

# WARNING

## Keep out of reach of children



# ADAMA

# NIMITZ®

**Nematicide for use on carrots, kūmara / sweet potato,  
parsnips and potatoes**

**READ THE ATTACHED BOOKLET COMPLETELY BEFORE MIXING OR APPLYING**

### Active Ingredient:

Contains 480 g/L FLUENSULFONE in the form of an emulsifiable concentrate. Also contains 428 g/L HYDROCARBON LIQUID.

UN No:	3082
Class-primary	9
Packing group	III
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains Fluensulfone)
Marine pollutant:	YES

Batch number:	NET CONTENTS: 5 L, 10 L, 15L, 20 L, 50 L, 100 L, 200 L
Date of Manufacture:	
<b>Barcode to be inserted</b>	



**REFER TO BOOKLET FOR FULL LABEL INSTRUCTIONS.****WARNING**

Causes serious eye irritation. May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Harmful to soil organisms. Harmful to ground-dwelling non-target arthropods within the field of application. Harmful to terrestrial vertebrates.

**HANDLING PRECAUTIONS**

Keep out of reach of children. Use personal protective equipment as described in the personal protection section of this label. Do not breathe spray mist, fumes or vapours. Wash exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid unintended release into the environment. Collect spillages.

**PCBU RESPONSIBILITIES**

A PCBU with management or control of work using this substance must ensure that every worker who uses, handles, manufactures, or stores this hazardous substance (including hazardous waste) is, before the worker is allowed to carry out or supervise work involving those substances, provided with adequate information, training and instruction. This includes the use of personal protective equipment to be used to minimise risks to the health and safety of workers when carrying out work using this substance.

**QUALIFICATIONS REQUIRED FOR APPLICATION OF ECOTOXIC SUBSTANCES**

Anyone who mixes, loads, or applies this product, either by air or ground based methods, is required to be suitably qualified, or must receive guidance and, if required, assistance from a suitably qualified person. *Refer to Schedule 10 of the Hazardous Substances (Hazardous Property Controls) Notice 2017 for a list of suitable qualifications.*

**RECORD KEEPING**

Where 3 L or more of the substance is applied within 24 hours, in a place where the substance is likely to enter air or water and leave the application area, a PCBU with management or control of the substance must ensure that a written record is kept of each application of the substance. Refer to Part 4 Clause 48 of the Hazardous Substances (Hazardous Property Controls) Notice 2017 for details of information that must be recorded.

**EQUIPMENT**

A PCBU with management or control of work using this substance must ensure that equipment used to handle this substance retains the substance, without leakage, at all of the temperatures and pressures at which the equipment is to be used; and dispenses or applies the substance, without leakage, at a rate and in a manner that the equipment is designed for. The PCBU must ensure that the equipment is accompanied by documentation that is readily available and readily understandable about the use and maintenance of the equipment.

**STORAGE**

Store locked up in the original, tightly closed container in a cool, dry, well-ventilated place, out of direct sunlight and away from stockfeed or foodstuffs. Ensure this product is stored above freezing temperature. Store in accordance with NZS 8409 Management of Agrichemicals. Secondary containment and emergency response plans are required where 100 L or more of this product are stored. Refer to the product SDS for further information.

**SHELF LIFE**

When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

**PERSONAL PROTECTION**

When mixing or applying wear appropriate protective clothing including overalls buttoned to the neck and wrist, impervious, elbow-length gloves and eye/face protection. Remove protective clothing and wash hands, arms and face with soap and water before meals and after work.

**SPILLAGE**

Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Wear appropriate protective clothing as in the personal protection section of this label to clean up spills. Absorb spills with an inert material (such as vermiculite, earth, sand or synthetic absorbent substance) and place in waste containers. Wash area with water and alkaline detergent. Then absorb any remaining liquid with further inert material. Dispose of the waste safely in an approved landfill.

**DISPOSAL**

**Container Disposal** - Triple rinse empty container and add rinsate to spray tank. Submit clean empty



container to an Agrecovery® depot for recycling. Alternatively, puncture and bury in a suitable landfill. Avoid contamination of any water supply with product or empty container.

**Product Disposal** - Dispose of this product only by using according to the label, or through the Agrecovery® Chemical Recovery service or other approved facility.

**Do not burn product or container.**

**SAFETY DATA SHEET**

A safety data sheet for this product is available at [www.adama.com](http://www.adama.com).

**FIRST AID**

**If medical advice is needed, have product container or label at hand.**

**For advice, or if you feel unwell, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.**

**IF ON SKIN:** Wash with plenty of soap and water. If skin irritation or rash occurs, get medical attention. Call a POISON CENTRE or doctor if you feel unwell. Wash contaminated clothing before reuse.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

**CONDITIONS OF SALE**

ADAMA New Zealand Limited will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than the responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by the Statutes applicable to the sale and supply of these goods. To the extent allowed by such Statutes the liability of ADAMA New Zealand Limited is limited to the replacement of the goods or (at the option of ADAMA New Zealand Limited) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to ADAMA New Zealand Limited within thirty days of delivery.



