

**CORROSIVE  
DANGER – KEEP OUT OF REACH OF CHILDREN. ECOTOXIC**

  
**ravensdown**

**HERBICIDE**

# Hat-Trick

For the control of broadleaf  
weeds in wheat, barley, oats  
and ryegrass seed crops

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**ACTIVE INGREDIENT:**

Contains 600g/litre mecoprop, plus 150g/litre  
MCPA and 18.7g/litre dicamba in the form of a  
soluble concentrate.

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**Registrant: Ravensdown Ltd**  
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BATCH:  
D.O.M:

**NET CONTENTS  
20 Litres**

ravensdown 

# HAT-TRICK | 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, 6.5B, 6.9A, 8.3A, 9.1A, 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.

<p><b>TOXICITY</b>  <b>Harmful</b> - Harmful if swallowed. May be harmful if absorbed through the skin. May cause sensitisation from prolonged skin contact.  <b>Toxic</b> - May cause organ damage from repeated oral exposure at high doses.  <b>CORROSIVE</b>  <b>Danger</b> - This product is corrosive and may cause eye damage.</p>	<p><b>ECOTOXICITY</b>  <b>Very toxic to aquatic organisms.</b> Avoid contamination of any water supply with chemical or empty container. Do not apply directly into or onto water.  <b>Very toxic to the soil environment.</b> Selective herbicide - very toxic to some plant species. Decontaminate spray equipment before use on a sensitive crop.  <b>Beware - apply this product carefully. Spray drift may cause serious damage to desirable plants.</b> Ensure compliance with any relevant regional air management plans. Do not allow spray drift over aquatic environments.  <b>Harmful to terrestrial vertebrates.</b></p>
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## HANDLING PRECAUTIONS

<p><b>STORAGE</b>  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 HAT-TRICK are subject to signage and secondary containment. More than 100L require emergency response plans.  <b>PERSONAL PROTECTION</b>  Avoid contact with skin and eyes and do not inhale 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.</p>	<p><b>EQUIPMENT</b>  Apply using well maintained and accurately calibrated equipment. Flush equipment thoroughly with clean water after use.  <b>RECORD KEEPING</b>  Records of use as described in NZS 8409 Management of Agrichemicals must be kept.  <b>DISPOSAL</b>  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.</p>
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## FIRST AID

If medical advice is needed, have product container or label at hand. If swallowed, Rinse mouth. DO NOT induce vomiting. For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor if you feel unwell. 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 contact with eyes occurs, wash out immediately with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. If inhaled, move the patient to fresh air immediately. Begin artificial respiration if breathing has stopped.

## 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.

## 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.

## 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	Weeds controlled	Rate per hectare	Critical comments
Wheat, barley, oats, ryegrass seed crops	Annual nettle, black nightshade, mouse eared chickweed, catchfly, wireweed, mallow species, redroot, spurrey, shepherd's purse, twincrest, thistles (nodding, Scotch, sow, winged and Californian thistle regrowth from rootchips), cornbind, docks, fathen, hedgemustard.	3-3.5L/ha using 150-200L of water	Apply to seedling weeds. Use the higher rate when weeds are at the 6 to 8 true leaf stage.
	Cleavers, fumitory, stinking mayweed, chamomiles, speedwells - scrambling, yarrow, water pepper.	3.5-4L/ha using 150-200L of water	Apply to seedling weeds. Use the higher rate when weeds are at or over the 6 true leaf stage. Use 4L/ha for stinking mayweed, chamomiles, yarrow and water pepper.

## GENERAL DIRECTIONS

Before opening, carefully read warning statement, precautions instructions, first aid instructions and 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.

## APPLICATION

Apply when the cereal crop is at the 4-leaf stage. Apply HAT-TRICK from late autumn to early winter in ryegrass seed crops when the grass is at least at the 4-6 leaf stage of growth. Do not apply after the cereal and ryegrass seed crops have reached the 'jointing' or 'node' stage. Best results are obtained when the weeds are actively growing and not under stress. For consistent results, water volumes should not be less than 150L per hectare. Do not exceed the recommended application rate. Do not overlap or "spray out" corners when spraying.

## MIXING

Add the required quantity of HAT-TRICK to spray tank partly filled with water and maintain agitation throughout filling and spraying.

## COMPATIBILITY

HAT-TRICK is compatible with most commonly used herbicides.

## 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 HAT-TRICK 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:

HAT-TRICK contains mecoprop and mcpa, both a [GROUP 0] HERBICIDE | from the phenoxy carboxylic acid chemical group and dicamba, a [GROUP 0] HERBICIDE | from the benzoic acid chemical group with the action like indole acetic acid (synthetic auxins) mode of action. Naturally occurring weed biotypes resistant to phenoxy carboxylic acids and dicamba 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 HAT-TRICK in tank mixture or rotation with herbicides of a different mode of action against the weed. Consult [www.resistance.nzpps.org/](http://www.resistance.nzpps.org/) for alternative modes of action and details of resistance management strategies (if any) for the crops listed on the label.

## RAINFALL

DO NOT spray if rain is expected within 6 hours of spraying, however 12 hours drying time is preferable.

Registered pursuant to the ACVM Act 1997, No.P7116. See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions. Approved pursuant to the HSN0 Act 1996, Code: HSR000353. See [www.epa.govt.nz](http://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](http://www.agrecovery.co.nz)