

WARNING - ECOTOXIC - NOT TO BE USED ON TURF


ravensdown

HERBICIDE

GROUP 4

Purge

A selective herbicide for the control of certain broadleaf weeds in fodder brassica crops

ACTIVE INGREDIENT:

Contains 150g/litre picloram and 225g/litre clopyralid as the monoethanolamine salt in the form of a soluble concentrate.



Registrant: Ravensdown Ltd

292 Main South Road
Hornby, Christchurch 8042
New Zealand
Phone: 03 353 4600

ravensdown.co.nz

BATCH:

D.O.M:

NET CONTENTS
5 Litres

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PURGE | READ LABEL CAREFULLY BEFORE USING

This product must not be used for any purpose, or in any manner, contrary to the label unless authorised under appropriate legislation.

HAZARD CLASSIFICATION: 6.4A, 9.1C, 9.2A, 9.3C

QUALIFIED PERSON: This product must be under the control of a Qualified Person or Contractor, as per Part 4C of the Hazardous Property Controls EPA Notice.

TOXICITY

Harmful – May cause eye irritation.

ECOTOXICITY

Harmful to aquatic organisms. Avoid contamination of any water supply with chemical or empty container. This product must not be applied onto or into water. Do not allow spray drift over aquatic environments. Do not apply directly into or onto water.

Very toxic to the soil environment.

Selective herbicide – very toxic to some plant species. Some plants maybe damaged or killed by contact with this product.

Beware - apply this product carefully. Spray drift may cause serious damage to desirable plants.

Ensure compliance with any relevant regional air management plans. Do not allow drift outside the target area to occur. Treated vegetation shall not be disposed of at any green waste recycling centre.

Harmful to terrestrial vertebrates.

FIRST AID

If swallowed, DO NOT induce vomiting. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If splashed in eyes, wash out immediately with water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If inhaled, move the patient to fresh air immediately. Begin artificial respiration if breathing has stopped. For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.

SPILLAGE

In case of spillage, wear appropriate protective clothing and prevent material from entering waterways. Exclude non-essential people from the area. Contain liquid spills and absorb with inert material such as soil or sand and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely in an approved landfill.

EMERGENCY RESPONSE

In transport emergency call 111, Police or Fire Brigade. For 24hr specialist advice in an emergency only call **0800 CHEMICAL (0800 243 622).**

SAFETY DATA SHEET

If additional safety information is required, refer to the Safety Data Sheet. For a copy contact the customer centre on 0800 100 123.

TRANSPORT

Do not carry more than 1L on a passenger service vehicle.

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.

Registered Pursuant to the ACVM Act 1997 P7946.
See www.foodsafety.govt.nz for registration conditions.
Approved pursuant to the HSN0 Act 1996, Code: HSR000762.
See www.epa.govt.nz for approval controls.

HANDLING PRECAUTIONS

STORAGE

Keep out of reach of children. Store in accordance with NZS 8409 Management of Agrichemicals. Store in original container tightly closed in a locked, dry, cool area away from foodstuffs, fertilisers and seeds. Stores containing 100L of PURGE are subject to signage, and 1000L or more require secondary containment and emergency response plans.

PERSONAL PROTECTION

Avoid contact with skin, eyes and inhalation of spray mist. When handling wear protective clothing such as waterproof gloves, eye protection, overalls and boots.

Wash splashes of concentrate from skin and eyes immediately. Remove protective clothing and wash hands and face thoroughly before meals and after work.

Do not eat, drink or smoke while using.

EQUIPMENT

Apply using well maintained and accurately calibrated equipment. Flush equipment thoroughly with clean water after use. Decontaminate spray equipment before use on a sensitive crop.

RECORD KEEPING

Records of use as described in NZS 8409 Management of Agrichemicals must be kept.

DISPOSAL

Triple rinse container and add rinsate to spray tank. Triple rinsed containers containing the Agrecovery logo on the label and that are free of all residues and have an intact legible label may be taken to an Agrecovery collection site for disposal. Otherwise crush or puncture and bury in an approved landfill. Do not burn container. Do not use container for any other purpose. Dispose of product only by using according to label directions or dispose of safely at a managed landfill.

WARRANTY AND LIMITATION

IMPORTANT: Read this notice before opening the container.

The registrant warrants that when packed the active ingredient of this product is as specified on this label within accepted analytical tolerances. The registrant gives only those other warranties that are required by law in relation to this product and limits its liability to the cost paid by the claimant for the product. The registrant declines all liability for damage resulting from the handling, storage or use of this product. The user bears the risk from the handling, storage or use of this product. The registrant is not liable for any use of this product which is contrary to the label directions given or any Act or Regulation.

