

# WARNING

Keep out of reach of children



ADAMA

## BROADSTAR<sup>®</sup> HERBICIDE

GROUP 6 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

Batch number:  
Date of Manufacture:  
Barcode to be inserted

NET CONTENTS: 1 L, 5 L, 10 L, 20 L

## REFER TO BOOKLET FOR FULL LABEL INSTRUCTIONS.



### **WARNING**

Harmful if swallowed. Causes eye irritation. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects. Harmful to terrestrial vertebrates.

### **HANDLING PRECAUTIONS**

Keep out of reach of children. Do not eat, drink or smoke while using this product. Avoid breathing spray mist. Wash exposed skin thoroughly after handling. Wear protective clothing as specified in the personal protection section of this label. Avoid unintended release into the environment.

### **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.

### **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. Wash contaminated clothing before reuse.

### **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<sup>®</sup> 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<sup>®</sup> Chemical Recovery service or other approved facility.

**Do not burn product or container.**

### **SAFETY DATA SHEET**

A safety data sheet for this product is available at [www.adama.com](http://www.adama.com).

### **FIRST AID**

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

**IF SWALLOWED:** Rinse mouth. Call the National Poisons Centre 0800 POISON (0800 764 766) or doctor if you feel unwell.

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

**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.



Registered to and distributed by:  
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](http://www.adama.com)

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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

**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, Shepherd's 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.**

**EPA CONTROLS**

- A person must not apply this substance directly into or onto water.

**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
<b>Cereals</b>	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.
<b>Clover seed crops</b>	In late winter early spring when weeds are small	2-3 L/ha in a minimum of 500 L of water	<ol style="list-style-type: none"> <li>1. Use high water rates and large droplets to ensure penetration into growth crown of the weeds.</li> <li>2. Add a non-ionic spreader/sticker.</li> <li>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.</li> <li>4. Spraying during warm weather gives best results.</li> </ol>
<b>Dwarf beans</b>	When crop has 1-2 trifoliolate leaves and weeds are at cotyledon to 4 leaf stage.	1.5-3 L/ha in 300-500 L of water	Some transient leaf scorch may occur, but yield is unlikely to be 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.
<b>Grass seed crops</b>	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"> <li>1. Ensure thorough coverage of weeds.</li> <li>2. Add a non-ionic spreader/sticker.</li> <li>3. Spraying during warm weather</li> </ol>

CROP	TIMING	RATE	CRITICAL COMMENTS
			gives best results.
<b>Lucerne</b>	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.
<b>New pasture</b>	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.
<b>Onions</b>	After onions have 3 leaves.	2-3 L/ha in 330-550 L of water	Apply when weeds are still seedlings and onions are waxy and healthy. 1. Do not apply when soil is waterlogged. 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.
<b>Pasture infested with giant buttercup</b>	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.
<b>Peas</b>	When crop has 1-2 trifoliolate leaves and weeds are at 4 leaf stage.	2 L/ha + MCPB at 2.5 L/ha Apply in 300-500 L of water/ha.	Suitable for use on undersown pea crops.
<b>Potatoes</b>	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 <sup>†</sup>
<b>Soya beans</b>	When crop has 1-2 trifoliolate (true) leaves, and weeds are at the cotyledon to 4 leaf stage.	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 will not be affected.
<b>Turf</b>	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 <sup>2</sup> 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 6 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.