

WARNING
KEEP OUT OF REACH OF CHILDREN



BROADSTAR[®] HERBICIDE

GROUP C3 HERBICIDE

Selective post-emergence herbicide for the control of chamomiles, stinking mayweed, cleavers, storksbill, Onehunga weed and other broad-leaved weeds in onions, cereals, clover and grass seed crops, pasture, potatoes, soya beans, peas, lucerne and turf

READ THE ATTACHED BOOKLET COMPLETELY BEFORE MIXING OR APPLYING

Active ingredient:

Contains 480 g/L BENTAZONE as the sodium salt in the form of a soluble concentrate

ADAMA New Zealand Limited
Level 1, 93 Bolt Road
Tahunanui, Nelson 7011
PO Box 1799, Nelson 7040
New Zealand
Telephone 03 543 8275
www.adama.com

NET CONTENTS

**1 L, 5 L,
10 L, 20L**

ADAMA

REFER TO BOOKLET FOR FULL LABEL INSTRUCTIONS.

HAZARD CLASSIFICATIONS: 6.1D, 6.4A, 6.5B, 9.1C, 9.3C



PCBU RESPONSIBILITIES

A PCBU with management or control of work using this substance must ensure that every worker who uses, handles, manufactures, or stores this hazardous substance (including hazardous waste) is, before the worker is allowed to carry out or supervise work involving those substances, provided with adequate information, training and instruction. This includes the use of personal protective equipment to be used to minimise risks to the health and safety of workers when carrying out work using this substance.

WARNING

Harmful if swallowed.

Causes eye irritation.

May cause an allergic skin reaction.

ECOTOXICITY

Harmful to aquatic life with long lasting effects. Do not apply onto or into water. Avoid contamination of any water supply with product or empty container.

Harmful to terrestrial vertebrates.

HANDLING PRECAUTIONS

Keep out of reach of children.

Do not eat, drink or smoke while using.

Avoid breathing spray mist.

Use only outdoors or in a well-ventilated area.

Wash exposed skin thoroughly after handling.

EQUIPMENT

A PCBU with management or control of work using this substance must ensure that equipment used to handle this substance retains the substance, without leakage, at all of the temperatures and pressures at which the equipment is to be used; and dispenses or applies the substance, without leakage, at a rate and in a manner that the equipment is designed for. The PCBU must ensure that the equipment is accompanied by documentation that is readily available and readily understandable about the use and maintenance of the equipment.

STORAGE

Store in the original, tightly closed container in a cool, dry place, out of direct sunlight and away from stockfeed, seeds, fertilisers or foodstuffs.

Store in accordance with NZS 8409 Management of Agrichemicals. Secondary containment and emergency response plans are required where greater than 1000 L of this product are stored.

TRANSPORT

Do not carry greater than 1 L of this product on a passenger service vehicle.

PERSONAL PROTECTION

When mixing or applying wear appropriate protective clothing including cotton overalls buttoned to the neck and wrist, impervious, elbow-length gloves, and eye protection. Remove protective clothing and wash hands, arms and face with soap and water before meals and after work. Contaminated work clothing should not be allowed out of the workplace.

SPILLAGE

Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Wear appropriate protective clothing as in the personal protection section of this label to clean up spills. Absorb liquid spills with an inert material (such as vermiculite, earth, sand or synthetic absorbent substance) and place in waste containers. Wash area with water and alkaline detergent. Then absorb any remaining liquid with further inert material. Dispose of the waste safely in an approved landfill.

DISPOSAL

Container Disposal - Triple rinse empty container and add rinsate to spray tank. Submit clean empty container to an Agrecovery[®] depot for recycling. Alternatively, puncture and bury in a suitable landfill. Avoid contamination of any water supply with product or empty container.

Product Disposal - Dispose of this product only by using according to the label, or through the Agrecovery[®] Chemical Recovery service or other approved facility.

FIRST AID

If medical advice is needed, have product container or label at hand.

For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.

IF SWALLOWED: Rinse mouth. Call a POISON CENTRE or doctor if you feel unwell.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs, get medical attention. Wash before reuse.

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 attention.

CONDITIONS OF SALE

ADAMA New Zealand Limited will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than the responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by the Statutes applicable to the sale and supply of these goods. To the extent allowed by such Statutes the liability of ADAMA New Zealand Limited is limited to the replacement of the goods or (at the option of ADAMA New Zealand Limited) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to ADAMA New Zealand Limited within thirty days of delivery.



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Approved pursuant to the HSNO Act 1996, Approval No. HSR000426

See www.epa.govt.nz for approval controls

Broadstar is a registered trademark of an ADAMA Group Company.



EMERGENCY RESPONSE

(All hours)

Ring from anywhere in New Zealand

0800 734 607

In a Transport

Emergency

Phone 111

Police or Fire

Batch Number:

Date of Manufacture:

Bar code to be inserted

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SAFETY DATA SHEET

A Safety Data Sheet for this product is available from ADAMA New Zealand Limited on request. Call 03 543 8275

PRODUCT INFORMATION

BROADSTAR HERBICIDE is a selective contact herbicide which must be applied in sufficient water to ensure that all parts of the target weeds are thoroughly covered. Immature weeds (2-4 leaf) are more readily controlled than more mature plants.

BROADSTAR HERBICIDE is especially effective against chamomiles, stinking mayweed, cleavers, storksbill and Onehunga weed. Other broad-leaved weeds controlled include redroot (Prince of Wales feather), chickweed, black nightshade, spurrey, shepherds purse, thorn apple, and wild turnip.

