

WARNING | TOXIC ECOTOXIC
KEEP OUT OF REACH OF CHILDREN

ExtractaTM
Herbicides

Atrazine 500

Manufactured for Wholesale Seeds Ltd by:

Danken New Zealand Ltd

P.O. Box 16194 Hornby 8441 Christchurch, New Zealand
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Active Ingredient: 500 g/L Atrazine in the form of a suspension concentrate.
Also contains 40g/L Ethylene Glycol

GROUP 5 HERBICIDE

PerformaTM
Crop Protection

A selective herbicide for weed control in maize and lucerne



READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Registered pursuant to the ACVM Act 1997, No. P10134
See www.foodsafety.govt.nz for registration conditions
Approved pursuant to the HSNO Act 1996, HSR000534
See www.epa.govt.nz for approval conditions



Batch No:

Date of Manufacture:

Net Contents:

20 Litres

Wholesale Seeds

5 Bryant Street, Ashburton | 03 307 9260 | Wholesaleseeds.co.nz

READ LABEL COMPLETELY BEFORE OPENING AND USING PRODUCT SHAKE OR STIR WELL BEFORE USE

GHS CLASSIFICATION:

Acute oral toxicity Category 4,
Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1.



WARNING

Harmful if swallowed. May cause damage to organs through prolonged or repeated exposure. Do not breathe spray mist or vapours.

ECOTOXICITY

Very toxic to aquatic life with long lasting effects. Do not apply onto or into water. Avoid contamination of any water supply with product or empty container. Avoid release to the environment. Collect spillage.

Very toxic to the soil environment. Harmful to terrestrial vertebrates.

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

BEWARE: Spray drift hazard. Apply this product carefully. Spray drift may cause serious damage to other desirable plants. Do not allow drift to occur outside the target area.

Not to be applied directly onto or into water.

PERSONNEL QUALIFICATIONS

Anyone who mixes, loads, or applies this product, either by air or ground based methods, is required to be suitably qualified. Refer to Schedule 10 of the Hazardous Substances (Hazardous Property Controls) notice 2017 for a list of suitable qualifications.

RECORD KEEPING

Records of use as described in NZS 8409 Management of Agrichemicals must be kept if using 3kg or more of **EXTRACTA HERBICIDES ATRAZINE 500** is applied to an application area within 24 hours.

HANDLING PRECAUTIONS

PERSONAL PROTECTION

Avoid contact with eyes and skin. Avoid inhalation of spray mist. When mixing or applying, wear overalls, boots, gloves and eye protection. Clean protective equipment daily after work. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

STORAGE

Keep out of reach of children. Store in the original container, tightly closed, in a locked cool, dry and well-ventilated area away from feed or foodstuffs. Avoid storage at temperatures below 5°C and above 35°C. Storage must be in accordance with the current version of NZS 8409 Management of Agrichemicals. Stores containing 100 L or more of **EXTRACTA HERBICIDES ATRAZINE 500** are subject to signage, secondary containment and an emergency response plan.

EQUIPMENT

Apply with well-maintained and calibrated spray equipment.

DISPOSAL

Dispose of this product only by using in accordance with this label, or at a suitable landfill.

Triple rinse container and add rinsate to the spray tank. Dispose of container to a suitable landfill or agricultural recycling scheme. Do not burn. Do not use container for any other purpose.

First Aid

If swallowed, Rinse mouth, do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Wash contaminated clothing before re-use. If splashed in eyes, wash out immediately with water. For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If medical advice is needed, have product container or label at hand.

Emergency Response

In a transport emergency call 111, Police or Fire Brigade. For specialist advice in an emergency only, call 0800 CHEMCALL (0800 243 622) (24 hrs).

Spillage

Exclude non-essential people from the area. Wear protective clothing and prevent material from entering waterways. Absorb spill with inert material such as soil, sand, etc, and place in waste container. Wash area with water, and absorb with further inert material. Dispose of safely to a suitable landfill.

Safety Data Sheet

Additional information is provided in the safety data sheet which is available from the distributor.

