

WARNING
KEEP OUT OF REACH OF CHILDREN
READ LABEL BEFORE USE

Basagran[®]
Herbicide

Contains 480 g/litre bentazone in the form of a soluble concentrate

GROUP 6 HERBICIDE

Selective post-emergence broadleaf weed herbicide

Contents: 10 L

Registered to and distributed by:

BASF New Zealand Limited

NZBN 9429032151299

P.O. Box 407, Auckland 1140

Phone: 0800 932 273

crop-solutions.basf.co.nz



A handwritten signature in blue ink, appearing to be "A. J. King".

Hazard Classification

6.1D, 6.4A, 6.5B, 9.1C, 9.3C



WARNING

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

PRECAUTIONS

HANDLING: DO NOT handle until all safety precautions have been read and understood. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

STORAGE: Store in original container, tightly closed, in a locked, dry, cool, well-ventilated place away from food and animal feeds. Stores containing 1000 litres or more are subject to signage and require emergency response plans and secondary containment systems.

TRANSPORT: DO NOT carry this product on a passenger service vehicle.

SPILLAGE: When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section. Prevent further spillage and product from entering waterways. Absorb spill with an inert absorbent material (e.g. vermiculite) and place in sealable container for disposal. Wash affected area with water and detergent. Absorb and collect washings and place in the same sealable container as the spilled material. Dispose of the waste safely in suitable landfill.

PERSONAL PROTECTION: When mixing and preparing spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, suitable gloves, and safety goggles.

GENERAL SAFETY AND HYGIENE MEASURES: Avoid contact with skin, eyes and clothing, and inhalation of spray mist. DO NOT eat, drink or smoke while using this product. Remove protective clothing and wash hands and exposed skin thoroughly with soap and water before meals and after work. Wash protective clothing immediately after use. Contaminated work clothing should not be allowed out of the workplace. Store work clothing separately.

USE: Use only outdoors or in well ventilated area. Apply with well-maintained and accurately calibrated equipment. DO NOT apply directly into or onto water. Clean out application equipment thoroughly after use. DO NOT contaminate water when disposing of equipment wash waters.

NOTE: Storage and application must be as described in the current version of the New Zealand Standard for the Management of Agrichemicals NZS8409.

DISPOSAL: Container: Ensure the container is completely empty. Triple rinse empty container and add rinsate to the spray tank. Recycle through Agrecovery (0800 247 326, www.agrecovery.co.nz). Product: Dispose of this product only by using according to the label or at an approved landfill. DO NOT burn product. DO NOT contaminate surface water with product or used container.

FIRST AID

If medical advice is needed, have product container or label at hand. If exposed, concerned or feel unwell, contact the National Poisons Centre 0800 POISONS (0800 764 766) or a doctor. IF SWALLOWED: DO NOT induce vomiting. Rinse mouth. IF ON SKIN (or hair): remove contaminated clothing and flush with soap and running water. If skin irritation or rash occurs, get medical advice/attention. IF INHALED: remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: rinse cautiously with water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.



GENERAL INFORMATION

BASAGRAN is a selective contact herbicide that 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. BASAGRAN is especially effective against chamomiles, cleavers, stinking mayweed, Onehunga weed, and storksbill. Other broadleaf weeds controlled include: black nightshade, chickweed, fathen, giant buttercup, hairy nightshade, nodding thistle, redroot (Prince of Wales feather), shepherds purse, spurrey, thorn apple, wild turnip, and willow weed. BASAGRAN is not active in the soil, so weeds must have germinated before spraying (post emergence).

RESISTANCE MANAGEMENT

BASAGRAN contains bentazone, a benzothiadiazinone herbicide with inhibition of photosynthesis at photosystem II mode of action, **GROUP 6 HERBICIDE**. Weeds resistant to bentazone and other Group 6 herbicides could eventually dominate from excessive use of these herbicides. To minimise this risk, use strictly in accordance with label instructions. BASAGRAN should be used in a programme that incorporates effective herbicide products with different modes of action. Refer to the NZCPR web site < www.resistance.nzpps.org > for more detailed information.

DIRECTIONS FOR USE

CAUTION – DO NOT apply if rain or frost is expected, or if the foliage is wet.

Crop	Timing	Rate	Remarks
Cereals	After 4 true leaf.	2 litres/ha in 170 – 500 litres of water.	Apply in combination with the sodium salt formulations of MCPB (38.5% a.i.), dichlorprop or mecoprop, applied at label recommended rates. BASAGRAN + MCPB may be applied to crops undersown with clover.
Clover Seed Crops	In late Winter early Spring, when weeds are small.	2 – 3 litres/ha in a minimum 500 litres of water.	Use high water rates and large droplets to ensure penetration into growth crown of the weeds. Add a suitable non-ionic surfactant. Paraquat, applied at label recommended rates at least two weeks before BASAGRAN treatment will improve results provided weeds are actively growing at the time of BASAGRAN treatment. Spraying during warm weather gives best results.
Dwarf Beans	When crop has 1– 2 trifoliolate leaves and weeds are at cotyledon to 4 leaf stage.	1.5 – 3 litres/ha in 300 – 500 litres 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 suitable non-ionic surfactant to enhance activity on thorn apple and hairy nightshade.
Grass Seed Crops	When weeds are at a susceptible stage.	2 – 3 litres/ha in a minimum of 500 litres of water.	Ensure thorough coverage of weeds. Add a suitable non-ionic surfactant. Spraying during warm weather gives best results.



