

WARNING
KEEP OUT OF REACH OF CHILDREN



URAGAN[®] WG HERBICIDE

GROUP C1 HERBICIDE

For long term control of hard to kill grasses and broadleaf weeds in waste areas, established citrus and asparagus

READ THE ATTACHED BOOKLET COMPLETELY BEFORE MIXING OR APPLYING

Active Ingredient:

Contains 800 g/kg BROMACIL in the form of a water dispersible granule

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
2 kg, 5 kg

ADAMA

REFER TO BOOKLET FOR FULL LABEL INSTRUCTIONS.**HAZARD CLASSIFICATIONS 6.1D, 6.3B, 6.4A, 6.7B, 6.8B, 6.9B, 9.1A, 9.2A, 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.

QUALIFICATIONS REQUIRED FOR APPLICATION OF CLASS 9 SUBSTANCES

Anyone who mixes, loads, or applies this product, either by air or ground based methods, is required to be suitably qualified, or must receive guidance and, if required, assistance from a suitably qualified person. Refer to Schedule 10 of the Hazardous Substances (Hazardous Property Controls) notice 2017 for a list of suitable qualifications.

RECORD KEEPING

A PCBU with management or control of the substance must ensure that a written record is kept of each application of this substance. This record must include the product name, date and time of each application, amount of substance applied, location where the substance was applied, wind speed and direction and electronic data files indicating the application area (if applied by air), and details of measures taken to ensure no adverse effects beyond the boundary of the application area.

WARNING

Harmful if swallowed.

Causes mild skin irritation.

Causes serious eye irritation.

Suspected of causing cancer.

Suspected of damaging fertility or the unborn child.

Causes damage to organs through prolonged or repeated exposure.

ECOTOXICITY

Very toxic to aquatic organisms. Do not apply onto or into water. Avoid contamination of any water supply with product or empty container. Do not allow spray drift over aquatic environments.

Very toxic to the soil environment.

Harmful to terrestrial vertebrates.

HANDLING PRECAUTIONS

Keep out of reach of children.

Do not eat, drink or smoke while using.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not breathe dust or spray mist.

Use personal protective equipment as required.

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 locked up 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 100 L of this product are stored.

SHELF LIFE

When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

PERSONAL PROTECTION

When mixing or applying wear appropriate protective clothing including impervious, elbow-length gloves, eye protection, waterproof hat, boots and overalls. Do not eat, drink or smoke while using. Remove protective clothing and wash hands, arms and face with soap and water before meals and after work.

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 of this label to clean up spills. Sweep up spilt material and place in waste containers. 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 - Ensure container is completely empty. Burn if circumstances, especially wind direction permit. Otherwise 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 or if you feel unwell or are exposed or concerned, 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: 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.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor if you feel unwell.

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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See www.foodsafety.govt.nz for registration conditions

Approved pursuant to the HSNO Act 1996, Approval No. HSR007915
See www.epa.govt.nz for approval controls

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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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PRODUCT INFORMATION

URAGAN WG HERBICIDE is an effective general herbicide for the control of many annual and perennial weeds and is particularly useful for control of perennial grasses. Effects are slow to appear and may not become apparent until the chemical has been carried into the root zone of the weeds by moisture. The degree of control and duration of effect will vary with the amount of chemical applied, soil type, rainfall and other conditions.

Resistant weeds

At the rate of application recommended on this label, URAGAN WG HERBICIDE will not control paspalum, field bindweed, buttercups, docks and compositae species such as Californian thistle, cat's ear, daisies and groundsel. Where these weeds are a problem, add glyphosate and ADAMA METSULFURON HERBICIDE to the spray mix.

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.

Apply URAGAN WG HERBICIDE just before or during the period of active weed growth. Sufficient moisture from rainfall or artificial means is necessary after treatment to carry the chemical into the root zone of the weeds. If dense growth is present, results will be improved if vegetation is removed before treatment.

