

DANGEROUS POISON

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

ORDRAM[®]

Herbicide

ACTIVE CONSTITUENT: 960 g/L MOLINATE

GROUP  HERBICIDE

Post emergence herbicide for control of grass weeds in rice

Contents:
20 Litres
110 Litres

Crop Care Australasia Pty Ltd, Unit 15/16 Metroplex Avenue Murarrie QLD 4172

DIRECTIONS FOR USE:

RESTRAINT:

Under very cold conditions DO NOT apply permanent water too early as crop may be drowned. A proportion of the first leaf must show above the water.

Crop	Weeds Controlled	State	Rate per Ha - Ground application	Rate per Ha - Aerial application	Critical Comments
Rice	DRY BAYS Barnyard Grasses (<i>Echinochloa spp</i>)	NSW, Vic only	3.75 L in 200L water	3.75 L in 20-100L water	Apply when weeds and crop in 1-4 leaf stage or 5-10 cm high. The rice crop must be capable of withstanding permanent water. <ul style="list-style-type: none"> • Soil surface must be dry at spraying • If rice should be endangered by permanent water leave at least 2 days before draining off. DO NOT allow ground to dry out. Re-apply permanent water as soon as possible. Do not use a Bickley boom or helicopter SCWIIRT for application in dry bays.
	Silver Top Grass (<i>Diplachne fusca</i>)				Apply to weeds in seedling to 2 leaf stage only. Otherwise as for Barnyard Grass
	PERMANENT WATER Combine sown, sod seeded and aerial sown rice Barnyard Grasses (<i>Echinochloa spp</i>) Silver Top Grass (<i>Diplachne fusca</i>)	NSW only	3.75 L in 5-10 L total volume (with water) as SCWIIRT by ground or helicopter	3.75 L in minimum 10 L water	Apply when Barnyard Grass is in the 1-4 leaf stage and Silver Top Grass is up to the two leaf stage. Weeds are usually 5-10 cm high. NO MORE than one-third plant bulk should be above water at spraying nor should more than one-third of the bay be covered by these plants. DO NOT allow movement of water through bays for 2 hours before spraying. ALLOW ONLY MINIMUM water movement through bays for 3 days after application. After this time normal water coverage should be maintained. SCWIIRT method - apply by dripper applicator direct to the flood water of permanently flooded bays by tractor, 4WD motorbike or helicopter. Refer to General Instructions for application details. Do not use ground or aerial SCWIIRT methods (including a Bickley boom) if excess rice and weed vegetation will impede re-distribution of Ordram in water resulting in inadequate control.
	Barnyard Grasses (<i>Echinochloa spp</i>) 0 to 2 leaf stage		2.5 L in 5-10 L total volume (with water) as SCWIIRT by ground or helicopter	2.5 L in minimum 10 L water	Coverage of the rice field with permanent water must be maintained after spraying. Water movement to and through bays should cease 2 hours before application. Minimum water movement should be maintained for 3 days after application. After this time normal water coverage should be maintained.
	5 leaf to early tillering stage		Not applicable	5.2 L in minimum 20 L water	Salvage control: Good water coverage after spray application will assist in weed suppression. Avoid spray overlap as some crop injury may occur. Only use a blanket spray application to increase foliar coverage and optimise control.
	Herbigation® Aerial Sown combine and sod sown crops only	NSW only	3.75 L undiluted with permanent water	Not applicable	Wet or dry bays - Use a Herbigation “ Kit to meter undiluted product into the inflowing water at initial flooding. Ensure depth of water after treatment is sufficient to maintain coverage of Barnyard Grass and entire soil surface for 3 days after application. Minimum water movement should occur during this period after which depth should be restored to cover Barnyard Grass. For further details consult leaflet available from Crop Care Australasia Pty Ltd.

