

WARNING - KEEP OUT OF REACH OF CHILDREN. ECOTOXIC


ravensdown

HERBICIDE **GROUP 2**

Granit[®]

A selective herbicide for control of certain broadleaf weeds in conservation tillage programs, barley, oats and in wheat

ACTIVE INGREDIENT:

Contains 750g/kg tribenuron-methyl in the form of a water dispersible granule.



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

1kg

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GRANIT[®] | READ LABEL CAREFULLY BEFORE USING



PEEL HERE

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

HAZARD CLASSIFICATION: 6.3B, 6.4A, 6.5B, 6.9B, 9.1A, 9.2A

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 mild skin irritation and sensitization from prolonged skin contact. May cause eye irritation. May cause damage to organs through prolonged or repeated exposure

ECOTOXICITY

Very toxic to aquatic organisms. Avoid contamination of any water supply with chemical or empty container. **Very toxic to the soil environment.** Selective herbicide - very toxic to some plant species. Decontaminate spray equipment before use on a sensitive crop.

Beware - Apply this product carefully. Spray drift may cause serious damage to desirable plants. Do not apply or flush equipment onto or near desirable trees or plants or on areas where their roots may extend or in locations where the chemical may be washed or moved into contact with their roots. Do not apply directly into or onto water.

Registered pursuant to the ACVM Act 1997, No P8045. See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSNO Act 1996, Code: HSR000234. See www.epa.govt.nz for approval controls.

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

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, well ventilated area away from foodstuffs, fertilisers and seeds. Stores containing 100kg of GRANIT are subject to signage and secondary containment. More than 100kg require emergency response plans.

PERSONAL PROTECTION

Avoid contact with skin and eyes. Do not breathe dust and spray mist. When handling wear protective clothing such as gloves, eye protection, overalls and boots. 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. Decontaminate spray equipment after use.

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.

FIRST AID

If medical advice is needed, have product container or label at hand. If swallowed DO NOT induce vomiting. For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If skin irritation or rash occurs: Get medical advice. Wash contaminated clothing before reuse. 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 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 if you feel unwell.

SPILLAGE

In case of spillage, sweep up solids without creating a dust and place in waste containers, 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 CHEMCALL (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.

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.

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 GRANIT from mixing and spraying equipment as follows:

1. Drain tank, then flush tank, booms and hoses with clean water for a minimum of 10 minutes.
2. Fill the tank with clean water and add 1litre chlorine bleach (containing 3% solution sodium hypochlorite) per 100L of water. Flush through booms with agitation then drain.
3. Repeat step 2.
4. Nozzles and filters should be removed and cleaned separately.
5. To remove traces of chlorine bleach, rinse tank thoroughly with clean water and flush through hoses and boom

RESISTANCE MANAGEMENT

GRANIT contains tribenuron-methyl, a **GROUP 2 HERBICIDE** from the sulfonylurea chemical group with the inhibition of acetolactate synthase ALS mode of action. Naturally occurring weed biotypes resistant to sulfonylurea herbicides are known to exist. These become more prevalent after many years of continuous use of the product. To prevent or delay development of resistant biotypes, use GRANIT 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

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.

Situation	Rate	Weeds controlled	Critical comments
Wheat, barley, oats	15g/ha	Californian thistle ¹ , chickweed, fathen, scarlet pimpernel, scotch thistle, shepherds purse, spurrey, willow weed	Apply at any stage from the 2 leaf stage (GS12) up to just before the boot stage (GS39). For best results apply before the crop canopy covers small weeds. Weeds should be no larger than 5cm tall or across. Where treatment is delayed or where weeds are not actively growing, weeds may only be stunted or suppressed.
	25g/ha	Redroot, twin cress, wireweed	Use the higher rate plus surfactant for these weeds.
Barley only	15g/ha		To improve the spectrum of weeds controlled, GRANIT can be tank mixed with Cougar or Combine. Follow the label recommendation for the tank mix partner.
Conservation tillage: brassica, cereals, new pasture, peas, potatoes, squash	40g/ha	Clovers, sheep's sorrel, ragwort ² , yarrow	To improve control of certain broadleaved weeds, GRANIT may be tank mixed with Ravensdown Glyphosate 360 and Accelerate penetrant. Do NOT sow crops until 14 days following application of GRANIT. Do NOT sow brassica species if the soil pH exceeds 6.5. Do NOT use GRANIT within 2 months after applying lime.

NOTES:

¹Apply to rosettes (10-15cm tall). Thistles germinating after application will not be controlled.

²Ragwort plants become more palatable after spraying. Do NOT graze until treated plants brown out. Combine® and Cougar® are Registered Trademarks of Bayer New Zealand Limited.

GENERAL DIRECTIONS

GRANIT is a sulfonyleurea herbicide which is non-hormonal and non-volatile. GRANIT works best when applied to weeds that are small and actively growing. Susceptible weeds will stop growing soon after treatment but symptoms may take 1-3 weeks to appear. GRANIT works quicker under warm, moist growth conditions and slower under cold, dry conditions following application.

Do NOT spray crops that are under stress from drought, water logging, disease or insect damage, as crop damage may occur. Crop damage may also occur if these conditions occur after spraying. Do NOT apply GRANIT to crops under-sown with white clover or lucerne.

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

MIXING

Add the required quantity of GRANIT to spray tank partly filled with water and maintain agitation through filling and spraying. Ensure GRANIT is thoroughly mixed before adding any other pesticide to the tank. Use all spray solution within 24hr as degradation may occur.

COMPATABILITY

Granit is compatible with most commonly used herbicides, insecticides and fungicides.

SURFACTANT

Always add a non-ionic surfactant such as Widespread 1000 at the label recommended rate unless using in tank mix with another product that contains a surfactant.

APPLICATION

Use a minimum of 60L of water per hectare in all methods of application. Crop injury may result in spray overlap and when starting, slowing or stopping, shut off the boom.

RAINFALL

Rainfall within 1 hour of application may reduce the effectiveness of GRANIT.

WEEDS NOT CONTROLLED

Cleavers, speedwell, wild oats

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.

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