WARRANTY

This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

**DIRECTIONS FOR USE
GENERAL INFORMATION**

EXTRACTA HERBICIDES ATRAZINE 500 is a post-emergence herbicide which selectively controls certain broadleaf weeds and grasses in various crops. This product is absorbed through the leaves and roots and inhibits photosynthesis. For best results emerging weeds should be young and actively growing and the soil surface moist and clod free.

MIXING

Shake the container well before use. For large containers, roll and invert several times or use mixer to ensure uniform re-suspension of the contents. Add the required quantity into the partly filled tank, then add the remaining water with agitation. The spray mixture should be kept agitated before and during spraying after a stoppage. Unused spray mixture may settle overnight.

SOIL CONDITIONS

To obtain maximum residual effect, **EXTRACTA HERBICIDES ATRAZINE 500** should be applied to smooth clod-free soil. Moisture in the surface soil is essential for good results.

APPLICATION

Apply at 200-400 L water/ha using conventional spray equipment. Higher volumes of water are desirable as this increases the evenness and accuracy of distribution.

COMPATIBILITY

This product is compatible with commonly used herbicides. If uncertain, seek advice from your local Danken New Zealand Limited representative. If allowed to stand, agitate vigorously before using.

CROP ROTATION

Residues resulting from the use of **EXTRACTA HERBICIDES ATRAZINE 500** can adversely affect certain susceptible crops such as tomatoes, cucurbits, brassicas, lettuce, beetroot and beans. Do NOT plant crops other than maize and sweetcorn after applying **EXTRACTA HERBICIDES ATRAZINE 500** unless the area has been ploughed and cross-cultivated thoroughly and it is certain that there are no residues remaining. This can be confirmed by use of an indicator crop, e.g. radishes.

REGULATORY STATEMENTS: 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

RESISTANCE MANAGEMENT **GROUP 5 HERBICIDE**

EXTRACTA HERBICIDES ATRAZINE 500 is a Group 5 herbicide from a triazine chemical group with the inhibition of photosynthesis at photosystem II mode of action. Naturally occurring biotypes of species such as fathen and willow weeds, resistance to Atrazine can occur after many years of continuous use of the product. To prevent resistance development, use Atrazine in tank or in rotation with alternative herbicides having 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. For further resistance management information see: ww.resistance.nzpps.org for alternate modes of action and the details of resistance management strategies for the crops listed on the label.

SITUATIONS FOR USE/ 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.

Crop	Weeds Controlled	Rate Per Hectare	Comments
Maize, sweetcorn	Broadleaf weeds including Amaranthus, fathen, black nightshade, willow weed, redroot, apple of Peru.	1.5-3 L/ha	Apply as an early post-emergence spray (within 7 days of sowing). It is important that weeds are actively growing in moist soil and not more than 2 cm in height. Do not apply under dry slow-growth conditions. Application may safely be made at any growth stage of the crop. Shallow moulding to a depth of 3 cm 7-10 days after spraying can improve weed control where soil moisture is low.
	Some fathen plants are resistant to atrazine. If those plants are present an alternative herbicide will be necessary for control.		Apply in 200-400 L water/ha as a directed band spray or as an overall spray. The addition of a non-ionic wetting agent is recommended.
	Broadleaf weeds as above and annual grasses	1.5-3 L/ha + suitable grass herbicide	Apply in 200-400 L water/ha with a recommended grass herbicide at the appropriate rate. Apply as a directed band spray or as an overall spray. The addition of a non-ionic wetting agent is recommended.
Established lucerne at least one year old	Annual grasses and seedling broadleaf weeds such as shepherd's purse, subterranean clover and storksbill	1.5-2 L/ha + 2-3 L/ha paraquat (20% a.i.)	Apply in 200-300 L water/ha. Use higher rates only when storksbill is the predominant weed. Apply to closely grazed lucerne stands during the winter months when lucerne is completely dormant. Do NOT apply if the ground is excessively wet or in frost conditions. Allow a few days after grazing for weed to recover before spraying.
Non-Cropland Area	Annual grasses and broadleaf weeds	4.5 L/ha	Apply in 200-400 litres water with a suitable knockdown herbicide. Apply in spring at the first sign of growth.