 leaf and up to 5 cm diameter		
		Wild turnip (NSW, SA, Vic, WA only)	Up to 6 leaf and up to 5 cm diameter		
Weeds suppressed:					
Chickpeas	4 - 6 branches (no later than 6 weeks after emergence)	Capeweed (WA only) (see Critical Comments)	Up to 4 leaf and up to 10 cm diameter	25	<p>WEED CONTROL:</p> <p>Capeweed and Doublegee Under ideal growing conditions, Broadstrike will provide useful suppression. Best results will be achieved when a pre-emergence herbicide has already been used.</p> <p>Wild radish Under ideal growing conditions, Broadstrike without an adjuvant will give a biomass reduction of 50% - 70% of wild radish. Surviving plants may flower and set viable seed.</p>
Field peas	2 to 6 nodes (no later than 6 weeks after emergence)	Doublegee (Spiny Emex) (WA only) (see Critical Comments)			
		Wild radish (see Critical Comments)	Up to 4 leaf and up to 5 cm diameter		
Lentils	4-8 fully expanded leaves				

WHEAT, BARLEY, OATS, TRITICALE, CEREAL RYE (INCLUDING THOSE UNDERSOWN WITH CLOVER, LUCERNE OR MEDICS), CLOVER, FENUGREEK, LATHYRUS, LUCERNE, MEDIC, SERRADELLA AND VETCH (POPANY only) SEED CROPS AND PASTURES:

CROP	CROP GROWTH STAGE	WEED	WEED GROWTH STAGE	RATE g/ha	CRITICAL COMMENTS
Weeds controlled:					
Wheat, barley, oats, triticale, cereal rye, (and these cereals undersown with clover, medics or lucerne)	Wheat: 3 leaf until start of jointing (Zadoks 13-31)	Amsinckia (Yellow burrweed) (NSW, SA, Vic, WA only)	Up to 10 leaf and up to 10 cm diameter	25 + Uptake or wetter	<p>SPRAYING OILS/WETTERS: Wheat, Triticale, Cereal Rye, Medic, Lucerne and Clover Always apply with Uptake* Spraying Oil at 500 mL/100 L or a 100% concentrate non-ionic wetting agent such as BS-1000® at 100 mL/100 L. Barley and Oats, Use only with a wetting agent such as BS-1000.</p> <p>CROP TOLERANCE: Barley and Oats Use only with a wetting agent such as BS-1000.</p> <p>Transient stem shortening and crop discolouration may occur, although yields are normally unaffected. However, 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.</p> <p>Stirling barley (WA only) Apply no earlier than Zadoks 31. Medic, lucerne and sub-clover 25 g/ha + Uptake 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.</p> <p>WEED CONTROL: Buchan weed Use the 50 g/ha rate in grazing lucerne only and apply from 4 trifoliolate leaves onwards. DO NOT apply at 50 g/ha to lucerne used for seed production.</p>
		Ball mustard (SA, Vic only)	Up to 6 leaf and up to 5 cm diameter		
	Barley, Oats, Triticale, Cereal Rye: Mid-tillering to start of jointing (Zadoks 23-31) (see Crop Tolerance under Critical Comments)	Buchan weed (NSW, Qld, SA, Vic only)	Up to 8 leaf and up to 10 cm diameter	25 + Uptake or wetter + 2,4-DB (500 g/L) 1.5-2.5 L/ha	
		Buchan weed (NSW, QLD only)		<p style="text-align: center;">Lucerne only 50 g + Uptake or wetter (See Critical Comments)</p>	
Medic, lucerne and clover seed crops, and pastures, including barrel medic, snail medic, spineless burr medic, Subterranean clover and white clover	2 to 3 trifoliolate leaves onwards (see Crop Tolerance under Critical Comments).	Calepina (White ball mustard) (SA only)		25 + Uptake or wetter	<p>Capeweed and Doublegee (Spiny Emex) in pasture <i>Optimum results are obtained in a competitive pasture.</i> Two weeks after application, follow up with moderate grazing for best results.</p> <p>Spray as soon as possible after the autumn break. Larger plants and any affected by stress or grazing prior to treatment may regrow and flower.</p> <p>Cotula Use Uptake spraying oil at 500mL/100L or wetting agent such as BS 1000 at 100mL/100L</p>
		Capeweed (WA only)	Up to 4 leaf and up to 10 cm diameter	25 + wetter + diuron (500 g/L) 100 mL/ha (see Critical Comments)	
		Charlock	Up to 8 leaf and up to 10 cm diameter	25 + Uptake or wetter	
		Cotula (WA only)	Up to 4 leaf and up to 10 cm diameter	25 + Uptake or wetter	
		Doublegee (Spiny Emex)	Up to 4 leaf and up to 10 cm diameter (SA, Vic, WA only)	25 + wetter + diuron (500 g/L) 100 mL/ha (see Critical Comments)	
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CROP	CROP GROWTH STAGE	WEED	WEED GROWTH STAGE	RATE g/ha	CRITICAL COMMENTS
Weeds controlled:					
			Up to 6 leaf and up to 15 cm diameter (NSW, QLD only)	25 + Uptake or wetter + bromoxynil (200 g/L) 700 mL/ha or 2,4-DB (500g/L) 1.5 - 2.5 L/ha [or diuron (500 g/L) 1 L/ha for mature lucerne only]	Uptake or wetter with bromoxynil or 2,4-DB and wetter only with diuron.
		Dwarf marigold (poverty weed) (NSW, Qld only)	Up to 10 leaf and up to 15 cm height	15 + Uptake or wetter	<p>Fat hen Spring & summer pasture and lucerne application only. Use the 50 g/ha rate in grazing lucerne only and apply from 4 trifoliolate leaves onwards. DO NOT APPLY at 50 g/ha to lucerne intended for seed production.</p> <p>Marshmallow (small-flowered mallow) For older plants see Weeds Suppressed. Use the 50 g/ha rate in grazing lucerne only and apply from 4 trifoliolate leaves onwards. DO NOT apply at 50 g/ha to lucerne used for seed production.</p> <p>Paterson's curse In pasture, larger plants and any affected by stress or grazing prior to treatment may regrow and flower. Two weeks after application in pasture, follow up with moderate grazing for best results. With terbutryn apply in a minimum spray volume of 100 L/ha from the ground or 50 L/ha from aircraft.</p>
		Fat hen (NSW, Qld only) (see Critical Comments)		Up to 15 leaf and up to 20 cm height	
		Hedge mustard	Up to 8 leaf and up to 10 cm diameter	25 + Uptake or wetter	
		Indian hedge mustard			
		Lupins	Up to 10 leaf and up to 10 cm tall	25 + Uptake or wetter	
		W.A. blue and narrow leaf lupins (WA only)	4 to 8 leaf	10 + Uptake or wetter	
		Marshmallow (Small flowered mallow)	Up to 4 leaf and up to 10 cm diameter seedlings	25 + Uptake or wetter	
			Up to 10 leaf and up to 20 cm diameter seedlings (NSW, Qld only) (see Critical Comments)	25 + Uptake or wetter + 2,4-DB (500 g/L) 1.5-2.5 L/ha Lucerne only 50 + Uptake or wetter	
		Paterson's curse (Salvation Jane) (NSW only)	Up to 8 leaf and up to 10 cm diameter	25 + Uptake or wetter + bromoxynil (200 g/L) 700 mL/ha or terbutryn (500 g/L) 300 mL/ha [or diuron (500 g/L) 1L/ha for mature lucerne only]	
		Peppergrass	Up to 8 leaf and up to 10 cm diameter seedlings	25 + Uptake or wetter	
			Up to 10 leaf and up to 15 cm diameter seedlings (NSW, Qld only)	25 + Uptake or wetter + 2,4-DB (500 g/L) 1.5 - 2.5 L/ha	
		Pheasant's eye (SA only)	Up to 7 leaf and up to 10 cm height	25 + Uptake or wetter	
		Shepherd's purse	Up to 8 leaf and up to 10 cm diameter		
		Three-horned bedstraw (SA, Vic only)	Up to 6 whorls and up to 10 cm height		