DO NOT apply, or drain or flush equipment, on or near desirable trees or other plants or on areas where their roots may extend or in locations when the chemical may be washed or moved into contact with their roots.

DO NOT use on lawns, walks, driveways, tennis courts or similar areas.

Keep from contact with fertilisers, insecticides and seeds.

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.

NON-SELECTIVE WEED CONTROL

To control a wide range of weeds for an extended period of time.

USE SITUATION	RATE	CRITICAL COMMENTS
Non-cropland areas such as railway tracks, roadsides, around marker pegs, fence lines, drains, bridge approaches, storage areas, and industrial plant sites	8-12 kg/ha	Application to drains, ditches and irrigation channels must only be made when these waterways are dry and at least 2 months is allowed to elapse before the channels are used for carrying water. Use the lower rates on light soils and areas where rainfall is low and the highest rates on soils high in clay content or organic matter. For small areas half a cup full of URAGAN WG HERBICIDE per 100 m ² is approximately 8 kg/ha.

SELECTIVE WEED CONTROL

USE SITUATION	RATE	CRITICAL COMMENTS
Established asparagus Use only on asparagus which has been established for at least 12 months.	2-3 kg/ha	Apply as a broadcast treatment before the cutting season commences and before weeds have become established. Use the high rate on heavy clay soils and soils high in organic matter. DO NOT apply during the cutting season. DO NOT replant to other crops within three years after last application as crop injury may result.
Established citrus Use around established trees only (not less than 4 years old).	Broadcast 2-5 kg/ha Knapsack 20-40 g/15L applied to 100 m ² Hand gun 340-680 g/200 L drum to 1,300 m ²	Apply URAGAN WG HERBICIDE in October, or just before the most active period of weed growth, so that the areas sprayed will remain free of weeds until harvest time. Use at rates equivalent to 2-5 kg per hectare for overall spraying and apply about the base of the trees. DO NOT use on light, sandy soils otherwise crop damage may occur. DO NOT replant areas where trees have been removed for 1-2 years after applying URAGAN WG HERBICIDE.

SURFACTANTS

It is recommended that a suitable non-ionic surfactant be added to the spray mix at the rate of 120 mL/100 L of spray mix when application is made to rank or difficult to wet weed growth.

APPLICATION

Half fill the spray tank with clean water. Commence agitation and steadily add granules. Ensure complete dispersion before filling to volume with water. Continue agitation during application. If mixing with other herbicides, add the concentrates to the water in the spray tank one at a time. When mixing with EC formulations, slowly disperse the URAGAN WG HERBICIDE first in the

half filled tank of water. When dispersed, top up with water while adding the EC. Add wetting agent last to minimise foaming.

Before spraying, calibrate equipment to determine quantity of water necessary to uniformly cover measured area to be treated. Weigh the proper amount of URAGAN WG HERBICIDE. Half fill the spray tank with clean water. Commence agitation and steadily add granules. Ensure complete dispersion before filling to volume with water (minimum of 10 L/ 500 g of URAGAN WG HERBICIDE). Continue agitation during application. Use sufficient water to provide thorough and uniform coverage of the ground, 200-450 L/ha for boom spraying or 1000 L/ha when gun spraying.

Except for small areas, use fixed-boom power sprayers properly calibrated to ensure constant rate of application. Openings in screens should be equal to or larger than 300 micrometres. Agitate by mechanical or hydraulic means in the spray tank. If by-pass or return line is used, it should terminate at bottom of tank to minimise foaming. For treating small areas, a knapsack sprayer should be used, shake or stir frequently.

CLEANING SPRAY EQUIPMENT

Thoroughly clean all traces of URAGAN WG HERBICIDE from application equipment immediately after use. Flush tank, pump, hoses and boom with several changes of water after removing nozzle tips and screens (clean these parts separately).

RESISTANCE MANAGEMENT

URAGAN WG HERBICIDE contains the **GROUP C1** Uracil herbicide, bromacil. Do not use another product containing a herbicide in the same group in conjunction with URAGAN WG 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.

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