

WARNING

KEEP OUT OF REACH OF CHILDREN
READ LABEL BEFORE USE

Nufarm **flowable**
Atrazine
500

FREE RECYCLING



AGRECOVERY

www.agrecovery.co.nz

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

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

Net: 20 Litres



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03-19/PS/0655-20LNZ1.2

 **Nufarm**
Grow a better tomorrow

Flowable Atrazine 500

HAZARD CLASSIFICATION
6.1D, 6.9B, 9.1A, 9.2A, 9.3C



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

TOXICITY

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

ECOTOXIC

- Very toxic to aquatic life with long lasting effects. Avoid contamination of any water supply with product or empty container. 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.
- Toxic to terrestrial vertebrates

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.

HANDLING PRECAUTIONS

The person mixing or applying this product must be a “Qualified Contractor” or a “Qualified Person”. The spray mixture may also be prepared by a “Qualified Loader”.

STORAGE

- Store in original container, tightly closed and in a locked, dry, cool area away from foodstuffs, seeds and fertilisers. Store in accordance with NZS 8409 Management of Agrichemicals.
- Stores containing 100 litres are subject to secondary containment and signage and more than 100 litres require emergency response plans.

PERSONAL PROTECTION

- Avoid contact with skin or eyes and inhalation of spray mist. When mixing or applying wear waterproof gloves, overalls and boots. Do not eat, drink or smoke while using. Wash splashes of concentrate from skin immediately. Remove protective clothing and wash hands and face thoroughly before meals and after work.

EQUIPMENT

- Apply using well maintained and accurately calibrated equipment. Flush equipment thoroughly with clean water after use.

DISPOSAL

- Triple rinse container and add rinsate to the spray tank. Recycle empty container. Otherwise crush and bury in a suitable landfill.
- Dispose of product only by using according to the label, or at an appropriate landfill.

First Aid: If medical advice is needed, have the product container or label at hand.

IF SWALLOWED: Do NOT induce vomiting. Rinse mouth. Call the National Poisons Centre 0800 POISON (0800 764 766) or a doctor if you feel unwell.

Spillage: Wear appropriate protective clothing and prevent material from entering waterways. Contain liquid spills and absorb with inert material. Dispose of waste safely in a suitable landfill.

Transport: Do not carry more than 10 litres of Flowable Atrazine 500 on a passenger service vehicle.

Recrop Keeping: Records of use as described in NZS 8409 Management of Agrichemicals must be kept if 3 litres or more of Flowable Atrazine 500 is applied within 24 hours.

Mixing and Compatibility: Add the required quantity of Flowable Atrazine 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. Flowable Atrazine 500 is compatible with most commonly used herbicides. It is not compatible with Gramoxone® 250.

Crop Rotation: Because residues resulting from the use of Flowable 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 Flowable 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.

Resistant Weeds Warning: Flowable Atrazine 500 is a **GROUP C1 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 Flowable Atrazine 500 in tank mixes where appropriate, and/or in rotations with herbicides having a different mode of action (e.g. Kamba™ 500) 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.

General Information: Flowable Atrazine 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.

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	Notes
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 Primera® + Bonza™ at 1% of spray mixture.
(b) For broadleaf weeds and annual grasses use 1.5-3.0 litres + suitable grass herbicide (e.g. Roustabout®)	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 800ml	Recommended as an addition to 750ml Agritone® 750 per hectare where spurry, 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. Flowable Atrazine 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 Flowable Atrazine 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 frosts 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.

Registered pursuant to the ACVM Act 1997, No. P8594. See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSNVO Act 1996, Approval Code HSR000534. See www.epa.govt.nz for approval controls.

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CONDITIONS OF SALE:

CAUTION: READ THIS NOTICE BEFORE OPENING THE CONTAINER

If you open this container you will be deemed to have accepted the conditions below.

The results from use of this product may be affected by factors beyond Nufarm's control, including mixing, use, climatic conditions, time of application, crop or crop stage and the possible development of resistance to the active ingredient, even though the product is reasonably fit for the purposes stated in this label, and even though label directions are followed. Nufarm will replace, free of charge, any product which is found to have a manufacturing defect. To the extent permitted by law, all other warranties, guarantees, representations and conditions, whether expressed or implied by law, trade, custom or otherwise are expressly excluded.

When you use this product, you agree that neither Nufarm Limited nor any manufacturer of any component of the product will be liable for any damage, injury or loss including consequential loss which arises in any way from the storage, handling, or use of the product. This exclusion of liability includes loss caused by negligent acts or omissions of Nufarm Limited or any supplier or manufacturer of the product or any of their employees and agents.

PROPER SHIPPING NAME	HAZARD CLASS	UN No.	HAZCHEM	PG
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (atrazine 50%) Marine Pollutant	9	3082	ZZ	III

Marketed by:
Nufarm Limited
6 Manu Street, Otahuhu
Auckland, NZ
Telephone 0-9-270 4157

Batch No:
D.O.M:

Nufarm Emergency Phonenumber: 0800 651 911 toll free 24 hours

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