CROP	CROP GROWTH STAGE	WEED	WEED GROWTH STAGE	RATE g/ha	CRITICAL COMMENTS
Weeds controlled:					
		Turnip weed	Up to 8 leaf and up to 5 cm diameter	15 + Uptake or wetter	<p>Wild radish When conditions at spraying are less than ideal (see Restraints), or when the crop is not competitive some radish plants survive to flower and set viable seed. In clover and medics, DO NOT use diuron. In lucerne, DO NOT use MCPA.</p> <p>Wireweed Spring & summer pasture and lucerne crops only.</p>
			Up to 12 leaf and up to 10 cm diameter	25 + Uptake or wetter	
		Volunteer canola	Up to 8 leaf and up to 10 cm diameter		
		Ward's weed (SA only)			
		Wild radish (NSW only)	Up to 6 leaf and up to 15 cm diameter	25 + Uptake or wetter + bromoxynil (200 g/L) 700 mL/ha or MCPA amine (500 g/L) 500 mL/ha [or diuron (500 g/L) 1L/ha for mature lucerne only] wetter only with diuron (see Critical Comments)	
		Wild turnip	Up to 10 leaf and up to 10 cm diameter	25 + Uptake or wetter	
		Wireweed	Up to 10 leaf and up to 15 cm diameter.	Pasture and lucerne only 25 + Uptake or wetter + 2,4-DB (500 g/L) 1.5-2.5L/ha (see Critical Comments)	
Fenugreek, lathyrus, serradella and vetch (Popany only) seed crops and pastures	3 fully expanded leaves onwards	All weeds above. Use Broadstrike or Broadstrike plus a wetter only. Tank mixtures with other herbicides are not recommended.			
Agricultural non-crop areas (fencelines, stock camps, stockyards), commercial areas and pastures including medic, lucerne and clover pastures	2 to 3 trifoliolate leaves onwards (see crop tolerance)	Capeweed, Marshmallow (Small flowered mallow) (suppression), Salvation Jane (Paterson's Curse), Wild radish	Rosette stage prior to running up to flower	Spotspray: 25g/100L	Apply to actively growing rosettes. To ensure complete coverage, spray to the point of runoff. Use Uptake Spraying Oil at 500mL/100L.

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CROP	CROP GROWTH STAGE	WEED	WEED GROWTH STAGE	RATE g/ha	CRITICAL COMMENTS
Weeds controlled:					
Salvage spray (NSW and Qld only) Cereals; wheat, barley, oats, triticale, cereal rye Pastures; Lucerne, clover and medics (see critical comments)	Cereals; Flowering (anthesis) to early dough (Zadoks, 61-83) Pasture; Advanced seedlings or regrowth after cutting or grazing	Wild radish Turnip weed	Early flowering to early pod formation	25+ Uptake or wetter	Salvage Spray - Cereal and Pastures For prevention of wild radish and turnip weed seed set, apply in a minimum spray volume of 100 L/ha from the ground or 50 L/ha from aircraft. Some regrowth 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 Broadstrike once per cropping cycle to minimise the development of herbicide resistance. If you suspect herbicide resistance in broadleaved weeds do not use this technique. DO NOT use a salvage spray in pastures for seed production.

CROP	CROP GROWTH STAGE	WEED	WEED GROWTH STAGE	RATE g/ha	CRITICAL COMMENTS	
Weeds suppressed:						
Wheat, barley, oats, triticale, cereal rye, (and these cereals undersown with clover, medics or lucerne)	Wheat: 3 leaf until start of jointing (Zadoks 13-31) Barley, Oats, Triticale, Cereal Rye Mid-tillering to start of jointing	Buchan Weed (NSW, Qld, SA, Vic only)	Up to 8 leaf and up to 10 cm diameter	25 +Uptake or wetter	Doublegee (Spiny emex) Use the 50 g/ha rate in grazing lucerne only and apply from 4 trifoliolate leaves onwards. DO NOT APPLY at 50 g/ha to lucerne intended for seed production.	
		Deadnettle (NSW, Qld only)	Up to 6 leaf and up to 5 cm diameter	25 + Uptake or wetter +2,4-DB (500 g/L) 1.5 - 2.5 L/ha		
		Doublegee (Spiny Emex)	Up to 4 leaf and up to 10 cm diameter	25 + Uptake or wetter		
	Up to 6 leaf and up to 15 cm diameter (NSW, Qld only)		Lucerne only 50 + Uptake or wetter (See Critical Comments)			
	Medic, lucerne and clover seed crops and pastures including barrel medic snail medic, spineless burr medic, subterranean clover and white clover.	2 to 3 trifoliolate leaves onwards see Crop Tolerance under Critical Weeds Comments in the Controlled Section	Marshmallow (Small flowered mallow)	5 to 8 leaf and up to 10 cm diameter, regrowth from established plants		25 + Uptake or wetter
			New Zealand Spinach (NSW, Qld only)	Up to 4 leaf and up to 5 cm diameter		
			Paterson's curse (Salvation Jane) (NSW, SA, Vic and WA only)	Up to 8 leaf and up to 10 cm diameter		
Peppergrass (NSW, Qld, SA, Vic only)			Up to 10 leaf and up to 15 cm diameter	25 + Uptake or wetter + 2,4-DB (500 g/L) 1.5 - 2.5 L/ha		
Stagger weed (NSW, Qld)			Up to 6 leaf and up to 5 cm diameter			
Wild radish	Up to 4 leaf and up to 5 cm diameter	25 + Uptake or wetter				
Fenugreek, lathyrus, serradella and vetch (Popany only)	3 fully expanded leaves onwards	All weeds above. Use Broadstrike or Broadstrike plus a wetter only. Tank mixtures with other herbicides are not recommended.				

