

POISON

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Nimble[®]

Herbicide

ACTIVE CONSTITUENTS: 250g/L BROMOXYNIL present as the OCTANOATE
25g/L DIFLUFENICAN

SOLVENTS: 409 g/L LIQUID HYRDOCARBONS
175 g/L N-METHYL-PYRROLIDONE

GROUP	C	F	HERBICIDES
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For the control of certain broadleaf weeds in winter cereals and pasture as specified in the Directions for Use table

CHEMINOVA AUSTRALIA PTY LTD

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CONTENTS: 5L, 10L, 20L, 110L

DIRECTIONS FOR USE

RESTRAINTS

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

DO NOT apply to crops under stress due to disease or insect damage.

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

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

DO NOT apply with crop oils (cereals only).

CROP	WEEDS CONTROLLED	WEED STAGE	RATE/ha	STATE	CRITICAL COMMENTS
Wheat, Barley, Triticale, Cereal Rye (including undersown with Clover and/or Lucerne) and these cover crops in Vineyards Pasture Clover and/or Lucerne based Pasture (newly sown or established) including cover crops in Vineyards	Wild Radish	Up to 2 leaf stage and not more than 60 mm in diameter and where weed density is less than 50 plants/m ²	350 mL	WA only	CROP STAGE: Cereals 2 leaf to fully tillered (Zadoks Z12-29) Optimum results are achieved when sprayed at 4-8 weeds post-sowing. Warning: Nimble may cause transient crop yellowing of cereals. (Refer to "Crop Tolerance" section of General Instructions). Clover and Lucerne Application is recommended prior to the 8th trifoliolate leaf stage. Application can be made from the 1st trifoliolate leaf stage in Qld, NSW, ACT and Vic only. In other States applications prior to the 3 leaf stage may result in crop damage if seedlings are under stress and in sandy soils. DO NOT apply to annual medics. Warning: Nimble may affect growth and seed set of some varieties of clover and Lucerne. (Refer to "Crop Tolerance" section of General Instructions). Cover Crops in Vineyards When using in vineyard situations, apply during vine dormancy only. Contact with vines must be avoided. Particular care should be taken if applied in late autumn or early spring, when vines may not be fully dormant. WEED STAGE: Apply from early post-emergence. APPLICATION: Apply when weeds are actively growing. Ensure thorough coverage of weeds. Where crop or weed density is high, increase water volume. In most situations the rate specified for each weed size will give satisfactory control. However, under certain conditions such as: <ul style="list-style-type: none"> • High crop and weed density • Late season germinations • Abnormal weed growth (including early flowering) • Higher rates of product (up to the maximum rate of application specified for that weed) may be required. <i>continued next page</i>
	Wild Mustard, Wild Radish	Up to 4 leaf stage and not more than 120 mm in diameter	500 mL	All States	
		Up to 6 leaf stage and not more than 150 mm in diameter	750 mL		
		Up to 8 leaf stage and not more than 180 mm in diameter	1.0 L		
	Canola (Rapeseed), Charlock, Turnip Weed, Wild Turnip	Up to 2 leaf stage and not more than 60 mm in diameter	500 mL		
		Up to 4 leaf stage and not more than 120 mm in diameter	750 mL		
			1.0 L		
	Shepherd's Purse	Up to 4 leaf stage and not more than 120 mm in diameter	500 mL		
			750 mL		
			1.0 L		
	Capeweed	Up to 4 leaf stage and not more than 120 mm in diameter	500 mL		
		Up to 6 leaf stage and not more than 150 mm in diameter	750 mL		
		Up to 8 leaf stage and not more than 180 mm in diameter	1.0 L		
	Corn Gromwell	Up to 4 leaf stage	500 mL		
		Up to 6 leaf stage	750 mL		
	Climbing Buckwheat	Up to 2 leaf stage	500 mL		
		Up to 4 leaf stage	750 mL		
		Up to 6 leaf stage	1.0 L		
	Deadnettle, Paterson's Curse (Salvation Jane), Rough Poppy	Up to 2 leaf stage	500 mL		
		Up to 4 leaf stage	750 mL		
Amsinckia					
Doublegee (Spiny Emex)	Up to 2 leaf stage	500 mL	Qld, NSW, ACT, Vic, Tas, WA only		
	Up to 4 leaf stage	750 mL	All States		