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

WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED

GENERAL INSTRUCTIONS:

Resistant Weeds Warning:

GROUP E HERBICIDE

Ordram Herbicide is a member of the thiocarbamates group of herbicides. Ordram has the inhibitor of mitosis mode of action. For weed resistance management Ordram is a Group E herbicide. Some naturally occurring weed biotypes resistant to Ordram and other Group E Herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Ordram or other Group E Herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Crop Care Australasia Pty Ltd accepts no liability for any losses that may result from the failure of Ordram to control resistant weeds.

Mixing:

Thoroughly mix the required amount of product with a small quantity of water before adding to the full quantity of water in the spray tank. If tank mixing with Wettable Powders or Water Dispersible Granules add these first, add Liquid Suspensions (ie. Flowables) next and add Ordram last. Maintain good agitation at all times until spraying is completed.

Compatibility:

Ordram is compatible with most pesticides used in rice provided the correct order of mixing (see above) is followed. Ordram may be tank mixed with Magister, Taipan, Londax and chlorpyrifos.

Aerial application:

Check barnyard grass infestation after seeding rice. Spray if necessary. This product may be applied onto the surface of permanent water, it mixes with the water where it acts mainly on the stem of problem grasses at the soil surface.

Ordram can be applied either by a fixed wing aircraft or by a helicopter (also refer to section on SCWIIRT application to permanent water). Apply either by a blanket spray or fixed wing SCWIIRT technique. For blanket spraying the aircraft or helicopter boom should be fitted with multiple nozzles adjusted to give a relatively coarse droplet size eg CP solid stream nozzle. For a fixed wing SCWIIRT application a Bickley boom that conforms to the following specifications can be used.

- Two nozzles mounted on droppers, one either side with droppers positioned just outside the first boom hanger (28 – 35% of wingspan)
- Dropper length approximately 40-60 cm or lower below the trailing edge of the wing
- Solid stream nozzles with bore sufficient to apply desired volume at a pressure of 240 to 310 kPa (35 to 45 psi)
- Nozzles orientated rearwards and parallel to the airstream.
- Check valves (Spraying Systems diaphragm type

12328, 3/4 inch) located behind nozzle to eliminate "trailing" after shut off.

- Spray at a maximum wheel height of 2m above the field surface.
- Swath widths of approximately 25 m are recommended.

DO NOT use a Bickley boom in dry bays, for salvage control of barnyard grass or when applying to permanent water where excess rice and weed vegetation could impede the re-distribution of Ordram in water resulting in unsatisfactory control of barnyard grass.

DO NOT use CDA equipment. A total volume of 10-100L of total liquid per hectare is recommended.

SCWIIRT application to permanent water:

Apply by tractor, 4 wheel agricultural motorbike or Helicopter. Apply to flood water from pre-sowing, up to the 4 leaf stage of barnyard grass. Dilute the required amount of Ordram in water (total volume of 5 to 10 Litres/ha) and apply to flooded bay at a distance of 20 to 30 metres between runs. Position dripper nozzles no more than 50 cm from the water surface and maintain pressure at or below 200 kPa (30 PSI or 2 bar). Control of advanced barnyard grass by SCWIIRT may not be satisfactory where excess vegetation impedes re-distribution of Ordram in water.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS:

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, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT:

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL (20 Litre only)

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. 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 not available bury the containers below 500 mm in a disposal pit specifically set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.

STORAGE AND DISPOSAL (110 Litre only)

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. Empty contents fully into application

equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

May irritate the eyes and skin. Avoid contact with eyes and skin. DO NOT inhale spray mist. When preparing spray wear elbow-length PVC gloves. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. 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

Additional information is listed in the Material Safety Data Sheet which can be obtained from the supplier.

Conditions of sale

Crop Care Australasia Pty Ltd will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Crop Care Australasia Pty Ltd is limited to the replacement of the goods or (at the option of Crop Care Australasia Pty Ltd) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to Crop Care Australasia Pty Ltd within thirty days of delivery.

In a Transport Emergency Dial 000 Police or Fire Brigade	SPECIALIST ADVICE IN EMERGENCY ONLY 1800 033 498 ALL HOURS- AUSTRALIA WIDE
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Ordram and Herbigation are used under licence from the Trade Mark Proprietor.



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