

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

Spillage - In case of spillage, confine spilled product with material such as sand or clay. Dispose of waste as indicated below or according to the Australian Standard 2507 - Storage and Handling of Pesticides. DO NOT allow spilled product to enter sewers, drains, creeks or any other waterways. Keep out animals and unprotected persons. Vacuum, shovel or pump waste into an approved drum. To decontaminate spill area, tools and equipment, wash with a suitable solution (ie organic solvent, detergent, bleach or caustic) and add the solution to the drums of wastes already collected. Label for contents. Dispose of drummed wastes, including decontamination solution, in accordance with the requirements of Local or State Waste Management Authorities.

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. Empty containers and product should not be burnt.

SAFETY DIRECTIONS

May irritate the nose and throat. May irritate the eyes and skin. Avoid contact with eyes and skin. Avoid inhaling vapour. When opening the container, mixing, loading and preparing spray and using the product wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length PVC gloves. Wash hands after use. After each day's use, wash gloves and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

MATERIAL SAFETY DATA SHEET (MSDS)

For further information on Gator H₂O Herbicide refer to the Material Safety Data Sheet (MSDS) which is available from the supplier or from fmc.crop.com.au.

WARRANTY

FMC makes no warranty expressed or implied, concerning the use of this product other than that indicated on the label. Except as so warranted the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

APVMA Approval No. 69635/61296

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* Other trademarks



FMC Crop Protection Pty Ltd.
A.B.N. 48 159 288 123
5 Palmer Place
Murarrie QLD 4172
Phone: 1800 066 355
www.fmc.crop.com.au
Technical Enquiries: 1800 901 939

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DIRECTIONS FOR USE

RESTRAINTS:

DO NOT tank mix GATOR H₂O with crop oil concentrates or blended oil/surfactant adjuvants.

DO NOT apply GATOR H₂O to the long grain rice varieties Kyeema and Doongara.

Crop	Target Weeds	Rate mL/ha		Weed Stage	Critical Comments
		GATOR H ₂ O	GATOR H ₂ O + Londax DF		
Rice	Arrowhead <i>Sagittaria montivdensis</i>	420	630 + 50	Up to 6 leaf	Apply to permanent flood water by dripper applicator (SCWIIRT method) on tractor, 4 wheel agricultural motorbike or helicopter; or by boom spray application using ground rig or aircraft.
	Dirty Dora <i>Cyperus difformis</i>	630 (Suppression only)	630 + 50	Up to 4 leaf	
	Star fruit <i>Damasonium minus</i> (Where ALS resistant Starfruit populations occur this mix may only give suppression)	-	630 + 50	Up to 4 leaf	When using GATOR H ₂ O alone apply at or beyond the 2 leaf rice stage, up to the 4 leaf rice stage. When using GATOR H ₂ O in tank mix with Londax apply at or beyond the 2.5 leaf rice stage, up to the 4 leaf rice stage. Lock up bays 1 day prior to application and hold water for at least 5 days after application. Refer to general instruction for application and water management details. To broaden weed control spectrum and to control hard to kill weeds (eg. Starfruit) tank mix GATOR H ₂ O with Londax DF.

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

WITHHOLDING PERIODS

RICE:

HARVEST: NOT REQUIRED WHEN USED AS DIRECTED

GRAZING: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 3 MONTHS AFTER APPLICATION.

GENERAL INSTRUCTIONS

GATOR H₂O[®] Herbicide is an early post emergence herbicide for the control of certain broadleaf and sedge weeds in rice. GATOR H₂O is a fast acting contact herbicide and controls weeds through a process of membrane disruption. Application of GATOR H₂O should target small actively growing weeds. Subsequent germinations will not be controlled.

SYMPTOMS

In rice when applied to permanent floodwater, GATOR H₂O is rapidly absorbed through the foliage of plants. Within a few days following application, the foliage of susceptible weeds show signs of necrosis and later death. Herbicidal symptoms may appear on the crop in the form of leaf yellowing on submerged leaves and bronzing on exposed leaves. Do not apply GATOR H₂O to the long grain rice varieties Kyeema and Doongara.

COMPATIBILITY

GATOR H₂O is compatible with the grass herbicide Magister[®]. GATOR H₂O can be tank mixed with Londax DF* for broadened aquatic weed control Do not tank mix GATOR H₂O with oil/surfactant blends, as excessive crop injury may occur.

