



Product Name: RAINBOW TRIFLURALIN-ORYZALIN 250 EC SELECTIVE HERBICIDE
APVMA Approval No: 65755 / 127951

Label Name:	RAINBOW TRIFLURALIN-ORYZALIN 250 EC SELECTIVE HERBICIDE
Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENTS: 125 g/L ORYZALIN 125 g/L TRIFLURALIN SOLVENTS: 200 g/L DIETHYLENE GLYCOL MONOBUTYL ETHER 220 g/L N-METHYL-2-PYRROLIDONE 132 g/L HYDROCARBON LIQUID
Mode of Action:	GROUP D HERBICIDE
Statement of Claims:	FOR PRE-EMERGENCE CONTROL OF ANNUAL GRASSES, PHALARIS, WIREWEED (HOGWEED) AND DEADNETTLE IN WHEAT, BARLEY, CANOLA AND MUSTARD OILSEED CULTIVARS AS DESCRIBED IN THE DIRECTIONS FOR USE TABLE.
Net Contents:	20L - 1000L
Restrains:	RESTRAINTS: DO NOT sow at speeds lower than 10 kilometres per hour when using the combine as the only method of incorporation. DO NOT use a disc-type seeder. DO NOT apply to areas with high weed seed burdens as a result of ineffective weed control in the previous seasons or directly after pasture. DO NOT rely exclusively on Rainbow Trifluralin-Oryzalin 250 EC Selective Herbicide for grass weed control. Use as part of a weed resistance management program involving herbicides with other modes of action (see GENERAL INSTRUCTIONS) and also non-chemical methods of control.

Directions for Use:	This section contains file attachment.
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Other Limitations:	
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Withholding Periods:	WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.
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Trade Advice:	
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General Instructions:	This section contains file attachment.
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Resistance Warning:	<p>Resistant Weeds Warning GROUP D HERBICIDE</p> <p>Rainbow Trifluralin-Oryzalin 250 EC Selective Herbicide is a member of the dinitronilines group of herbicides. Rainbow Trifluralin-Oryzalin 250 EC Selective Herbicide has the inhibitors of tubulin formation mode of action. For weed resistance management Rainbow Trifluralin-Oryzalin 250 EC Selective Herbicide is a Group D Herbicide. Some naturally occurring weed biotypes resistant to Rainbow Trifluralin-Oryzalin 250 EC Selective Herbicide and other Group D 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 Rainbow Trifluralin-Oryzalin 250 EC Selective Herbicide or other Group D Herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Shandong Rainbow International Co., Ltd accepts no liability for any losses that may result from the failure of Rainbow Trifluralin-Oryzalin 250 EC Selective Herbicide to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant, Local Department of Agriculture or local Shandong Rainbow representative.</p>
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Precautions:	
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Protections:	<p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT. DO NOT contaminate dams, ponds, rivers, drains, streams, or waterways with this product or used container.</p> <p>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, adjacent crops, crop lands or pastures.</p>
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Storage and Disposal:	<p>STORAGE AND DISPOSAL (20L only)</p> <p>Keep out of reach of children. Store in the closed, original container in a cool well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple 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</p>
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point. If not recycling, break, crush or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface 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. DO NOT burn empty containers or product.

If the container is a returnable/refillable type, when empty, or contents no longer required, return the container to the point of purchase. This type of container remains the property of Shandong Rainbow International Co., Ltd.

Refillable Containers:
(1000L only)

Store in the closed, original container in a cool well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

Envirodrum Mini Bulk Containers:
(110, 200L only)

Store the original sealed Envirodrum in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with Micro Matic valve or security seal. DO NOT contaminate the Envirodrum with water or any foreign matter. After each use of the product, please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the Envirodrum have been used, please return the empty Envirodrum to the point of purchase. The Envirodrum remains the property of Shandong Rainbow International Co., Ltd.

SMALL SPILL MANAGEMENT

Wear protective equipment (see Safety Directions). Apply absorbent material such as earth, sand clay granules or cat litter to the spill. Sweep up material for disposal when absorption is completed and contain in a refuse vessel for disposal (see Storage and Disposal section). If necessary, wash the spill area with an alkaline detergent and water and absorb the wash liquid for disposal as described above.

Safety Directions:

SAFETY DIRECTIONS

Harmful if swallowed. Poisonous if inhaled. Will damage eyes. May irritate the nose and throat. Will irritate the skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. DO NOT inhale spray mist. When opening the container and preparing the spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow length chemical resistant gloves, goggles and half-piece respirator. When using the prepared spray wear cotton overalls buttoned to the neck and wrist, a washable hat and elbow length chemical resistant gloves. If product in eyes, wash it out immediately with water. 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, goggles, respirator and if rubber wash with detergent and warm water, and contaminated clothing.