Crop	Timing	Rate	Remarks
Lucerne	During Autumn.	1.5 litres plus 2 litres of 2,4-DB (40 % ai) per ha or 4 litres/ha alone. Apply in 300 – 500 litres of water/ha.	For control of nodding thistle and storksbill.
New Pasture (grass or mixed swards with clover and/or plantain)	When clover has 1 – 2 trifoliolate (true) leaves and/or plantain has 2 – 4 leaves, and weeds are at 4 – 6 leaf stage.	3 litres/ha in 300 – 500 litres of water.	BASAGRAN may be applied as a tank mix with MCPB at label recommended rates (except where plantain is present).
Onions	After onions have 3 leaves.	2 – 3 litres/ha in 300 – 500 litres of water.	Apply when weeds are still seedlings and onions are waxy and healthy. DO NOT apply when soil is waterlogged. DO NOT add surfactants. DO NOT apply when onions are damaged by hail, frost, heavy rain, wind etc. DO NOT apply other herbicides for 10 days before or after BASAGRAN application.
Pasture (grass or mixed swards with clover and/or plantain) – infested with Giant Buttercup	Weeds at rosette to just before flower stalk elongation, usually the end of August to mid-September in most regions.	0.75 – 1 litre/ha in 250 litres of water. 1 – 5 days after MCPA treatment.	Remove grazing stock and allow pasture to freshen up (approx. 5 – 10 days). Apply a potassium salt formulation of MCPA (37.5% a.i.) at 4 litres/ha, then apply BASAGRAN 1 – 5 days later. Retreatment in following seasons will be required to deplete seed bank in the soil. BASAGRAN 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 litres/ha plus MCPB (38.5% a.i.) at 2.5 litres/ha. Apply in 300 – 500 litres of water/ha.	Suitable for use on undersown pea crops.



Crop	Timing	Rate	Remarks
Plantain and plantain/clover mixed swards	Once the plantain has 2 – 4 true leaves and the clover has 1 – 2 trifoliate (true) leaves. Weeds should be at the cotyledon to 6 leaf stage.	3 litres/ha in 300 – 500- litres of water.	Ensure weeds are exposed and thorough spray coverage occurs. Include a non-ionic surfactant. Some initial growth suppression and transient leaf scorch may occur. Avoid swath overlaps.
Potatoes	When cleavers are visible and prior to crop emergence.	2 – 3 litres/ha in 300 – 500 litres of water.	Application can be made as a tank mix with Sencor ^{®1} applied at label recommended rates.
Soya Beans	When crop has 1 – 2 trifoliate (true) leaves, and weeds are at cotyledon to 4 leaf stage.	2 – 3 litres/ha in 300 – 500 litres of water.	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.
Turf	October to early November	3 litres/ha in 300 – 500 litres of water or 30 mL/100 square metres in 3 – 5 litres of water.	A second spray in the Autumn will reduce the problem for next season. In specialised equipment e.g. "Lawnboy".

WITHHOLDING PERIOD

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

- Pasture (grasses or mixed swards with clover and/or plantain), plantain, or plantain/clover swards: DO NOT graze or use for animal feed within 14 days of spraying.

NOTE

- (1) Wetting agents should not be added unless specified.
- (2) At least 8 hours should elapse after application and before rainfall or irrigation.
- (3) Use high water rates (minimum rates specified). Low volume, CDA application techniques, are not recommended.



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CONDITIONS OF SUPPLY

Read conditions of supply before buying and using. If these conditions are unacceptable, return at once unopened. All goods supplied by BASF New Zealand Limited are of a high grade and conform to the chemical description of the label. However, to the extent permitted by law, neither BASF nor any of its Distributors accept any liability or responsibility whatsoever for any loss, damage or injury whether direct, indirect or consequential howsoever arising in connection with the supply of those goods including without limitation their storage, application, handling or use. BASF New Zealand Limited nor any of its Distributors, make no warranties of any kind, express or implied, with respect to fitness for purpose (including crop injury, ineffectiveness or any other unintended consequence), merchantable quality or any other matter with respect to these goods. When you are a consumer as defined in the Consumer Guarantees Act 1993 (the "Act") these conditions will be subject to the provisions of the Act. However, the Act will not apply to goods supplied to you for business purposes.

Registered pursuant to the ACVM Act 1997, No. P002264

See www.foodsafety.govt.nz for registration conditions

Approved pursuant to the HSNO Act 1996, Code HSR000426

See www.epa.govt.nz for approval controls

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EMERGENCY PHONELINK

24 Hour Advice in an Emergency Only

0800 944 955



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