

POISON

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

TITAN

IOXYNIL 250 EC

HERBICIDE

ACTIVE CONSTITUENT: 250g/L IOXYNIL present as IOXYNIL OCTANOATE
SOLVENT: 642g/L LIQUID HYDROCARBON

GROUP **6** HERBICIDE

For the control of certain broadleaf weeds in Onion crops, Pyrethrum, Garlic and Leeks as per the Directions for Use table.

APVMA Approval No.: 91890/133839

Pack Size: 1L-20L



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IN A TRANSPORT EMERGENCY

DIAL 000

POLICE OR FIRE BRIGADE

TRANSPORT AND HANDLING
NOT A DANGEROUS GOOD
ACCORDING TO THE AUSTRALIAN
DANGEROUS GOODS (ADG) CODE
FOR TRANSPORT BY ROAD AND RAIL

DIRECTIONS FOR USE

For ALL STATES 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 10ha per day.

CROP	WEEDS CONTROLLED	RATE/ha	WHP	CRITICAL COMMENTS
Onions	Bellvine Burr Medic* Capeweed* Chickweed Climbing Buckwheat (Black Bindweed) Common Heliotrope Common Sowthistle (Milk Thistle) Corn Gromwell (Sheepweed) Dandelion Dead Nettle (Henbit, Stingless Nettle) Fat-Hen Fumitories Green Amaranth Green Crumbweed (Keeled Goosefoot) Lesser Swinecress (Bittercress) Ox Tongue Pigweed (Portulaca) Potato Weed (Yellow Weed) Prickly Paddy Melon Saffron Thistle* Scarlet Pimpernel or Blue Pimpernel Shepherd's Purse Slender Celery* Smallflower Mallow (Marshmallow)* Stagger Weed Three-cornered Jack (Spiny Emex) Threeflower Nightshade Turnip Weed (Rapistrum) Wards Weed Wild Radish Wild Turnip Wireweed (Hogweed)*	2.1 to 2.8L	–	<p>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.</p> <p>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.</p> <p>* Burr Medic, Capeweed, Saffron Thistle, Slender Celery, Smallflower Mallow and Wireweed will be controlled only in the cotyledon stage.</p>
		2.1L		Where Wireweed is dominant or weeds are more mature, 2 applications of 2.1L/ha should be made at an interval of 14 to 21 days.
CROP	WEEDS CONTROLLED	RATE/ha	WHP	CRITICAL COMMENTS
Spring Onion, Shallot, Welsh Onion	Broadleaf weeds as above	2.1-2.8L	21 days	<p>Apply between the 3 and 8 leaf stage of the crop and between the cotyledon and 6 leaf stage of the weeds.</p> <p>Apply by ground based boom spray.</p> <p>Apply a maximum of 2 applications with a re-treatment interval of 14-21 days where Wireweed is dominant, or weeds are more mature.</p> <p>Ensure adequate spray penetration to obtain effective control of the target weeds.</p>

CROP	WEEDS CONTROLLED	RATE/ha	WHP	CRITICAL COMMENTS
Garlic (field grown only)	Broadleaf weeds	2.1-2.8L	21 days	<p>Apply from 2 leaf stage of crop up to start of bulbing using accurately calibrated boom spray or similar equipment.</p> <p>Apply in accordance with the directions for use and precautions as stated on the product label for Onions.</p> <p>Where 1 spray only is applied, use the higher rate where target weeds are more mature within the crop.</p> <p>Where Wireweed is the dominant species, or target weeds are more mature, apply maximum 2 applications at the lower treatment rate, with 14 day interval between consecutive sprays.</p> <p>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 400L/ha.</p> <p>DO NOT apply spray if rainfall is expected within 3 hours of application.</p> <p>DO NOT apply to crops that are stressed.</p>
Garlic grown in covered or protected situations for seed production purposes (NOT for human or animal consumption)		Where Wireweed is the dominant species, or target weeds are more mature, apply maximum 2 applications with 14 day re-treatment interval		
Leeks	Broadleaf weeds	2.1L	7 weeks	<p>For both field sown and transplanted Leeks, apply 1 application only by boom spray, during the 5-8 leaf stage.</p> <p>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.</p>
<i>Tanacetum cinerariifolium</i> crops (Pyrethrum)	Lesser Swinecress, Wild Turnip, Volunteer Potato, Chickweed, Wild Radish, Shepherd's Purse	100mL to 1L	25 weeks	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

WITHHOLDING PERIODS:

Onions: NOT REQUIRED WHEN USED AS DIRECTED.

Field grown/treated Garlic, Spring Onion, Shallot, Welsh Onion: DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION.

Leeks: DO NOT HARVEST FOR 7 WEEKS AFTER APPLICATION.

Pyrethrum: DO NOT HARVEST FOR 25 WEEKS AFTER 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.

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 and Welsh Onions produce treated with this product. If you are growing produce for export, please check with TITAN AG Pty Ltd for the latest information on MRLs and import tolerances before using this product.

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 TITAN AG Pty Ltd, all mixtures should be tested prior to mixing commercial quantities.

RESISTANT WEEDS WARNING

TITAN Ioxynil 250 EC Herbicide is a member of the nitrile group of herbicides. TITAN Ioxynil 250 EC Herbicide has the inhibitors of photosynthesis at photosystem II mode of action. For weed resistance management TITAN Ioxynil 250 EC Herbicide is a Group 6 herbicide. Some naturally occurring weed biotypes resistant to TITAN Ioxynil 250 EC Herbicide and other Group 6 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 TITAN Ioxynil 250 EC Herbicide or other Group 6 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, TITAN AG Pty Ltd accepts no liability for any losses that may result from the failure of TITAN Ioxynil 250 EC Herbicide to control resistant weeds.



PRECAUTIONS

Re-entry: 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.

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 waterways with the chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Store away from children, animals, food, feedstuffs, insecticides, seed and fertilisers. 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 500mm 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

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126; New Zealand 0800 764 766. If swallowed, do NOT induce vomiting. If in eyes wash out immediately with water.

SAFETY DATA SHEET

Additional information is listed in the safety data sheet (SDS). A safety data sheet for TITAN Ioxynil 250 EC Herbicide is available from TITAN AG Pty Ltd on request. Call Customer Service on (02) 9999 6655 or visit titanag.com.au

CONDITIONS OF SALE: TITAN AG Pty Ltd shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on TITAN AG's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of TITAN AG Pty Ltd has any authority to add to or alter these conditions.

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: Combustible liquid. Harmful if swallowed. Causes serious eye irritation. May cause an allergic skin reaction. Suspected of damaging the unborn child. May be fatal if swallowed and enters airways. Very toxic to aquatic life with long lasting effects. Precautionary Statements: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from flames and hot surfaces. No smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: Immediately call a POISON CENTER/ doctor. Specific treatment (see on this label). Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. In case of fire: Use CO₂, powder or water spray for extinction. Collect spillage. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national regulations.