First Aid Instructions:

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766. If swallowed, DO NOT induce vomiting. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

First Aid Warnings:

DIRECTIONS FOR USE (For use in NSW, ACT, Vic, SA, and WA only)

Situation & Crop	Weeds	Rate L/ha	Critical Comments
<p>Wheat, Barley, Canola, Mustard (oilseed cultivars) (<i>Brassica juncea</i>)</p> <p>Conventional Cultivation</p>	<p>Annual Ryegrass, Annual Phalaris, Wireweed (Hogweed), Deadnettle.</p> <p>Suppression of Silvergrass (<i>Vulpia</i> spp) and partial suppression of Wild Oats and Fumitory.</p>	<p>1.6</p>	<p>When to apply: Apply Rainbow Trifluralin-Oryzalin 250 EC Selective Herbicide from 5 days before sowing to just before sowing. Spraying and sowing may be done at the same time provided the boom is mounted in front of the tractor or combine. Sowing generally provides the mixing necessary to activate Rainbow Trifluralin-Oryzalin 250 EC Selective Herbicide however, for optimal weed control full incorporation of Rainbow Trifluralin-Oryzalin 250 EC Selective Herbicide within 4 hours of application is recommended.</p> <p>Soil Preparation: Areas to be treated should be clear (< 25% surface area covered) of established weeds, large clods or stones and plant trash. If >25% surface area is covered, or significant weed germination has occurred, requiring a knockdown herbicide, treat as a direct seeding situation.</p> <p>Sowing Depth: Cereal seed should be sown to a depth of at least 5cm. Deeper sowing of short strawed wheat variety may lead to poor crop establishment. Canola or Mustard seed should be sown at its normal sowing depth of 2 to 4 cm. When relying entirely on the sowing operation for incorporation of Rainbow Trifluralin-Oryzalin 250 EC Selective Herbicide, use a standard tined combine with 10cm points. Cover harrows should be used to leave the soil in a relatively flat condition.</p>
<p>Wheat, Barley, Canola, Mustard (oilseed cultivars) (<i>Brassica juncea</i>)</p> <p>Direct Seeding (including mixtures with knockdown herbicides)</p>	<p>Annual Ryegrass, Annual Phalaris, Wireweed (Hogweed), Deadnettle and partial suppression of Wild Oats and Fumitory.</p>	<p>2.3</p>	<p>When to apply: Apply Rainbow Trifluralin-Oryzalin 250 EC Selective Herbicide as close as possible to the time of sowing and no longer than 5 days before sowing.</p> <p>Seed-Bed Preparation: Weed growth should be continually heavily grazed until herbicide application. (Manufacturer's recommendations for knockdown herbicides must be observed for use on grazed mature plants). Stock should be removed before spraying seed bed with the tank mix for Rainbow Trifluralin-Oryzalin 250 EC Selective Herbicide/knockdown herbicide mixture, it is best to delay direct sowing for at least 1 day (depending on recommendations on knockdown product label). In some seed-bed conditions, a shallow cultivation may be necessary either before or after herbicide spraying to aid penetration of the seeding combine tynes.</p> <p>Sowing Depth: Cereal seed should be sown to a depth of at least 5cm. Deeper sowing of short strawed wheat variety may lead to poor crop establishment. Canola or Mustard seed should be sown at its normal sowing depth of 2 to 4 cm. When relying entirely on the sowing operation for incorporation of Rainbow Trifluralin-Oryzalin 250 EC Selective Herbicide, use a standard tined combine with 10cm points. Cover harrows should be used to leave the soil in a relatively flat condition.</p>

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

GENERAL INSTRUCTIONS:

MIXING

Rainbow Trifluralin-Oryzalin 250 EC Selective Herbicide is an emulsifiable concentrate which mixes readily with water. Agitate the drum before opening. Add the required quantity of Rainbow Trifluralin-Oryzalin 250 EC Selective Herbicide directly to the spray tank when about two-thirds full of water. Top up with water to the required volume, with agitators in motion.

EQUIPMENT:

Standard low-pressure boom sprayers (170-340kPa) boom sprays only are recommended and must be fitted with by-pass or mechanical agitation. It is recommended to use 50 to 100L water per hectare. DO NOT apply with boomless jets or misters. Poor weed control may result if directions are not closely followed. Overlapping or using higher than recommended application rates may result in crop injury or excessive soil residues.

INCORPORATION:

Thorough incorporation of Rainbow Trifluralin-Oryzalin 250 EC Selective Herbicide to a depth of 4cm within 4 hours of application, followed by the sowing process will give superior control of weeds to that achieved by incorporation by the sowing process alone.

DIRECT SEEDING APPLICATION:

Add the recommended amount of Rainbow Trifluralin-Oryzalin 250 EC Selective Herbicide and the label recommended quantity of a suitable knockdown herbicide such as Paraquat 250g/L, Paraquat/Diquat mix or Rainbow Glyphosate Herbicide to water in the spray tank during the filling operation. (Note: When Rainbow Trifluralin-Oryzalin 250 EC Selective Herbicide is tank mixed with glyphosate or paraquat/diquat mixtures, the mixture should be kept thoroughly agitated and sprayed within one (1) hour of mixing.)