RESISTANT WEEDS WARNING

GROUP G HERBICIDE

GATOR H₂O Herbicide is a member of the Aryl triazolinone group of herbicides. Its mode of action is through a process of membrane disruption, which is initiated by the inhibition of the enzyme protoporphyrinogen oxidase. This inhibition interferes with the chlorophyll biosynthetic pathway. For weed resistance management GATOR H₂O is a Group G herbicide.

Some naturally occurring weed biotypes resistant to GATOR H₂O and other herbicides that inhibit the enzyme protoporphyrinogen oxidase may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the population if the herbicides are used repeatedly. These resistant weeds will not be controlled by GATOR H₂O or other herbicides that inhibit the enzyme protoporphyrinogen oxidase. Since the occurrence of resistant weeds is difficult to detect prior to use, FMC Crop Protection Pty Ltd accepts no liability for any losses that may result from the failure of GATOR H₂O or other herbicides that inhibit the enzyme protoporphyrinogen oxidase.

In rice when GATOR H₂O is used alone a follow-up application of MCPA is recommended to provide a secondary mode of action.

TIMING

Application should be made to permanent flood water to small weeds up to 4 to 6 leaf in size, species dependant. When using GATOR H₂O alone apply at or beyond the 2 leaf rice stage. When using GATOR H₂O in tank mix with Londax apply at or beyond the 2.5 leaf rice stage. Earlier application could result in excessive crop injury.

MIXING

Add half the required volume of water in spray tank and start agitation. Add the measured amount of GATOR H₂O next, followed by Londax DF if tank mixing. Add balance of water to tank. Maintain good agitation at all times until spraying is completed.

APPLICATION

GATOR H₂O can be applied to permanent flood water by drip application (SCWIIRT method – i.e. Soluble Chemical Water Injection In Rice Technique) and boom spray application. Apply as a drip application (SCWIIRT method) by tractor, 4 wheel agricultural motorbike or helicopter (maximum 20 m swath width) in a total spray volume of 7 to 10 L/ha.

Apply by boom spray application by ground rig or by aircraft in a minimum total spray volume of 20 L/ha. Spray equipment should be properly calibrated to ensure correct application. Application using equipment set to produce coarse droplets will increase direct application onto the water surface, will minimise contact with emerged crop and minimise spray drift. Avoid spraying in still conditions, conditions conducive to inversion and in winds likely to cause drift. Turn off spray boom while passing over irrigation channels, creeks and dams.

WATER MANAGEMENT

It is essential to lock up bays 1 day prior to application and hold water for at least 5 days after application.

To optimise weed control and minimise crop injury ensure there is sufficient water to cover the crop at application- ideally 5 to 8 cm on the high side of the bay, based on 6 to 10 cm fall across the rice bay. Normal water levels should be maintained following the 5 day lock up period

Do not drain rice water into regional drains, within the withholding period after GATOR H₂O application as defined by the local irrigation authority and/or the NSW Environmental Protection Authority.

RE-ENTRY

Do not allow entry into treated areas for 12 hours. When prior entry is necessary, wear impervious footwear and chemical resistant gloves. Clothing must be laundered after each day's use.

CROP ROTATION RECOMMENDATIONS

GATOR H₂O Herbicide does not provide residual activity, therefore no crop rotational restrictions apply. However, check the label of any product mixed with Gator H₂O Herbicide, to determine any plant back periods or restrictions on use.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Do not apply under weather conditions, or from spray equipment, which may cause spray drift onto nearby susceptible plants, adjacent crops, or pastures, or onto wetlands, waterbodies or watercourses.

PROTECTION OF WILDLIFE, FISH, CRUSTACEAN, AND ENVIRONMENT

Highly toxic to algae and aquatic plants. DO NOT contaminate streams, rivers or waterways with GATOR H₂O or used container.

DO NOT DRAIN RICE WATER INTO REGIONAL DRAINS, WITHIN THE WITHHOLDING PERIOD AFTER GATOR H₂O APPLICATION AS DEFINED BY THE LOCAL IRRIGATION AUTHORITY AND/OR THE NSW ENVIRONMENTAL PROTECTION AUTHORITY.

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READ SAFETY DIRECTIONS BEFORE OPENING OR USING

***GATOR* H₂O[®]**

HERBICIDE

ACTIVE CONSTITUENT: 240 g/L CARFENTRAZONE-ETHYL
SOLVENT: 261 g/L LIQUID HYDROCARBON

GROUP G HERBICIDE

For the control of certain aquatic weeds in rice
as specified in the DIRECTIONS FOR USE table.

IMPORTANT: READ THIS LEAFLET BEFORE USE



FMC

FMC Crop Protection Pty Ltd
5 Palmer Place
Murarrie QLD 4172
Phone: 1800 096 355