

185 mm x 210mm

Keep out of reach of children
ECOTOXIC

AgSta 

Ultrazine 500

HERBICIDE

Residual herbicide for the control of certain broadleaf weeds and seedling grasses in maize, sweetcorn, linseed and established lucerne.

ACTIVE INGREDIENT:

500g/litre atrazine in the form of a suspension concentrate.

Net contents: 20 L



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PLEASE READ THE LABEL COMPLETELY BEFORE USE

This product must not be used for any purpose, or in any manner, contrary to this label unless authorised under appropriate legislation.

HAZARD CLASSIFICATION

Acute oral toxicity Category 4, Specific target organ toxicity (repeated) 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.

TOXICITY Harmful if swallowed. May cause kidney damage through repeated oral exposure.

ECOTOXICITY Very toxic to aquatic life with long lasting effects. Toxic to terrestrial vertebrates. Do not apply directly onto or into water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. Selective herbicide – very toxic to the soil environment.

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.

QUALIFIED HANDLER This product must be under the control of a suitably qualified handler when mixed, loaded or applied.

RECORD KEEPING If 3 kg or more is applied within 24 hours in a place where Ultrazine 500 is likely to enter air or water and leave the application area, the person in control must ensure that a written record is kept for each application.

HANDLING PRECAUTIONS

PERSONAL PROTECTION Avoid contact with skin or eyes and inhalation of spray mist. When handling wear eye protection, waterproof gloves, boots and overalls. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash contaminated clothing and protective equipment before re-use.

STORAGE Store in the original container tightly closed and in a secure, dry, cool, well-ventilated area away from food, feedstuffs, fertilisers and seeds. Store in accordance with the current version of NZS 8409 Management of Agrichemicals. Stores containing 100 L or more of **Ultrazine 500** require bunding, signage and an emergency response plan.

SPILLAGE AND DISPOSAL Avoid contamination of any water supply with product or empty container. Collect spillage. Wear appropriate protective clothing. Absorb spills with inert material and place in waste containers that can be sealed for disposal. Wash area with water and detergent, and absorb with further inert material such as sand, soil or sawdust. Dispose of waste safely in an approved landfill.

Product Disposal- Dispose of product only by using according to the label, or at an appropriate landfill. Dispose of unused spray mix and equipment cleaning water onto non-grazed and non-cropped ground away from edible and flowering plants. Do NOT dispose of this product, spray mix or equipment cleaning water down drains or sewers.

Container Disposal- Triple rinse empty container and add rinsate to spray tank. Recycle empty container. Otherwise crush and bury in a suitable landfill.

FIRST AID For advice, contact the National Poisons Centre 0800 POISON (0800 764766) or a doctor. Have product label or container at hand. If swallowed do NOT induce vomiting. Rinse mouth. Get medical advice if person feels unwell. If splashed in eyes, wash out immediately with running water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention. If skin or hair contact occurs, remove contaminated clothing and wash affected area with soap and running water. If skin irritation occurs, get medical attention. If inhaled, immediately move to fresh air and rest.

EMERGENCY RESPONSE In a transport emergency call 111, Police or Fire Brigade.

GENERAL INFORMATION

Ultrazine 500 is absorbed through leaves and roots and acts best on young weeds as a post-emergence spray. It should be evenly applied to smooth clod-free soil. Moisture in the soil surface is essential for good results. Avoid spray overlaps.

MIXING AND COMPATIBILITY

Ensure product is well mixed before preparing spray mix. Roll or invert container several times. For large containers use air wand.

Add the required quantity of **Ultrazine 500** to water in the spray tank and agitate. Continue agitation during application. If mixing with other herbicides, add the concentrates to the water in the spray tank one at a time. Add wetting agent last to minimise frothing.

Ultrazine 500 is compatible with most commonly used herbicides. It is not compatible with Paraquat 250 G/L SL.

CROP ROTATION

Because residues resulting from the use of **Ultrazine 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 **Ultrazine 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.

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 and application rate per wetted hectare	Note
Maize and sweetcorn	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 2cm 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 3cm, 7 to 10 days after spraying can improve weed control where soil moisture is low.
(a) For broadleaf weeds use 1.5–3.0 litres	Apply in 200 to 400 litres water per hectare as a directed band spray or as an overall spray. Weeds controlled include fathen, black nightshade, willow weed, amaranth spp., and Apple of Peru. The addition of Contact™ Xcel wetting agent is recommended. Alternatively use 1-1.5 litres/ha with 150-200ml/ha Lektor + Bonza® at 1% of spray mixture.
(b) For broadleaf weeds and annual grasses use 1.5-3.0 litres + suitable grass herbicide (e.g. Access 840)	Apply in 200 to 400 litres water per hectare with a recommended grass herbicide at the appropriate rate. Apply as a directed band spray or as an overall spray. The addition of Contact™ Xcel wetting agent is recommended.
Linseed Use 800 mL	Recommended as an addition to 750 mL Make Perfect per hectare where spurrey, combind, willow weed and fumitory are problem weeds. Apply in 150 to 250 litres of water per hectare when the crop has 2 true leaves but is not more than 6cm high. Ideally, the weeds should not be beyond the 2 true leaf stage. Ultrazine 500 may cause initial crop suppression but the crop normally recovers and yield is not affected. Do not exceed the recommended rate and avoid spray overlap as severe crop damage may occur.
Established Lucerne 1.5-2.0 litres + suitable post-emergence herbicide	A mixture of this rate with 2.5-3.0 litres paraquat 20% ai in 200 to 300 litres water per hectare controls annual grass weeds, seedling shepherd's purse, subterranean clover and storksbill. The higher rate of Ultrazine 500 should only be used where seedling storksbill is a dominant weed. Apply to closely grazed stands during the winter months when lucerne is completely dormant. Do NOT apply when frost is still on the ground or when ground conditions are excessively wet. Allow a few days after grazing for weed growth to freshen before spraying. Application should not be made to Lucerne stands less than one year old.

RESISTANCE MANAGEMENT

GROUP	5	HERBICIDE
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Ultrazine 500 is a Group 5 Herbicide from the triazine chemical group with the inhibition of photosynthesis at photosystem II mode of action. Naturally occurring biotypes resistant to atrazine and other triazines 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 the development of resistant weeds use **Ultrazine 500** in tank mixes where appropriate, and/or in rotations with herbicides having a different mode of action (e.g. Rainvel) 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.

CONDITIONS OF SUPPLY

READ THESE CONDITIONS OF SUPPLY BEFORE BUYING AND USING.

IF THESE CONDITIONS ARE UNACCEPTABLE, RETURN AT ONCE UNOPENED.

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 or registrants control. The manufacturer and registrant decline all liability for damage resulting from improper storage or use of the product.

Registered pursuant to the ACVM Act 1997, No. P10217
See www.foodsafety.govt.nz for registration conditions.
Approval pursuant to the HSNO Act 1996, Approval Code HSR000534
See www.epa.govt.nz for controls.

Registrant: AgStar New Zealand Pty Ltd
4 Putakitaki Street, Lincoln, 7608
Tel 027 483 9756

Distributed by: Farmlands Co-operative Society Limited
535 Wairakei Road, Burnside, Christchurch 8053
TEL: 0800 200 600

Batch No.
Date of Manufacture