CROP	WEEDS CONTROLLED	WEED STAGE	RATE/ha	STATE	CRITICAL COMMENTS
Wheat, Barley, Triticale, Cereal Rye (including undersown with clover and/or Lucerne) and these cover crops in Vineyards	Chamomile, Common Peppergrass, Lesser Swinegrass, Purple Calandrinia (Mountain Sorrel), Tree Hogweed	Up to 4 leaf stage	1.1 L	All States	<p>Critical Comments continued from previous page</p> <p>Nimble will not effectively control:</p> <ul style="list-style-type: none"> • Regrowth of suppressed weeds • Transplanted weeds • Regrowth from rhizomes or roots • Weeds growing under stress from previous herbicide applications • Radish plants beyond rosette stage. <p>WILD RADISH</p> <p>Effective residual activity of this product may be reduced where:</p> <ul style="list-style-type: none"> • Rates lower than 1.0 L/ha are used • Dry conditions prevail • Poor coverage of the soil surface is achieved • Crop is grown in non-wetting sand • Soils have a high content of clay or organic matter. <p>VOLUNTEER LUPINS</p> <p>In some situations, the higher rate of 1.0 L/ha may be required to effectively suppress volunteer lupins at the 4 leaf stage.</p> <p># Nimble will suppress seedling dock but will not suppress regrowth from transplanted roots.</p>
	Fat Hen, Field Madder, Saffron Thistle, Variegated Thistle		1.0 L		
	Ox-tongue, Wireweed	Up to 2 leaf stage			
Pasture Clover and/or Lucerne based Pasture (newly sown or established) including cover crops in Vineyards – <i>continued</i>	Fireweed	Up to 4 leaf stage	500 mL	Qld, NSW, ACT, Vic, SA, WA, NT only	
	Common Cotula (Bird's Eye) Pheasants eye (Adonis)	Up to 4 leaf stage Greater than 4 leaf stage	560 mL 1.1 L	SA only	
Wheat, Barley, Triticale, Cereal Rye	Fumitory	2-6 leaf stage	350 + 200 mL/ha Salvation® (terbutryn (500 g/L))	WA only	
Wheat, Barley, Triticale, Cereal Rye (including undersown with Clover and/or Lucerne) and these cover crops in Vineyards	Suppression of the following Weeds				
	Dense-flower Fumitory	Up to 2 leaf stage	750 mL	All States	
		Up to 4 leaf stage	1.0 L		
	Chickweed, Common Sowthistle (Milk Thistle), Dock [#] , Hexham Scent (King Island Melilot), Prickly Lettuce, Scarlet Pimpernel, Skeleton Weed, Sorrel, Speedwell, Three-horned Bedstraw, Toad Rush				
	Volunteer Lupins		500 mL-1.0 L		
	Crassula (Stonecrop)	Up to 5 leaf stage	500 mL		
	Long Storksbill	Up to 4 leaf stage			
	Volunteer field peas	Up to 5 node stage	750 mL	All States	
	Ward's weed	Up to 5 leaf stage	1.0 L		
	Vetch	Up to 2 leaf stage		NSW, ACT only	
	Mouse-eared Chickweed			Qld only	
	Mexican Poppy			NSW, ACT only	
	Mintweed, Spoon cudweed	Up to 4 leaf stage		Qld only	
	New Zealand Spinach	Up to 2 leaf stage	750 mL	SA only	
	Cleavers	Up to 1 whorl stage	1.0 L		
	Ball mustard	Up to 4 leaf stage			
	Horehound	Pre-emergence			
Marshmallow	Up to 2 leaf stage				

CROP	WEEDS CONTROLLED	WEED STAGE	RATE/ha	STATE	CRITICAL COMMENTS
Wheat, Barley, Triticale, Cereal Rye	Wild Radish	Up to the 4 leaf stage and not more than 120 mm in diameter	350 mL plus 200 mL MCPA LVE (500 g/L)	WA only	Refer also to all Critical Comments for cereals above. DO NOT use this tank-mix if cereals are undersown with lucerne or annual medics. DO NOT use this tank-mix in vineyards Crop Stage Nimble 350 mL + MCPA LVE 200 mL: Apply from 3 leaf to fully tillered (Zadoks Z13 to Z30). Nimble 500 mL + MCPA LVE 200 mL: Apply from 3 leaf to fully tillered (Zadoks Z13 to Z30). Nimble 500 mL + MCPA LVE 400 mL: Apply from 5 leaf to fully tillered (Zadoks Z15 to Z30). Optimum results are achieved when sprayed at 4-8 weeks post sowing. Warning: Nimble Herbicide may cause transient crop yellowing of cereals. (Refer to "Crop Tolerance" section of General Instructions). Observe instructions also on MCPA LVE product label.
		Up to the 6 leaf stage and not more than 150 mm in diameter	500 mL plus 200 mL MCPA LVE (500 g/L)	All States	
		Up to the 8 leaf stage and not more than 180 mm in diameter	500 mL plus 400 mL MCPA LVE (500 g/L)		

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

WITHHOLDING PERIOD

Harvest

CEREALS, GRAPES: NOT REQUIRED WHEN USED AS DIRECTED.