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SEED CROPS (Tasmania only): SUBTERRANEAN CLOVER, RED CLOVER, WHITE CLOVER, ARROWLEAF CLOVER, LUCERNE

CROP	CROP GROWTH STAGE	WEED	WEED GROWTH STAGE	RATE g/ha	CRITICAL COMMENTS
Weeds controlled					
Seed crops of Subterranean clover, red clover, white clover, arrowleaf clover, lucerne	1 to 3 trifoliolate leaves onwards	Charlock Fat hen Lesser swinecress Mustards Shepherd's purse Wild radish Wild turnip (see Critical Comments for additional weeds which are suppressed only)	Up to 3½ leaf stage Beyond 3½ leaf stage and up to 10 leaf stage	25 + Uptake or wetter 40 + Uptake or wetter	<p>Lucerne and Clover DO NOT apply to lucerne seed crops less than 8 weeks before flowering. DO NOT apply at 40 g/ha to lucerne intended for seed production. SPRAYING OILS/WETTERS: Apply with Uptake Spraying Oil at 500 mL/100 L or a 100% concentrate non-ionic wetting agent such as BS-1000 at 100 mL/100 L.</p> <p>WEED CONTROL: In clover and lucerne the following seedling weeds will be suppressed with Broadstrike alone: Capeweed Chickweed Fumitory Spurrey Wireweed</p> <p>In clover and lucerne Broadstrike may be tank-mixed with 2,4-DB and/or bromoxynil at their respective label rates for complete control of suppressed weeds.</p>

SOYBEANS, LUCERNE, MAIZE and PEANUTS (NSW and Qld) only

CROP	CROP GROWTH STAGE	WEED	WEED GROWTH STAGE	RATE g/ha	CRITICAL COMMENTS
Weeds controlled:					
Maize Soybeans (see Critical Comments)	Pre-plant	Annual ragweed Boggabri weed Fat hen Wild radish (IBS & PPPE only)	Pre-emergent	25 or 50 Pre-Plant Incorporated (see Critical Comments)	<u>Pre-Plant Incorporated (PPI) - Soybeans only</u> May be tank mixed with trifluralin or pendimethalin. Incorporate into the soil within 4 hours by making two passes in opposite directions using a combine with trailing harrows or similar equipment.
				25 or 50 Incorporated By sowing (see Critical comments)	
	Post-plant pre-emergent			25 or 50 (see Critical Comments)	
Lucerne	Post-emergent Up to 6 trifoliolate leaf stage	Caltrop Fat hen Turnip weed Wild radish	Post-emergent Up to 4 leaf	25 or 50 + Uptake or wetter (see Critical Comments)	CROP TOLERANCE: <u>Soybeans (pre-emergent), Lucerne, Peanuts, Maize (post-emergent)</u> Some transitory crop yellowing and height suppression should be expected but yields will be unaffected. DO NOT apply at 50 g/ha to lucerne intended for seed production.
Maize	Post-emergent Up to 8 leaf stage				
Peanuts	Post-emergent Up to 6 leaf stage				
Weeds suppressed:					
Maize Soybeans (see Critical Comments)	Pre-plant	Black pigweed Bladder ketmia Caltrop Cobbler's-pegs	Pre-emergent	25 or 50 Pre-Plant Incorporated (see Critical Comments)	SPRAYING OIL/WETTERS (post emergent only): Apply with Uptake Spraying Oil at 500 mL/100 L spray volume or with a 100% concentrate non-ionic wetter such as BS 1000 at 100 mL/100L.
				25 or 50 Incorporated By Sowing (see Critical comments)	
	Post-plant pre-emergent			25 or 50 (see Critical Comments)	
Lucerne	Post-emergent Up to 6 trifoliolate leaf stage	Annual ground cherry Anoda weed Bladder ketmia Boggabri weed Fierce thornapple (Qld only) only Red Pigweed Wild gooseberry	Post-emergent Up to 4 leaf	25 or 50 + Uptake or wetter (see Critical Comments)	
Maize	Post-emergent Up to 8 leaf stage				
Peanuts	Post-emergent Up to 6 leaf stage				