Agrecovery is available on plastic containers up to 60L and for plastic or steel large drums from 61L - 1000L.

PHONE **0800 100 123**

 **AGRECOVERY**
www.agrecovery.co.nz

PEEL HERE

SPRAYER DECONTAMINATION

Always wash tank and flush equipment thoroughly with clean water after use. To avoid subsequent injury to sensitive crops, immediately after spraying thoroughly remove all traces of PURGE from mixing and spraying equipment as follows:

1. Drain tank, then flush tank, booms and hoses with clean water.
2. Half fill the tank with clean water and add 500g of an alkali detergent per 100L of water. Circulate through the system for at least 15 minutes with agitation then drain.
3. Drain the whole system.
4. Nozzles and filters should be removed and cleaned separately.
5. Finally, rinse tank thoroughly with clean water, flush through hoses and boom and allow to drain.

RESISTANCE MANAGEMENT

PURGE contains clopyralid and picloram, both a **GROUP 4 HERBICIDE** from the pyridine carboxylic acid chemical group with the action like indole acetic acid (synthetic auxins) mode of action. To prevent or delay development of resistant biotypes, use PURGE in tank mixture or rotation with herbicides of a different mode of action against the weed. Consult www.resistance.nzpps.org/ for alternative modes of action and details of resistance management strategies (if any) for the crops listed on the label.

DIRECTIONS FOR USE

Weeds controlled	Rate	Comments
Fathen, black nightshade, thorn apple, redroot (suppression only)	350ml/ha	Apply to actively growing 2-8 leaf seedling weeds. See note below on timing and the use of Collaborate Spray Oil.

Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

Collaborate Spray Oil:

Always apply PURGE to fodder brassicas in combination with Collaborate Spray Oil.

Aerial and ground spray use 500ml per 100L spray mix
CDA application, use 500ml per ha.

Timing:

The time of application should be determined by the growth stage and activity of the weeds not the crop.

APPLICATION

PURGE can be applied using conventional ground or aircraft spraying equipment. Equipment should be decontaminated before and after using PURGE, particularly if herbicides such as MCPA, MCPB, 2,4-D or sulfonyleurea herbicides have been used prior to PURGE or if susceptible crops are to be sprayed after use of PURGE (see Soil Residue and Crop Rotation section below). Small amounts of the above herbicides can severely affect brassica crops.

Aerial and boom spraying:

Use a minimum 100-300L of water per hectare applied as a coarse quality spray as defined by the British Crop Protection Council (BCPC) system or the American Society of Agricultural Engineers (S572) (ASAE). Use higher water rate where weeds and crop are dense.

CDA Spraying:

Use not less than 30L of water per hectare using spray equipment which will produce a droplet size of 250-300 microns. Trials indicate that CDA application may result in less effective weed control than conventional boom spraying.

MIXING

Half fill the spray tank and add the required amount of PURGE. Add the remainder of the water, with the agitator running. If required add a spraying oil such as Collaborate.

Maintain agitation during spraying. Only mix sufficient spray solution for immediate use and avoid storing.

WITHHOLDING PERIODS

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.

Other than for animal safety or crop rotation purposes a withholding period is not required when used as directed. The restraint on sending treated green material to a green waste recycling centre is not required 12 months after treatment.

ANIMAL SAFETY

Poisonous plants may become more palatable after spraying. If concerned that stock health may be affected, stock should be kept away from the treated area until plants have died down.

SOIL RESIDUES AND CROP ROTATION

Crop	Comments
Clover	Establishment and growth are possible in pastures sown after brassicas treated with recommended rates of PURGE. To minimise potential damage to clovers from picloram soil residues, allow a minimum of 6 months after treatment, deep plough and surface cultivate before sowing pasture.
Cereal crops	May be sown following brassica treated with PURGE.
Potatoes, peas, lucerne, beans, cucurbits, tomatoes and other crops highly susceptible to picloram	Do not sow for at least 1 year and not until it has been demonstrated that it is safe to do so. Do not use PURGE if it will be necessary to sow susceptible crops within the above-suggested periods. Avoid repeat treatments of PURGE to successive brassica crops as this can increase the potential for soil residues.

The rate of decline of soil residues is dependent on several factors (including soil type and rainfall) and will vary from district to district. Under low rainfall conditions (less than 800mm per year) or in heavy, poor draining soil, delay planting of susceptible crops for at least 2 years. If in doubt regarding other crops, or for further information consult a Ravensdown representative.

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