

WARNING - TOXIC - KEEP OUT OF REACH OF CHILDREN. ECOTOXIC


ravensdown

HERBICIDE

GROUP 5

Betamix[®]

For the control of broad-leaved weeds in fodder, sugar and red beets

ACTIVE INGREDIENT:

Contains 160g/litre phenmedipham and 160g/litre desmedipham in the form of a suspension concentrate.



Distributed by:
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Registered to:
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BATCH:
D.O.M:

NET CONTENTS
10 Litres

ravensdown 

BETAMIX® | 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.



HAZARDS

TOXICITY

Causes serious eye irritation. May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure.

ECOTOXIC

Very toxic to aquatic life with long lasting effects. Do not apply directly into or onto water.

Toxic to the soil environment.

WARNING: APPLY THIS PRODUCT CAREFULLY. SPRAY DRIFT MAY CAUSE SERIOUS DAMAGE TO OTHER DESIRABLE PLANTS

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

HANDLING PRECAUTIONS

STORAGE

Keep out of reach of children. Store in accordance with NZS 8409 Management of Agrichemicals. Store in original container tightly closed and in a locked dry, cool, well-ventilated area, away from foodstuffs and out of direct sunlight. Storage of more than more than 100 litres it is subject to secondary containment and signage. More than 100L require emergency response plans.

PERSONAL PROTECTION

Do not breathe mist or spray. When handling, wear full protective clothing such as impervious gloves, respirator, waterproof hat, coat and trousers (worn outside rubber boots). Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke while using this product. Remove protective clothing and wash hands and face thoroughly before meals and after work. See Safety Data Sheet for further information.

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. Avoid contamination of any water supply with product or empty container

FIRST AID

If swallowed, do NOT induce vomiting. For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin contact occurs, remove contaminated clothing and flush skin with running water. If skin irritation or rash occurs: Get medical advice/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 advice/attention. If inhaled, move the victim to fresh air immediately. Get medical advice/attention.

SPILLAGE

When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section. Contain the spill by damming, recover spilt product by absorbing with sawdust or an inert absorbent material then transfer the recovered spilt material to a properly labelled drum. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

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.

DIRECTIONS FOR USE

Betamix is a post-emergence selective herbicide for broad-leaved weed control in fodder, sugar and red beets

MIXING

Ensure spray equipment is thoroughly cleaned before use. Add the required amount of Betamix to a partly-filled spray tank with the agitation system operating. Add the remaining water and any tank mixture partners. Maintain agitation until spraying is complete. Flush equipment with clean water after use.

NB: Do not mix Betamix with any foliar nutrients or surfactants. Do not allow spray mixture to stand overnight. Do not apply in more than 300 litres of water per hectare.

APPLICATION RATES

Crop	Timing	Rate	Critical comments
Sugar beet and red beet	Apply after the crop has 2 true leaves fully developed.		
	Weeds up to 4 true leaf.	3 litres/ha in 200 litres of water.	Damage may occur, especially on Red Beet, if treated prior to the 2 true leaf stage. Best results are obtained when weeds are treated at the youngest possible stage.
	Weeds from 4-6 true leaves and hard-to-kill weeds up to 4 true leaves.	4.5 litres/ha in 200 litres of water.	
Fodder beet	Apply after the crop has 2 true leaves fully developed.	1.5 litres/ha in 200-300 litres of water.	Best results are obtained by applying Betamix following a pre-emergence application of Fumate*. After crop emergence and when weeds are cotyledon to 2 true leaf stage apply Betamix with Fumate* at 2 L/ha. Betamix should then be applied alone 10-14 days later

* Fumate is the registered trademark of Ravensdown Limited

SUSCEPTIBLE WEEDS INCLUDE:

Seedling stages of: Chickweed, Fathen, Fumitory, Groundsel, Redroot, Shepherd's purse, Spurrey, Nettle and Twin cress. Black nightshade, Cornbind and Willow weed are controlled only up to four true leaf stage.

RESISTANT WEEDS INCLUDE:

Grass weeds, mature annual broad-leaved weeds, perennial broad-leaved weeds and wireweed.

ADDITIONAL INFORMATION

Betamix may be broadcast or band-sprayed. For band treatment ensure that the use rate per sprayed area is consistent with label recommendations. Do not apply if air temperature is likely to rise above 29 °C and avoid treatment if rain is likely before spray has dried on foliage. Herbicide activity will be slowed down in cool weather.

RESISTANCE MANAGEMENT

GROUP 5 HERBICIDE Phenmedipham and desmedipham are phenyl-carbamate herbicides. These have the inhibition of photosynthesis at photosystem II mode of action. Certain individual biotypes may become resistant. To minimise the risk of these weeds dominating the population, use strictly in accordance with the label directions and use herbicides from alternative mode of action groups at other times.

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.

Fodder Beet – 56 days. Do not graze stock on treated areas for 56 days after spraying.

Registered pursuant to the ACVM Act 1997 P9877.

See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSN0 Act 1996, Code: HSR101472. See www.epa.govt.nz for approval conditions.

PHONE **0800 100 123**

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



CONDITIONS OF SUPPLY

All goods supplied by us are produced under rigid quality control procedures that assure the purchaser that at the time of sale they are physically suitable for use in the manner stated. However as we cannot exercise control over matters such as mixing, use, climatic conditions, time of application, crop or crop stage, and the possible development of resistance to the active ingredient, we cannot guarantee any application results. No liability will be accepted for any damage injury or loss which arises from the storage, handling, application or use of the goods.