

Product Name: EuroChem IOXYNIL 250 Herbicide
APVMA Approval No: 87418/130714



Label Name:	EuroChem IOXYNIL 250 Herbicide
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Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	ACTIVE CONSTITUENT: 250 g/L IOXYNIL present as ioxynil octanoate SOLVENT: 642 g/L LIQUID HYDROCARBONS
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Mode of Action:	GROUP C HERBICIDE
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Statement of Claims:	For the control of certain broadleaf weeds in onion, spring onion, shallots, welsh onion, garlic and pyrethrum crops as per the Directions For Use table
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Net Contents:	1L-20L
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Restraints:	DO NOT apply to crops or weeds that are stressed due to lack of moisture or frost, or affected by disease. DO NOT apply immediately before a sprinkler irrigation or when rain is likely to fall. A three-hour drying period after application is necessary. Additional restraint for Spring Onion, Shallot, Welsh Onion: DO NOT treat more than 10 ha per day.
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Directions for Use:	This section contains file attachment.
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Other Limitations:	
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Withholding Periods:	PYRETHRUM: DO NOT HARVEST FOR 25 WEEKS AFTER APPLICATION. SPRING ONION, SHALLOT, WELSH ONION: DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION. FIELD GROWN/TREATED GARLIC: DO NOT HARVEST FOR 21 DAYS AFTER FINAL APPLICATION. COVERED OR PROTECTED GROWN/TREATED GARLIC: DO NOT ALLOW TREATED GARLIC GROWN IN COVERED OR PROTECTED SITUATIONS, SUCH AS, GLASSHOUSES, GREENHOUSES OR PLASTIC TUNNELS TO BE MADE AVAILABLE FOR HUMAN OR ANIMAL CONSUMPTION. LEEKs: DO NOT HARVEST FOR 7 WEEKS AFTER APPLICATION ONIONS: NOT REQUIRED WHEN USED AS DIRECTED
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Trade Advice:	Trade Advice Growers should note that Maximum Residue Limits (MRLs) or import tolerances may not exist in all markets for Garlic, leeks and Spring onions, Shallots & Welsh onions produce treated with this product. If you are growing produce for export, please check with Eurochem Pty Ltd for the latest information on MRLs and import tolerances before using this product.
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General Instructions:	GENERAL INSTRUCTIONS Mixing To ensure even mixing, half fill the spray tank with clean water, add the required amount of product and stir thoroughly. Add the remainder of the water and mix again before spraying. Application The use of this product should follow standard pre-emergence herbicide treatments or cultivation, otherwise the weeds are likely to be too large for successful treatment by the time the onions have reached the tolerant stage. DO NOT apply on a windy day. DO NOT apply by aircraft or misting machine. Boom Sprayer Equip the machine with flat-fan nozzle tips designed to apply 440 or more litres of water per hectare at a pressure of 200 to 280kPa. Calibrate the machine before use to ensure that the correct application rate is obtained. Check the height of the boom to ensure that the spray is evenly distributed. Compatibility As formulations of other manufacturers' products are beyond the control of EuroChem Pty Ltd, all mixtures should be tested prior to mixing commercial quantities.
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Resistance Warning:	RESISTANT WEEDS WARNING GROUP C HERBICIDE EuroChem IOXYNIL 250 Herbicide is a member of the nitrile group of herbicides. IOXYNIL 250 has the inhibitors of photosynthesis at photosystem II mode of action. For weed resistance management IOXYNIL 250 is a Group C herbicide. Some naturally occurring weed biotypes resistant to IOXYNIL 250 and other Group C 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 IOXYNIL 250 or other Group C herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, EuroChem Pty Ltd accepts no liability for any losses that may result from the failure of IOXYNIL 250 to control resistant weeds.
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Precautions:	Re-entry Period DO NOT enter treated areas until the spray has dried unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. DO NOT undertake thinning plants for 8 days, hand harvesting and scouting for 22 days, hand set irrigation for 25 days and hand weeding > 30 days post-treatment unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.
Protections:	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 WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT DO NOT contaminate streams, rivers or watercourses with the chemical or used containers.
Storage and Disposal:	Store in the closed, original container in a dry, cool, well-ventilated area, out of direct sunlight. Protect from extreme heat and cold. 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 point. If not recycling, break, crush, or puncture and deliver empty packaging 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.
Safety Directions:	Poisonous if swallowed. May irritate the eyes. Avoid contact with eyes and skin. Do not inhale spray mist. When preparing spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves, and face-shield. 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, face-shield and contaminated clothing.
First Aid Instructions:	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 in eyes wash out immediately with water.
First Aid Warnings:	

DIRECTIONS FOR USE:

For All States

CROP	WEEDS CONTROLLED	RATE/HA	CRITICAL COMMENTS
Onions	Bellvine (<i>Ipomoea plebeia</i>) Burr Medic* (<i>Medicago polymorpha</i>) Capeweed* (<i>Arctotheca calendula</i>) Chickweed (<i>Stellaria media</i>) Climbing Buckwheat (Black Bindweed) (<i>Polygonum convolvulus</i>) Common Heliotrope (<i>Heliotropium europaeum</i>) Common Sowthistle (Milk Thistle) (<i>Sonchus oleraceus</i>) Corn Gromwell (Sheepweed) (<i>Buglossoides arvense</i>) Dandelion (<i>Taraxacum officinale</i>) Dead Nettle (Henbit, Stingless Nettle) (<i>Lamium amplexicaule</i>) Fat-Hen (<i>Chenopodium album</i>) Fumitories (<i>Fumaria</i> spp.) Green Amaranth (<i>Amaranthus viridis</i>) Green Crumbweed (Keeled Goosefoot) (<i>Chenopodium carinatum</i>) Lesser Swinecress (Bittercress) (<i>Coronopus didymus</i>) Ox Tongue (<i>Picris echioides</i>) Pigweed (Portulaca) (<i>Portulaca oleracea</i>) Potato Weed (Yellow Weed) (<i>Galinsoga parviflora</i>) Prickly Paddy Melon (<i>Cucumis myriocarpus</i>) Saffron Thistle* (<i>Carthamus lanatus</i>) Scarlet Pimpernel or Blue Pimpernel (<i>Anagallis arvensis</i>) Shepherd's Purse (<i>Capsella bursa-pastoris</i>) Slender Celery* (<i>Apium leptophyllum</i>) Smallflower Mallow (Marshmallow)* (<i>Malva parviflora</i>) Stagger Weed (<i>Stachys arvensis</i>) Threecornered Jack (Spiny Emex) (<i>Emex australis</i>) Threeflower Nightshade (<i>Solanum triflorum</i>) Turnip Weed (Rapistrum) (<i>Rapistrum rugosum</i>) Wards Weed (<i>Carrichtera annua</i>) Wild Radish (<i>Raphanus raphanistrum</i>) Wild Turnip (<i>Brassica tournefortii</i>) Wireweed (Hogweed)* (<i>Polygonum aviculare</i>)	2.1 to 2.8 L	CROP: Apply between the three and eight leaf stage. Slight scorch or symptoms of wilting may occur but this is transient as subsequent growth and yield is unaffected. WEEDS: Apply between the cotyledon to 6 leaf stage. Most weeds will be more susceptible at the young plant stage than at later stages of growth. Use the higher rate when weeds are more mature. *Burr Medic, Capeweed, Saffron Thistle, Slender Celery, Small flower Mallow and Wireweed will be controlled only in the cotyledon stage.
		2.1 L	Where Wireweed is dominant or weeds are more mature, 2 applications of 2.1 L/ha should be made at an interval of 14 to 21 days.

Spring Onion, Shallot, Welsh Onion	As above	2.1 – 2.8 L	Apply between the 3 and 8 leaf stage of the crop, and between the cotyledon and 6-leaf stage of the weeds. Apply by ground-based boom spray. Apply a maximum of two (2) applications with a re- treatment interval of 14-21 days where wireweed is dominant, or weeds are more mature. Ensure adequate spray penetration to obtain effectivecontrol of the target weeds.
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Garlic (field grown only)	As above	2.1 – 2.8 L product /ha	Apply from 2-leaf stage of crop up to the start of bulbing using accurately calibrated boom spray or similar equipment.
		Where wireweed is the dominant species, or target weeds are more mature, apply maximum two (2) foliar applications with 14-day re-treatment interval. 2.1 L	Apply in accordance with the directions for use and precautions as stated on the product label for onions. Where one (1) spray only is applied, use the higher rate where target weeds are more mature within the crop. Where wireweed is the dominant species, or target weeds are more mature, apply a maximum of two (2) foliar applications at the lower treatment rate, with 14-day re-treatment interval between consecutive sprays.
Garlic grown in covered or protected situations for seed production purposes (NOT for human or animal consumption)		2.1 – 2.8 L	Apply in sufficient water volume to ensure adequate spray penetration of the crop, and thorough coverage of the weed foliage. Use a minimum water volume of 400 L/ha.
Leeks	As above	2.1 L	For both field-sown and transplanted leeks, apply one (1) application only by boom spray, during the 5-8 leaf stage of the crop. Apply in sufficient water to ensure complete and thorough coverage of all weed foliage” or “Ensure adequate spray penetration to obtain effective control of the target weeds
<i>Tanacetum cinerariifolium</i> Crops (Pyrethrum)	Lesser swinecress, Wild turnip, Volunteer potato, Chickweed, Wild Radish, Shepherd's Purse	100 – 1000 mL	Apply once seedling pyrethrum is past the 2 true leaf stage and weeds are still in the seedling stage

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