ADAMA

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**EMERGENCY RESPONSE**  
(All hours)  
Ring from anywhere in New Zealand  
**0800 734 607**

In a Transport  
Emergency  
Phone 111  
Police or Fire



A handwritten signature in blue ink, appearing to be "M. King", written over the bottom of the red stamp.

## PRODUCT INFORMATION

NIMITZ has been shown to reduce nematode numbers and plant damage associated with root knot nematodes, root lesion nematodes and potato cyst nematodes.

NIMITZ has contact action, affecting all active stages of the nematode life cycle by inhibiting the feeding and motility of adults and juveniles, and inhibiting development and hatching of eggs.

NIMITZ controls nematodes present at the time of application only. Nematodes should be active at the time of application (soil temperatures approx. 12-15°C or higher). Residual activity of Nimitz is limited to the first portion of the growing season and thorough mixing through the soil profile is essential to maximise efficacy. NIMITZ does not negatively affect beneficial free-living nematodes.

**Kūmara/sweet potatoes:** Vine cuttings should be 25–45 cm in length at the time of planting to minimize any potential post-transplant stress that may result in slower crop establishment.

## DIRECTIONS FOR USE

**TAKE ALL REASONABLE STEPS TO ENSURE THAT THE SUBSTANCE DOES NOT CAUSE ANY SIGNIFICANT ADVERSE EFFECTS TO THE ENVIRONMENT BEYOND THE APPLICATION AREA**

**It is an offence to use this product on animals.**

### EPA Use Restrictions:

- Do not apply onto or into water;
- The maximum application rate of Nimitz is 8 L/ha (equivalent to 3.84 kg fluensulfone/ha), with a maximum frequency of one application per year;
- The substance must be applied using ground-based methods only;
- The substance must be applied with ground-based equipment with a low boom height and minimum coarse droplets, as defined by the American Society of Agricultural and Biological Engineers ASABE Standard (S572) or the British Crop Production Council guideline;
- The substance must not be applied when wind speeds are less than 3 km/hr or more than 20 km/hr as measured at the application site;
- The substance must be incorporated into the soil after application; and
- Avoid application during rain or when rain is forecast within 72 hours after application.

CROP	RATE	CRITICAL COMMENTS
Carrot Kūmara/sweet potato Parsnip Potato	4 – 8 L/ha in a minimum water rate of 200 L/ha	<p>Make a single application at least 7 days prior to sowing.</p> <p>Apply evenly to moist, well-prepared soil as a broadcast application and mechanically incorporate to a depth of 15-20 cm as soon as possible after application, i.e. on the day of application.</p> <p>Use the low rate for less susceptible crops and/or crops under low nematode pressure where soil counts or paddock history indicate the population density is close to the economic threshold and minor yield loss is expected.</p> <p>Use the high rate for Potato Cyst Nematode and root lesion nematode (<i>Pratylenchus</i> spp.), in more susceptible crops or crops under moderate to high nematode pressure where soil counts or paddock history indicate that the population density is above the economic threshold and significant yield loss is expected.</p>



**It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.**

### WITHHOLDING PERIODS

**Carrot, kūmara/sweet potato, parsnip, potato: DO NOT use on varieties maturing earlier than 80 days after planting**

**For export crops consult your exporter.**

### PLANT BACK RESTRICTIONS

Do not plant crops into areas treated with NIMITZ until the following plant-back interval has elapsed since the application.

CROP	PLANT-BACK INTERVAL
Carrots, kūmara/sweet potato, parsnip, potato	No restriction
Cereals for animal forage (greenfeed)	120 days
Cereals for grain; pasture	180 days
Lettuce	180 days
All other crops	270 days

In the event of crop failure, replant only with carrots, kūmara/sweet potato, parsnip or potato. Do NOT reapply Nimitz.

### MIXING

Fill the spray tank to 70% full, add the required amount of NIMITZ to the spray tank and commence agitation while adding the balance of the water to the spray tank. Continue agitation during application.

**NOTE:** Thoroughly clean application equipment prior to and after use.

### COMPATIBILITY

DO NOT tank mix NIMITZ with other products, including fertilisers, unless the physical compatibility of the mixture has been confirmed. Contact ADAMA for further information regarding product compatibility with NIMITZ.

### APPLICATION

Apply by ground based application methods only, using coarse or larger droplets and low boom height.

Apply in sufficient water to obtain even coverage of the treated area and incorporate as soon as possible after application. If clods or plant debris are present in the field, thoroughly incorporate prior to application. Ensure soil moisture is adequate for even incorporation.

### RAINFALL

Avoid application during rain or when heavy rain is forecast within 72 hours after application.

### BUFFER ZONES

A buffer zone of 40 meters is required between the application area and downwind water bodies. A vegetative filter strip (uncultivated land) of 20 m is required between the NIMITZ application area and water bodies.



## RESISTANCE MANAGEMENT

No group code exists. NIMITZ contains fluensulfone, a nematicide from the fluoroalkenyl thioether chemical group that acts as a metabolic inhibitor in the pathway that the plant parasitic nematode uses to access its energy reserves. While resistance in nematode populations is considered unlikely, use strictly in accordance with label directions. The use of cultural control practices such as crop rotation, use of resistant varieties and avoidance of sowing susceptible crops into known high pressure areas, as part of an integrated management approach, is recommended.



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