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:

DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION

GRAZING/STOCKFOOD WITHHOLDING PERIODS

Chickpeas, field peas, lentils, peanuts, soybeans, vetch (Popany only):

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

Barley, cereal rye, oats, triticale, wheat:

DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 8 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, CUT FOR STOCK FOOD OR HARVEST FOR SEED FOR 3 DAYS AFTER APPLICATION

MINIMUM RECROPPING PERIODS:

Cereal rye, medics, triticale, wheat, maize, soybeans:

- May be planted at any time after application of Broadstrike.

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, vetch (popany only):

- On deep soils (with no impermeable sub-horizon), cotton, sorghum and sunflowers may be planted **3 months** after application of Broadstrike. Canola, faba beans and lupins are more sensitive and may be planted **9 months** after application of Broadstrike.
- On shallow, duplex, low organic matter soils with an impermeable sub-horizon within the root zone (30 cm deep or less), these crops should NOT be planted until **2 years** after application of Broadstrike.

GENERAL INSTRUCTIONS

MIXING

- Quarter fill the spray tank and add the required amount of Broadstrike herbicide. Add the remaining water with the agitator running. Add Uptake or the wetting agent last (if used). Maintain agitation during spraying.
- Only mix sufficient spray solution for immediate use and avoid storing.
- When tank-mixing: Broadstrike should be added to the tank first, followed by wettable powders or other dry flowable formulations, suspension concentrates (flowables), aqueous concentrates (eg. Lontrel* Herbicide), emulsifiable concentrates (eg. Verdict* Herbicide) and then add Uptake or wetting agent last (if used).

APPLICATION

- Apply Broadstrike in 50 to 150 litres of water per hectare, through an accurately calibrated boom sprayer.
- For aircraft application apply Broadstrike in no less than 30 L/ha of water through accurately calibrated equipment.
- The product should be applied by an accurately calibrated ground rig or aircraft delivering 200-300 micron droplets.
 - ◇ **DO NOT** apply Broadstrike 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.

Contact Dow AgroSciences for more information.

COMPATIBILITY

- Broadstrike is compatible with the following:

Broadleaf herbicides

atrazine	MCPA amine	Starane* 200 herbicide
Basagran®	MCPA ester	Stomp® 330E Herbicide
bromoxynil	MCPA sodium salt	terbutryn
2,4-DB	metsulfuron	Tordon* 242 Cereal Herbicide
diuron (liquid or wettable granule)	paraquat	trifluralin
Lontrel* herbicide	Spinnaker® Herbicide	Diflufenican (field peas only)

Caution: DO NOT mix Broadstrike with MCPA or 2,4-DB when Paterson's curse or doublegee are the target weeds as control may be reduced.

Grassweed herbicides

Verdict* Herbicide	Hoegrass® Selective Herbicide (ryegrass only)	simazine
Topik® 240 EC Selective Herbicide	Wildcat® Selective Herbicide (wild oats only)	Tristar® Selective Herbicide

Insecticides

Lorsban* Insecticides, dimethoate and omethoate.

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CLEANING SPRAY EQUIPMENT

After using Broadstrike, 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/100 L of water or the powder equivalent at 500 g/100L) and circulate throughout the system for at least fifteen 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. 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 water sources.

RESISTANT WEEDS WARNING

Mode of Action

GROUP B HERBICIDE

Broadstrike 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 ALS inhibitor 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 this product or other ALS inhibitor herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Dow AgroSciences accepts no liability for any losses that may result from the failure of the product 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 Dow AgroSciences representative.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

- Refer to MINIMUM RECROPPING PERIODS for crop rotation information.
- Crops susceptible to Broadstrike 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, 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

- 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 carton 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 and product 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

- Product 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. (Ph: 13 11 26)

MATERIAL SAFETY DATA SHEET

Additional information is listed on the Material Safety Data Sheet for Broadstrike Herbicide which is available from Dow AgroSciences on request. Call Customer Service Toll Free on 1-800 700 096

Water Soluble Bag Label

Broadstrike Herbicide

Active Constituent: 800 g/kg flumetsulam

Not to be sold separately.

Before use read all directions on the outer pack.

Water soluble packaging. Keep dry

NRA Approval No: 40714/