Grazing

PASTURE, CEREALS: DO NOT GRAZE OR CUT FOR STOCK FOOD WITHIN 14 DAYS AFTER APPLICATION.

GENERAL INSTRUCTIONS

This product is a post-emergence contact herbicide, which may provide residual control of Wild Radish up to 4 weeks after application.

Apply Nimble immediately after mixing. DO NOT allow to stand in the spray tank overnight.

Optimum results will be obtained if good soil moisture exists at and after application and weeds are not stressed.

Some pre-emergence herbicides, such as atrazine, can cause stress to certain crops resulting in an increase in crop damage when using this product. Crops which are particularly sensitive are lucerne and subterranean clover.

RESISTANT WEEDS WARNING

GROUP	C	F	HERBICIDE
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Nimble Herbicide is a member of the nitrile and nicotinilide groups of herbicides. Nimble is an inhibitor of photosynthesis at photosystem II and carotenoid biosynthesis. For weed resistance management, Nimble is a Group C and F herbicide. Some naturally occurring weed biotypes resistant to Nimble and other Group C and F herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Nimble or other Group C and F herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Cheminova Australia Pty Ltd accepts no liability for any losses that may result from the failure of Nimble to control resistant weeds.

TEMPERATURE WARNING

DO NOT apply Nimble if frosts are imminent. Frost causes stress on crops and weeds and could result in increased crop effects and/or decreased weed control. To ensure good results Nimble should only be applied once the weeds and crop are no longer under stress from the frost conditions.

Avoid application when maximum daily temperatures above 20°C occur, or are likely to occur for a few days after application, as increased crop damage may result.

CROP TOLERANCE

Cereals

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

Lucerne

Warning: The tolerance of lucerne varieties to Nimble can vary with rate of application, soil type, crop health, stage of growth and degree of moisture and temperature stress. Nimble may result in transient crop yellowing and suppression of growth with a resultant initial reduction in dry matter. For this reason we recommend application prior to the 8 trifoliolate leaf stage. However, under normal growing conditions subsequent growth and seed yield should not be affected. Crop damage may be increased if rates higher than 500 mL/ha are used and in areas where spray overlapping has occurred. Under normal growing conditions, the following lucerne have shown acceptable levels of foliage tolerance to Nimble applied at 500 mL/ha: Hunter River, Nova and Dekalb 185.

Varieties not listed should be tested before using Nimble over large areas.

Consult your local Cheminova representative for advice on specific varieties.

Subterranean Clover

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

The variety Junee has shown increased sensitivity to Nimble so care should be taken if this variety is part of the pasture sward. The effects of Nimble on Subterranean Clover seed yield have been tested on the following varieties.

Under normal growing conditions they show acceptable levels of tolerance to Nimble applied at 500 mL/ha. However, higher rates may reduce seed yield under conditions of low weed pressure: Denmark, Goulburn, Larissa, Nungarin, Seaton Park, Trikkala and Woogenellup.

Varieties not listed should be tested before using Nimble over large areas.

Consult your local Cheminova representative for advice on specific varieties.

Other Clovers

Warning: The tolerance of clover varieties to Nimble can vary with rate of application, soil type, crop health, stage of growth and degree of moisture and temperature stress. Nimble may result in transient crop yellowing and suppression of growth with a resultant initial reduction in dry matter. For this reason we recommend application prior to the 8 trifoliolate leaf stage. However, under normal growing conditions subsequent growth and seed yield should not be affected. Crop damage may be increased if rates higher than 500 mL/ha are used and in areas where spray overlapping has occurred. The effect on seed yield of other clovers has not been determined.

The following varieties of clover have shown increased sensitivity to Nimble: Big Bee, Sacromonte (Berseem), Haifa (White), Zulu (Arrowleaf), Kyambro, Lupers and Maral (Persian).

Care should be exercised if these clovers are part of the pasture sward. Varieties not listed should be tested before using Nimble over large areas. Consult your local Cheminova representative for advice on specific varieties.

