

DANGER – KEEP OUT OF REACH OF CHILDREN. ECOTOXIC


ravensdown

HERBICIDE

GROUP 3

Triflow 480

Selective pre-emergence soil incorporated herbicide for the control of certain annual grasses and broadleaf weeds in field and vegetable brassicas, lucerne, peas and specific vegetable crops

ACTIVE INGREDIENT:

Contains 480g/litre trifluralin in the form of an emulsifiable concentrate. Also contains 492g/litre hydrocarbon liquid.



Registrant: Ravensdown Ltd

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ravensdown.co.nz

BATCH:

D.O.M:

NET CONTENTS
20 Litres

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TRIFLOW 480 | 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: 6.1D, 6.3B, 6.4A, 6.5B, 6.9A, 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

Toxic - May cause organ damage from repeated oral exposure at high doses.
Harmful - May be harmful if swallowed.
 May cause mild skin irritation. May cause eye irritation. May cause sensitisation from prolonged skin contact.

ECOTOXICITY

Very toxic to aquatic organisms. Avoid contamination of any water supply with chemical or empty container. Do not apply directly into or onto water.
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. Ensure compliance with any relevant regional air management plans.
 Do not allow spray drift over aquatic environments.

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 100L of TRIFLOW 480 are subject to signage and secondary containment. More than 100L require emergency response plans.

PERSONAL PROTECTION

Avoid contact with skin and eyes and do not inhale spray mist. When handling wear protective clothing such as chemically resistant 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.

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.

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.

Crop	Rate of application litres per hectare		Time of application
	0-4% organic matter (sandy or light soils)	5-8% organic matter (clay, silt or loam soils)	
Ridged and drilled crops: choumoellier, kale, rape, swedes, turnips, carrots, parsnips, celery, sunflower, haricot beans, lima beans, soybeans	1.7L	2.5L	Immediately before or up to 6 weeks prior to sowing.
French beans, linseed, lucerne, oilseed rape	1.25-1.7L	1.7-2.1L	Apply immediately before planting where conditions are favorable for rapid germination.
Peas (process and field crops)	1.25-1.7L	1.7-2.5L	Under cold, wet soil conditions, apply at least 14 days pre-planting.
Inter-row established crops: pumpkins, squash, melons, cucumbers	1.7L	2.5L	Post-emergent, incorporate inter-row.
Transplant crops: cabbage, cauliflower, brussels sprouts, broccoli, celery, tomatoes, peppers	1.7L	2.5L	Immediately before or up to 6 weeks prior to transplanting.

FIRST AID

If medical advice is needed, have product container or label at hand. If swallowed, Rinse mouth. DO NOT induce vomiting. 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, 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.

TRANSPORT

Do not carry this product 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.

GENERAL INFORMATION

TRIFLOW 480 is a selective pre-emergence soil incorporated herbicide for the control of certain varieties of germinating annual grasses and broadleaf weeds in field and vegetable brassicas, lucerne, peas, and certain vegetable crops. See Directions for Use table for all crops. TRIFLOW 480 applied according to directions and under normal growing conditions will not harm the treated crop, however under extreme weather conditions or if the seedlings are affected by disease or insect attack the possibility of crop damage may increase. Under such conditions, crop development may be delayed or yields reduced. Sowing linseed deeper than 3cm may result in some linseed stand reduction. After prolonged cold wet or dry conditions certain subsequent crops are susceptible to injury when planted into soil previously treated with TRIFLOW 480. It is recommended not to plant sensitive grasses such as ryegrass or wheat for 12 months following an application of TRIFLOW 480.

GENERAL DIRECTIONS

TRIFLOW 480 controls weeds as they germinate, but will not control established weeds. TRIFLOW 480 is affected by ultra violet light so incorporation must take place definitely within eight hours and ideally immediately. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

APPLICATION

Soil should be free of foreign matter, trash and large clods. Do not apply to excessively wet soil and avoid unnecessary boom overlaps. Apply TRIFLOW 480 evenly to the soil surface in 100-400L of water per hectare, at pressures of 200-300kPa.

NOTE: Thorough incorporation is necessary for weed control.

INCORPORATION EQUIPMENT

- Power Driven Rotary implements, set, to cut to a depth of 5-10cm. NB Lely Roterra may be used only if the spray boom is mounted on the implement.
- Tandem Discs, set to cut 8-15cm deep and operated at 6-10km/h.
- Heavy spike, Dutch or diamond harrows operated at 10-13km/h. Trailing harrows must be weighted with 20-30kg per section.
- D) Note: CHAIN HARROWS ARE NOT RECOMMENDED.**

N.B. For thorough incorporation a minimum of two workings in different directions is essential (except for rotary hoe and Lely Roterra). Soil surface must be left relatively clod free. Clod size 4cm diameter max.

WEEDS CONTROLLED

Annual poa, bladder campion, cleavers*, barnyard grass, red dead-nettle, wild portulaca, bristle grass, catch fly, cornbind, summer grass, redroot, wireweed, witchgrass, chickweed, fathen, wild oat*†, scarlet pimpernel, yellow gromwell, amaranth spp, calandrinia, spurry (year), purple amaranth.

† For wild oats a minimum rate of 1.7L per hectare is required.

* Seeds germinating below the zone of incorporated TRIFLOW 480 may not be controlled.

WEEDS NOT CONTROLLED

Black nightshade, clovers, daisies, fumitory, mallow, shepherds purse, storksbill, thistles, twincrest, wild turnip and willow weed (redshank).

SOIL ORGANIC MATTER WARNING:

Do not use on soils with 9% or higher organic matter content, or peat type soils.

RESISTANCE MANAGEMENT

TRIFLOW 480 contains trifluralin, a **GROUP B HERBICIDE** from the dinitroaniline chemical group with the microtubule assembly inhibition mode of action. To prevent or delay development of resistant biotypes, use TRIFLOW 480 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.

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.

Registered pursuant to the ACVM Act 1997, No.P7201. See www.foodsafety.govt.nz for registration conditions. Approved pursuant to the HSN0 Act 1996, Code: HSR000576. 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