

WARNING – KEEP OUT OF REACH OF CHILDREN. ECOTOXIC



HERBICIDE GROUP 5

# Atratec

For the control of broadleaf weeds and annual grasses in maize, sweetcorn, established lucerne and linseed

**ACTIVE INGREDIENT:**  
Contains 900g/kg atrazine 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  
10Kg

Proper shipping name:  
ENVIRONMENTALLY HAZARDOUS  
SUBSTANCE, SOLID, N.O.S.  
(contains atrazine)



ATRATEC		
In a 24 hour emergency phone 0800 Chemcall (0800 243 622)		
UN NUMBER 3077	PACKING GROUP III	HAZCHEM 2Z

ravensdown

## ATRATEC | 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 STATEMENTS	
<b>QUALIFIED PERSON:</b> This product must be under the control of a Qualified Person or Contractor, as per Part 4C of the Hazardous Property Controls EPA Notice.	
<b>TOXICITY</b> Harmful - Harmful if swallowed, inhaled or absorbed through the skin. May cause damage to organs.	<b>ECOTOXICITY</b> <b>Very toxic to aquatic life with long lasting effects.</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> <b>Harmful to terrestrial vertebrates.</b> Ensure any granules are not accessible to birds.
HANDLING PRECAUTIONS	
<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 100kg of ATRATEC are subject to signage and secondary containment. More than 100kg require emergency response plans.	<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. Crush and bury empty packaging in an approved landfill. Do not burn. Do not use container for any other purpose. Dispose of product only by using in accordance with label directions or dispose of safely at a managed landfill.
<b>PERSONAL PROTECTION</b> Avoid contact with skin and eyes. Do not inhale dust and spray mist. Use only outdoors or in a well-ventilated area. 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.	

**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 occurs. Get medical advice/attention. Wash contaminated clothing before reuse. If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. If splashed in eyes, wash out immediately with water. 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. Sweep up solids without creating a dust. Contain liquid spills and absorb with inert material such as soil or sand etc., 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 more than 10kg of ATRATEC 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.

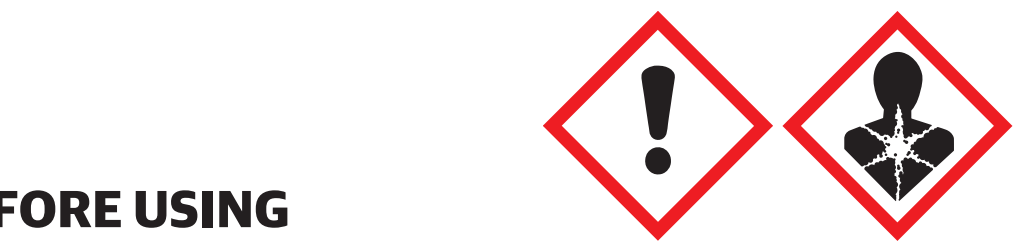
**WARRANTY AND LIMITATION**  
**IMPORTANT:** Read this notice before opening the container. The registrant warrants that when packed the active ingredient of this product is as specified on this label within accepted analytical tolerances. The registrant gives only those other warranties that are required 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.

**GENERAL DIRECTIONS**  
ATRATEC is absorbed through leaves and roots ensuring a high degree of weed control when used as a post emergence spray. For maximum residual effectiveness it should be applied to a smooth clod free moist soil. Application to drains, ditches and irrigation channels must only be made when waterways are dry and when at least two months will elapse before they carry water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

**APPLICATION EQUIPMENT**  
ATRATEC is non-corrosive and almost non-abrasive and can be applied with conventional ground, aerial and spot spraying equipment. Do not use strainers finer than 300 micrometres.

**MIXING**  
Atratec mixes readily with water. Pour the correct quantity into the partially filled (50%) spray tank with agitation running, and then add the remaining water with agitation. The spray mixture must be kept agitated before and during spraying and before spraying after a stoppage. Unused spray mixture may settle out overnight.

**Note:** When using ATRATEC in mixtures with other herbicides ALWAYS add the ATRATEC to the tank first and mix as directed, then add the partner product with agitation to the almost full spray tank.



DIRECTIONS FOR USE	
<b>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.</b>	
<b>LINSEED</b>	
Rate of application	Use 500g ATRATEC in combination with 750ml of Pasture Guard MCPA 750 per hectare in 200-400L of water.
Time of application	This combination will give control of MCPA susceptible weeds, spurry, willow weed, combind, fumitory, wireweed and chickweeds. Linseed should be sprayed between the two true leaf stage and 10cm high.
<b>ESTABLISHED LUCERNE</b>	
Rate of application	Use 900g ATRATEC plus 1.6-2.4L of Parable 250 in 200-400L of water per hectare. Use 1.1kg of ATRATEC on storksbill larger than 4 true leaves.
Time of application	For the control of annual grasses, shepherds purse, subterranean clover, storksbill, scrambling speedwell and many other broadleaf weeds. Apply to closely grazed Lucerne stands during the winter months when the lucerne is dormant.
Caution	Lucerne must be well established and over one year old. Weed growth should be short, clean and free from soil contamination. Do not spray immediately following heavy grazing - allow a few days for weed growth to freshen up. Do not apply when frost is still on the foliage. Avoid excessive boom overlap when spraying.
<b>MAIZE AND SWEETCORN</b>	
Rate of application	Use 1.1-1.9kg per hectare in 200-400L of water.
Time of application	ATRATEC should be applied as an early post emergence spray to actively growing seedling weeds not greater than 5cm high. When applied as an early post-emergence spray ATRATEC will control annual broadleaf weeds including fathen, black nightshade, willow weed and apple of Peru. The addition of a surfactant is important for maximum contact effect. It is important that weeds are actively growing in moist soil and not growing under hardened growth conditions. ATRATEC can be used on maize and sweetcorn at any growth stage with complete safety. Provided the spray has dried on the foliage, rain following application will not be detrimental.
Grass weeds	Where annual grasses such as barnyard grass, bristle grass, crowfoot grass, summer grass and witch grass are part of the weed spectrum, a combination of ATRATEC plus other maize herbicides containing acetochlor is recommended as a pre-emergence application.
Note	Some fathen plants ( <i>Chenopodium album</i> ) may be resistant to atrazine products, an alternative post emergence herbicide such as dicamba may be necessary to remove them.

**COMPATIBILITY**  
ATRATEC may be used in tank mixture with most other agrochemicals.  
**SPRAYER DECONTAMINATION**  
Always wash tank and flush equipment thoroughly with clean water after use. To avoid subsequent contamination of crops, immediately after spraying thoroughly remove all traces of ATRATEC 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 125g 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.  
**SOIL RESIDUES**  
Residue of ATRATEC can adversely affect crops such as brassicas, beetroot, beans, cucurbits, lettuce and tomatoes. DO NOT plant crops other than maize or sweetcorn unless the area treated has been ploughed and thoroughly cross-cultivated. An indicator crop such as radishes can be used to show if residues remain.

**RESISTANCE MANAGEMENT:**  
ATRATEC contains atrazine, a Group 5 herbicide from the triazine chemical group with the inhibition of photosynthesis at photosystem II mode of action. Naturally occurring weed biotypes resistant to atrazine and other triazine herbicides are known to exist. These become more prevalent after many years of continuous use of the product. Species with known resistant biotypes include fathen and willow weed. To prevent or delay development of resistant biotypes, use ATRATEC 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.

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PHONE 0800 100 123