Subsequent Crops

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

MIXING

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

APPLICATION

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

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

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

Controlled Droplet Application (CDA): Insufficient information is available to recommend the application of this product by CDA.

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

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

COMPATIBILITY

The following herbicide products are physically compatible with Nimble as two-way mixtures in the spray tank, but should only be used for the crops specified, and only when the crop is also specified on the label of the compatible product:

(See below for list of compatible insecticides)

Crop	Nimble	Compatible Product
Wheat, triticale, cereal rye (including undersown)	Up to 750 mL/ha	Cheminova Diclofop Methyl (barley also), Foxtrot® (Wild Oats only, high rate)
Wheat, barley, triticale, cereal rye (including undersown)	All rates	Multitude® (800 g/kg)
Wheat, barley, triticale, cereal rye (not undersown)	Up to 500 mL/ha	Metsulfuron, chlorsulfuron, MCPA LVE (500 g/L product) (up to 500 mL/ha only)
	All rates	2,4-D amine 500, Eclipse*, dicamba (700 g/kg, up to 115g only), Sparta (300 g/L)
Wheat only (not undersown)		Castrate®
Established lucerne only	Up to 750 mL/ha	Simazine (500 g/L product) (up to 1.25 L/ha only) and simazine (500 g/L) / paraquat (200 g/L) mixture
Newly sown and established lucerne and clover only	Up to 750 mL/ha	Quinella®, Fuzilier®, 2,4-DB amine (500g/L)
	Up to 1.0 L/ha	Multitude (800 g/kg)

When mixing Nimble with other herbicides, crop yellowing may be enhanced.

When mixing with Cheminova Diclofop Methyl or Foxtrot® some reduction in the efficacy and speed of action of these products may occur.

When mixing with Quinella® or Fuzilier® some reduction in the efficacy and speed of action of these products and Nimble may occur.

In tank-mixtures with metsulfuron and chlorsulfuron, rates of Nimble higher than 500 mL/ha may cause significant crop damage.

If the crop is stressed, the application of the herbicide tank-mixtures may cause yield reduction.

When mixing with dicamba a temporary wilting may be evident in some crops after application.

The mixture of Nimble and simazine should be applied during winter to lucerne which is not actively growing.

This mixture may result in an increased crop effect but this can be reduced if the lucerne is grazed or cut before spraying.

DO NOT mix Nimble with haloxyfop.

Growers should seek advice before spraying recently released cereal varieties.

This product may be mixed in the spray tank with one of the following insecticides according to the directions for the insecticide product: Cyren® (500 g/L chlorpyrifos), deltamethrin (27.5 g/L product), Danadim® (400 g/L dimethoate), alpha-cypermethrin (100 g/L product), Le-Mat (290 g/L omethoate) and Cheminova Bifenthrin.

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

Warning: DO NOT use crop oils with Nimble or Nimble tank mixtures in cereals. As formulations of other manufacturers' products are beyond the control of Cheminova, all mixtures should be tested prior to mixing commercial quantities.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures. Wash sprayer thoroughly after use.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Keep from contact with fertilisers, insecticides, fungicides and seeds.

This container can be recycled if it is clean, dry, free of visible residues and has the *drumMUSTER* logo visible. Triple or pressure rinse container for disposal. Dispose of rinsate by adding to the spray tank. DO NOT dispose of undiluted chemicals on-site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will

then be acceptable for recycling at any *drumMUSTER* collection or similar container management site. The cap should not be replaced but may be taken separately. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

For refillable containers (110L): Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Product is harmful if inhaled or swallowed. Will irritate the eyes, nose, throat and skin. Avoid inhaling spray mist. When preparing spray wear elbow-length PVC gloves and face shield. If product in eyes wash out immediately with water. After use and before eating drinking or smoking, wash hand arms and face thoroughly with soap and water. After each day's use wash gloves, face shield and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126. If swallowed, do NOT induce vomiting. Give a glass of water. If in eyes, wash out immediately with water.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet available from www.cheminova.com.au

WARNING

This product must be used, handled and stored strictly as directed in accordance with this label, packaging and other reference material ("Directions"). To the extent permitted by law Cheminova Australia Pty Ltd and its related companies will have no liability for any injury, loss or damage arising from a failure to follow the Directions.

APVMA Approval No: 62887/57538

Batch no:

Date of Manufacture:

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140323-T

Bar Code

Drummuster logo (where appropriate for pack size)

**FOR 24 HOUR SPECIALIST ADVICE
IN EMERGENCY ONLY
PHONE 1800 033 111**