

20
Litre

1000
Litre

WARNING ECOTOXIC

DONAGHYS

Atrazine 500

For post-emergent weed control in established Lucerne, maize, sweetcorn and non-cropland situations.

ACTIVE INGREDIENT: Contains: 500 g/L atrazine in the form of a suspension concentrate.



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INSTRUCTIONS - ATRAZINE 500

DIRECTIONS FOR USE - READ ENTIRE BOOKLET BEFORE USING

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.

GENERAL INSTRUCTIONS

This product is a post-emergent herbicide which selectively controls certain broadleaf weeds and grasses in various crops. Donaghys Atrazine 500 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

Invert container several times before opening. Stir well. Add the full quantity of product to the partly filled tank while agitating. Fill tank and agitate to ensure thorough mixing and continue agitation while spraying. Agitate vigorously from the bottom if allowed to stand. Reseal part used containers immediately.

APPLICATION

Apply at 200-400L of water/ha using conventional spray equipment. Higher volumes of water are desirable as this increases the evenness and accuracy of distribution. See inside booklet for further application instructions.

COMPATIBILITY

Donaghys Atrazine 500 can be applied with Donaghys Grunt 600, provided the mixture is constantly agitated. If allowed to stand, agitate vigorously.

RESISTANCE MANAGEMENT

In 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 herbicide.

CAUTION

SPRAY DRIFT WARNING:

BEWARE: Apply this product carefully. Spray drift may cause serious damage to other desirable plants. Ensure compliance with relevant regional air management plans. Aerial application: To minimize the risk of damage from spray drift, especially where susceptible vegetation is within 500 metres, use low drift nozzles which minimise the production of small droplets (less than 100 microns). Preferable to spray in light constant breeze that is away from sensitive crops.

IMPORTANT NOTICE - CONDITIONS OF SALE

ACCEPTANCE AND USE OF THIS PRODUCT WILL BE DEEMED TO BE ACCEPTANCE OF THESE CONDITIONS OF SALE.

Results from the use of this product may be affected by factors beyond Donaghys control. These factors include but are not limited to mixing, use, time of application, weather, crop, crop lifecycle and resistance to the active ingredient, even though the product is reasonably fit for its stated purpose and label directions have been followed. Donaghys will replace any defective product free of charge, but to the extent permitted by law all other warranties, representations, conditions or obligations whether imposed or implied by law or otherwise, and the manufacturer's and supplier's liability for any indirect special or consequential losses or damages of any kind arising out of the supply and/or use of this product, including where it arises out of negligence, are expressly excluded. **IN ANY EVENT, TO THE EXTENT PERMITTED BY LAW, THE MANUFACTURER'S AND SUPPLIER'S LIABILITY ARISING OUT OF THE SUPPLY AND OR USE OF THIS PRODUCT IS LIMITED TO THE AMOUNT PAID FOR THE SPECIFIC PRODUCT.**

UN number: 3082. DG Class: 9. Packaging Group: III
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S
(Contains Atrazine 50%)

Registered pursuant to the ACVM Act 1997, No P008693
See www.foodsafety.govt.nz for registration conditions.
Approved pursuant to HSNO Act 1996, Approval No. HSR000534
See www.epa.govt.nz for approval conditions.

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REGISTERED TO AND MANUFACTURED BY:
DONAGHY'S LTD,
PO BOX 20 449, CHRISTCHURCH.
FREEPHONE: 0800 942 006
WWW.DONAGHY'S.COM





APPLICATION RATES AND COMMENTS

Crop	Rate/ha	Weed controlled	Critical comment
Maize, Sweetcorn	1.5-3.0 L/ha in 200-300 L water.	Broadleaf weeds: Fathen, black nightshade, willow weed, redroot, amaranths, apple of Peru. Some fathen plants are resistant to Donaghys Atrazine 500 and an alternative herbicide should be used.	Apply early post-emergence to young actively growing seedling weeds up to 5cm high. Soil must be moist and a surfactant must be used. Shallow mouldings 7-10 days after spraying may improve weed control under dry conditions. Some Fathen plants are resistant to atrazine. If those plants are present, an alternative will be necessary to control them.
Established Lucerne (At least one year old)	1.5-2.0 L/ha plus 2-3 L paraquat (20% ai) in 200-300 L water.	Annual grasses and seedlings broadleaf weeds such as shepherds purse, subterranean clover and storksbill.	Use high rates of Donaghys Atrazine 500 only when storkbill is the predominant weed and has more than 4 true leaves. Apply closely grazed lucerne stands during the winter months when lucerne is completely dominant. Do not apply if the ground is excessively wet or in frost conditions. Allow a few days after grazing for weeds to recover before spraying.
Non-crop	4.5 L/ha in 200-400 L water.	Annual grasses and broadleaf weeds.	Apply with a suitable knockdown herbicide such as Donaghys Grunt 600. Apply in spring at the first signs of growth.

RESISTANCE MANAGEMENT

Group	5	Herbicide
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Donaghys Atrazine 500 is a Group 5 herbicide from a triazine chemical group with the inhibition of photosynthesis at photosystem II mode 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.

Atrazine 500

WARNING ECOTOXIC

WARNING: Read label before use. Keep out of reach of children. Harmful if swallowed. May cause damage to organs through prolonged or repetitive exposure. Avoid contact with eyes. Do not breath mist/vapours/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/clothing.

PERSONAL PROTECTION: When applying or mixing, wear eye protection, waterproof gloves, chemical resistant boots made of material such as rubber, nitrile, polyvinyl chloride and cotton overalls buttoned to the neck and wrist.

STORAGE: Store in original container tightly closed in a cool dry place, avoid storing under sunlight and away from foodstuffs. Avoid contamination of seeds, fertilisers and other pesticides. Storage must be generally in accordance with the New Zealand Standard for the Management of Agrichemicals NZS8409. When stored appropriately, this product should show no significant degradation for 2 years from the date of manufacture. Contact your supplier for further information about the use of this product if it is older than this.

SPILLS: Do not touch or walk through spilled materials. Wear the protective equipment recommended above. Stop leak when safe to do so. Dam area and prevent entry into waterways and drains. Absorb with material such as sand, soil or sawdust. Collect spilled product and place in properly labelled, sealable container for disposal. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

PRODUCT DISPOSAL: Dispose of this product according to the label at an approved landfill or via Agrecovery (visit www.agrecovery.co.nz or call 0800 AGRECOVERY 0800 247 326 for information about the type and quality of chemical acceptable for disposal.)

CONTAINER DISPOSAL: Triple rinse empty container and add rinsate to spray the tank. Triple rinsed containers containing the Agrecovery logo on the label and that are free of all residues (liquid or dry) and have an intact legible label may be taken to an Agrecovery collection site. Otherwise crush or puncture and bury in a suitably approved landfill. Do not burn empty containers.

ENVIRONMENT: HARMFUL TO THE AQUATIC ENVIRONMENT. DO NOT contaminate an aquatic environment with chemical or empty container. DO NOT spray over or allow drift over, an aquatic environment. Avoid release to the environment. Hazardous to soil organisms. Hazardous to terrestrial vertebrates.

SAFETY DATA SHEET: A safety data sheet is available from Donaghys Ltd. Visit www.donaghys.com, or call customer service Toll Free on 0800 942 006

FIRST AID

If medical advice is needed, have product container or label at hand.

IF IN EYES: If splashed in eyes, flush out immediately with running water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTRE or doctor/physician if you feel unwell.

IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before re-use. Call a POISON CENTRE or doctor/physician if you feel unwell.

IN INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if you feel unwell. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately.

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Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (contains Atrazine 50%).

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