

# CAUTION

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



## NON-SELECTIVE ALL NATURAL HERBICIDE

Kills Weeds Fast

ACTIVE CONSTITUENT: 400 g/L NONANOIC ACID present as ammonium nonanoate

For non-selective control of seedling and young broadleaf and grass weeds, for suppression of established weeds and perennial species and for control of moss and lichen as specified in the Directions for Use



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APVMA APPROVAL NO - 93067137873

CONTENTS: ■ 5L ■ 20L ■ 1000L



ANOTHER ENVIRONMENTALLY  
SUSTAINABLE SOLUTION

# DIRECTIONS FOR USE

## RESTRAINTS

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 DOMESTIC USES

SITUATIONS	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.	Seeding and young annual and perennial weeds and grasses including capeweed, chickweed, clover, cobbler pegs, couch grass, crowfoot, false heather, fat hen, fleabane, lambs tongue, nutgrass, paspalum, peppergrass, plantain, potato weed, slender celery, stinking roger, common starbush. 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 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 15cm in height. For established larger weeds use the higher rate and 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	8.5L/100L water	8.5L/100L water	Apply as a band spray 400mm 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 canopy is less than 15cm in height. Established weeds may require more than one application. Repeat spray after 14 days if required. Spray all over weed foliage to ensure full penetration and coverage. Partial foliage penetration or coverage will result in partial control. For fallows apply in water volume of 600L/ha.

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION. WITHHOLDING PERIODS NOT REQUIRED WHEN USED AS DIRECTED.**

**GENERAL INSTRUCTIONS:** BIONIX C4 Herbicide is a natural contact herbicide containing ammonium nonanoate (nonanoic acid present as the ammonium salt). Nonanoic acid (pelargonic acid) occurs naturally in plants including geraniums. 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.

**MIXING:** 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.

**APPLICATION:** 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. 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. DO NOT spray porous surfaces without prior testing. May cause discoloration on porous hard surfaces.

**PRECAUTIONS:** Wear eye protection when mixing or using.

**RE-ENTRY PERIOD:** Do not allow entry into treated areas until 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.

**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 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 noncrop areas.

**STORAGE AND DISPOSAL:** 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.

For Refillable Containers: Empty contents fully into application equipment. Close all valves and return to point of supply/designated collection point for refill or storage.

**SAFETY DIRECTIONS:** Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and preparing 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.



**FIRST AID:** If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 765. 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.

**SDS:** Additional information is listed in the safety data sheet (SDS). A safety data sheet for BIONIX C4 Herbicide is available from NonTox Pty Ltd on request.

**CONDITIONS OF SALE:** If there has been a failure to comply with a consumer guarantee (other than a guarantee under sections 51, 52 or 53 of Australian Consumer Law or corresponding provisions in the relevant State legislation) in relation to a good which is not a good of a kind ordinarily acquired for personal, domestic or household use or consumption, the liability of NonTox is limited to a replacement of the good or the supply of an equivalent good.

**Date of Manufacture:**