BROADSTAR HERBICIDE is not active in the soil. Therefore, weeds must have germinated before spraying (post-emergence).

DIRECTIONS FOR USE

TAKE ALL REASONABLE STEPS TO ENSURE THAT THE SUBSTANCE DOES NOT CAUSE ANY SIGNIFICANT ADVERSE EFFECTS TO THE ENVIRONMENT BEYOND THE APPLICATION AREA.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residues Levels for Agricultural Compounds.

CROP	TIMING	RATE	CRITICAL COMMENTS
Cereals	After 4 true leaf	2 L/ha in 170-500 L of water	Apply in combination with the sodium salt formulations of MCPB, dichlorprop or mecoprop, applied at label recommended rates. BROADSTAR HERBICIDE + MCPB may be applied to crops undersown with clover.
Clover seed crops	In late winter early spring, when weeds are small	2-3 L/ha in a minimum of 500 L of water	1. Use high water rates and large droplets to ensure penetration into growth crown of the weeds. 2. Add a non-ionic spreader/sticker. 3. Paraquat applied at least 2 weeks before BROADSTAR HERBICIDE treatment will improve results, provided weeds are actively growing at the time of BROADSTAR HERBICIDE treatment. 4. Spraying during warm weather gives best results.
Dwarf beans	When crop has 1-2 trifoliolate leaves and	1.5-3 L/ha in	Some transient leaf scorch may occur, but yield is unlikely to be

CROP	TIMING	RATE	CRITICAL COMMENTS
	weeds are at cotyledon to 4 leaf stage.	300-500 L of water.	affected. Do not apply to crops before 1 trifoliolate (true) leaf stage and avoid hot conditions (above 21°C). Use higher rates on more mature weeds. Add a non-ionic spreader/sticker to enhance activity on thorn apple and hairy nightshade.
Grass seed crops	When weeds are at a susceptible stage.	2-3 L/ha in a minimum of 500 L of water.	<ol style="list-style-type: none"> 1. Ensure thorough coverage of weeds. 2. Add a non-ionic spreader/sticker. 3. Spraying during warm weather gives best results.
Lucerne	During autumn	1.5 L + 2 L of 2,4-DB (40% ai) per ha. OR 4 L/ha alone. Apply in 300-500 L of water/ha.	For control of nodding thistle and storksbill.
New pasture	When clover has 1-2 trifoliolate (true) leaves and weeds are at 4-6 leaf stage.	3 L/ha in 300-500 L of water.	BROADSTAR HERBICIDE may be applied with MCPB as a tank-mix.
Onions	After onions have 3 leaves.	2-3 L/ha in 330-550 L of water.	<p>Apply when weeds are still seedlings and onions are waxy and healthy.</p> <ol style="list-style-type: none"> 1. Do not apply when soil is water logged. 2. Do not add surfactants. 3. Do not apply when onions are damaged by hail, frost, heavy rain, wind etc. 4. Do not apply other herbicides for 10 days before or after BROADSTAR HERBICIDE application.
Pasture infested with giant buttercup	Weeds at rosette to just before flower stalk elongation. End of August to mid-September in most regions.	750 ml -1 L/ha in 250 L of water 1-5 days after MCPA treatment.	Remove grazing stock and allow pasture to freshen up (approx. 5-10 days). Apply MCPA at 4 L/ha, then apply BROADSTAR HERBICIDE 1-5 days later. To allow full effect of treatment do not graze for 7-14 days. Retreatment in following seasons will be required to deplete seed bank in the soil. BROADSTAR HERBICIDE will control giant buttercup that is resistant to MCPA.
Peas	When crop has 1-2 trifoliolate leaves and weeds are at 4 leaf stage.	2 L/ha plus MCPB at 2.5 L/ha. Apply in 300-500 L of water/ha.	Suitable for use on undersown pea crops.
Potatoes	When cleavers are visible and prior to crop emergence	2-3 L in 300-500 L of water.	Application can be made as a tank-mix with Sencor [†]
Soya beans	When crop has 1-2 trifoliolate (true) leaves, and weeds are at the cotyledon to 4 leaf	2-3 L/ha. Apply in 300-500 L of water/ha.	Use a preplant incorporated herbicide to control grass weeds. Some scorch of soya bean foliage may occur, but symptoms will disappear and yields

CROP	TIMING	RATE	CRITICAL COMMENTS
	stage.		will not be affected.
Turf	October to early November	3 L/ha in 300-500 L of water	A second spray in the autumn will reduce the problem for next season.
		30 mL/100 m ² in 3-5 L.	In specialised equipment e.g. "Lawnboy".

COMPATIBILITY

Wetting agents should not be added unless specified.

APPLICATION

Use high water rates (minimum rates specified). Low volume CDA application techniques are not recommended.

RAINFALL

Do NOT apply if rain or frost is expected, or if the foliage is wet. At least 8 hours should elapse after application before rainfall or irrigation.

RESISTANCE MANAGEMENT

BROADSTAR HERBICIDE contains the GROUP C3 benzothiadiazinone herbicide, bentazone. Do not use another product containing an herbicide in the same group in conjunction with BROADSTAR HERBICIDE, and where possible alternate the types of herbicides used within any one paddock over time. Herbicides from different group codes should either be used alternately or mixed together to prevent the numbers of resistant individuals building up. As the development of resistance is difficult to detect, ADAMA New Zealand Ltd accepts no responsibility for control failure due to the presence of resistant weeds.

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† Other registered trademarks