

Product Name: Bionix C4 Herbicide  
APVMA Approval No: 93067/137873



Label Name:	Bionix C4 Herbicide
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Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	400 g/L NONANOIC ACID present as the ammonium salt
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Mode of Action:	
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Statement of Claims:	For non-selective control of seedling and young broadleaf and grass weeds, for suppression of established weeds and perennial species as specified in the Directions for Use
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Net Contents:	5 L – 1000 L
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Restraints:	<p><b>RESTRAINTS</b></p> <p>DO NOT spray if weeds are wet. DO NOT apply if rainfall is expected before spray deposits dry on plant surfaces. DO NOT water treated area for 24 hours to achieve maximum results. DO NOT apply if heavy rains or storms that are likely to cause runoff from soil are forecast within 3 days of application. DO NOT irrigate to the point of runoff from soil for at least 3 days after application. DO NOT allow spray to contact or drift onto plants you do not want killed. For professional use only. Not for use by domestic users.</p> <p><b>SPRAY DRIFT RESTRAINTS</b></p> <p>Specific definitions for terms used in this section of the label can be found at <a href="http://apvma.gov.au/spraydrift">apvma.gov.au/spraydrift</a></p> <p>DO NOT allow bystanders to come into contact with the spray cloud. DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.</p>
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	<p>DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.</p> <p>DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.</p>
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Directions for Use:	This section contains file attachment.
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Other Limitations:	
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Withholding Periods:	<b>WITHHOLDING PERIODS NOT REQUIRED WHEN USED AS DIRECTED.</b>
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Trade Advice:	
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General Instructions:	<p><b>GENERAL INSTRUCTIONS</b></p> <p>BIONIX C4 Herbicide is a natural contact herbicide containing ammonium nonanoate (nonanoic acid present as the ammonium salt). It penetrates the cell walls of plants, causing it to quickly dehydrate and collapse. To be effective, BIONIX C4 must come into contact with the green parts of the plant. BIONIX C4 will control many weed species and is non selective.</p> <p><b>MIXING</b></p> <p>Half fill spray tank and commence agitation. Slowly add required amount of BIONIX C4. Top up with required quantity of water. Agitate well before commencing spray procedure. Do not mix more than is needed.</p> <p><b>APPLICATION</b></p> <p>Ensure that all weed foliage is totally covered with spray as BIONIX C4 is a contact spray only. Partial coverage will give only partial control.</p> <p>Apply by ground equipment only using for example boom or spot sprayers. Apply using a coarse droplet spray. Optimum application volumes are related to weed maturity and density. Contact with the weeds is essential for control, as such apply in sufficient water to ensure complete and thorough coverage of foliage.</p> <p>DO NOT spray porous surfaces without prior testing. May cause discolouration on porous hard surfaces.</p>
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Resistance Warning:	
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Precautions:	<p><b>PRECAUTIONS</b></p> <p>Wear eye protection when mixing or using.</p> <p><b>Re-Entry Period</b></p> <p>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. Clothing must be laundered after each day's use.</p>
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Protections:	<p><b>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS</b>  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.</p> <p><b>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT:</b>  DO NOT contaminate wetlands or watercourses with this product or used containers.  Not compatible with integrated pest management (IPM) programs utilising beneficial arthropods. Minimise spray drift to reduce harmful effects on beneficial arthropods in non-crop areas.</p>
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Storage and Disposal:	<p>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 the 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.</p> <p><b>For Refillable Containers:</b>  Empty contents fully into application equipment. Close all valves and return to point of supply/designated collection point for refill or storage.</p>
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Safety Directions:	Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container, preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow length chemical resistant gloves and face shield or goggles. Wash hands after use. After each day's use, wash gloves, face shield or goggles and contaminated clothing.
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First Aid Instructions:	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 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.
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First Aid Warnings:	
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## DIRECTIONS FOR USE

SITUATION	WEEDS	RATE	CRITICAL COMMENTS
Paths, driveways, around sheds gardens, amenity horticulture areas, protected cropping situations, around nursery stock.  Spot spraying in lawns and turf.  Commercial and industrial areas, domestic and public service areas, rights of way, including roadsides, guideposts, powerlines and substations, aerodromes, public utilities and fence lines.	Seedling and young annual and perennial weeds and grasses including  Clover, cobbler pegs, couch grass, crowsfoot, false heather, fleabane, nutgrass, paspalum, plantain, slender celery.  More advanced or established weeds may only be suppressed and require repeated application.	7 – 8.5 L/100 L water  Or 70 – 85 mL/L	Spray over all weed foliage to ensure full foliage penetration and coverage. Partial penetration of vegetation canopy or partial coverage will result in poorer control. Use the higher rate in denser weed vegetation.  To assist in site preparation, apply at early vegetative stage of weeds. Best results are obtained at the 4- 8 leaf stage when weed canopy is less than 15 cm in height. For established larger weeds use the higher rate and a follow up application may be required.  Repeat spray after 7-10 days if required.  For hard-to-wet weeds use a suitable wetter.
Fallows, orchards, vineyards.		8.5 L/100 L water	Apply as a band spray 400 mm wide on each side of the orchard or vine crop row. Apply at early vegetative stage of weeds. Best results are obtained at 4-8 leaf stage when weed canopy is less than 15 cm in height. Established weeds may require more than one application. Repeat spray after 14 days if required. Spray over all weed foliage to ensure full foliage penetration and coverage. Partial foliage penetration or coverage will result in partial control. For fallows apply in the water volume of 600 L/ha.

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