

CAUTION

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS
BEFORE OPENING OR USING

NUTGRASS KILLER

ACTIVE CONSTITUENT:
750g/kg HALOSULFURON-METHYL

GROUP B HERBICIDE

For selective post-emergence control of
Nutgrass and Mullumbimby couch in Turf.

**READ THIS LEAFLET BEFORE
OPENING OR USING THIS PRODUCT**

APVMA Approval No: 60298/0306

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NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIOD:

**DO NOT USE CLIPPINGS FROM TREATED AREAS FOR MULCHING AROUND VEGETABLES OR FRUIT TREES.
DO NOT FEED GRASS CLIPPINGS FROM TREATED AREAS TO POULTRY OR OTHER LIVESTOCK.
DO NOT ALLOW GRAZING OF TREATED TURF.**

GENERAL INSTRUCTIONS:

Nutgrass Killer herbicide is a dry flowable granule which disperses in water. Nutgrass Killer can be used for the selective post emergence control of Nutgrass and Mullumbimby couch in Turf. Symptoms of weed control are a gradual yellowing of foliage and seed heads followed by desiccation. Nutgrass Killer should be applied to actively growing weeds when new growth has reached a minimum of 5cm of new leaf for Nutgrass or 2cm for Mullumbimby couch. Apply follow-up treatments if sufficient new growth warrants re-treatment. Irrigation or rainfall within two hours of application will reduce control. Drought stress after treatment also reduce control.

RESISTANT WEEDS WARNING

GROUP B HERBICIDE

Nutgrass Killer herbicide is a member of the Sulfonylurea group of herbicides. The product inhibits acetolactate synthase. For weed resistance management, the product is a group B herbicide. Some naturally occurring weed biotypes resistant to Nutgrass Killer herbicide and other Group B herbicide may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if group B herbicides are used repeatedly. These resistant weeds will not be controlled by Nutgrass Killer Herbicide or other Group B herbicides. Since the occurrence of resistant weeds is difficult to detect prior to herbicide use, Imtrade Australia accepts no liability for any losses that may result from the failure of Nutgrass Killer Herbicide to control resistant weeds.

MIXING

Nutgrass killer is a dry flowable granule that disperses in water. Add the measured amount gradually to a part-filled tank while maintaining continuous agitation. Add the surfactant near the end of the filling process to avoid excessive foaming. Remove the hose from the mixing tank immediately after filling to avoid siphoning back into the water source. If allowed to stand, ensure that the mixture is thoroughly agitated before re-commencing spraying. Use the mixture within one day.

SPRAYER CLEANUP

Before application of products other than Nutgrass killer the sprayer must be cleaned out as follows:

1. Drain the tank and flush equipment with water for a minimum of 10 minutes, including hoses, filters and booms.
2. Fill the tank with clean water and add chlorine bleach (contains 4% chlorine) at the rate of 300mL/100L of water. Flush through the boom and agitate for 15 minutes.
3. Repeat step 2 above.
4. Remove all nozzles and screens and clean thoroughly.
5. To remove traces of chlorine bleach, rinse the tank thoroughly with clean water and flush through hoses and booms.

Caution: Do not use chlorine bleach with ammonia. All traces of liquid fertilizer containing ammonia, ammonium nitrate or ammonium sulphate must be rinsed with water from the mixing and application equipment before adding chlorine bleach solution. Failure to do so will release a gas with a musty chlorine odour which can cause eye, nose, throat and lung irritation. Do not clean equipment in an enclosed area.

SURFACTANT ADDITION

Nutgrass killer must be applied with a non-ionic surfactant to ensure uptake. Use 200mL/100L of a 600g/L non-ionic surfactant or equivalent. For hand-gun or knapsack application, add surfactant at 20mL/10L of water.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Avoid spraying of non-target vegetation. In turf, do not use clippings from treated areas for mulching around vegetables or fruit trees. DO NOT apply under weather conditions or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

PROTECTION OF LIVESTOCK

Do not feed grass clippings from treated areas to poultry or other livestock or allow grazing of treated turf.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Do not contaminate dams, rivers or streams with the chemical or used containers. Keep people and pets off treated areas until the spray solution has dried. After spraying, the first flush irrigation tailwater or stormwater run-off from land treated with Nutgrass killer should be prevented from entering waterways. Where farms do not have the capacity to retain run-off, DO NOT irrigate to the point of run-off at least 6 days after application. Nutgrass killer is very highly toxic to duckweed.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool and well ventilated area. Do not store for prolonged periods in direct sunlight. Rinse containers before disposal. Add rinsings to the spray tank. Do not dispose of undiluted chemicals on site. Dispose of at a local authority landfill. If no landfill is available bury the container below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS

Harmful if swallowed. Dust will irritate the eyes. Avoid contact with eyes and skin. Wash hands after use.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131126).

MATERIAL SAFETY DATA SHEET

For further information refer to the Materials Safety Data Sheet which can be obtained from the supplier.

CONDITIONS OF SALE

The use of Nutgrass Killer being beyond the control of the manufacturer, no warranty expressed or implied is given by Imtrade Australia Pty Ltd. regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and Imtrade Australia Pty Ltd. accepts no responsibility for any consequence whatsoever resulting from the use of this product.

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