



For control of nematodes in Crop Groups 8 and 9: including cucumbers, melons (cantaloupes, watermelon, honeydew), squash, tomatoes, okra, eggplant and peppers (bell and non-bell)

ACTIVE INGREDIENT:	% BY WT.
Fluensulfone: 5-chloro-2 (3,4,4-trifluoro-but-3-ene-1-sulfonyl)-thiazole	40.0%
OTHER INGREDIENTS*:	<u>60.0%</u>
TOTAL:	100.0%

Contains 4 pounds fluensulfone per gallon in an Emulsifiable Concentrate formulation.

*Contains petroleum distillates

**KEEP OUT OF REACH OF CHILDREN
CAUTION/PRECAUCION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

Manufactured for:

Makhteshim Agan of North America, Inc. (d/b/a ADAMA)
3120 Highwoods Blvd, Suite 100
Raleigh, NC 27604

EPA Reg. No. 66222-243

EPA Est. No. 37429-GA-001^{BT}, 37429-GA-002^{BO},
37429-GA-003^{BV}

Letter(s) in lot number correspond(s) to superscript in EPA Est.No.

NET CONTENTS: 2.5 GAL

How can we help? 1-866-406-6262

FIRST AID	
IF SWALLOWED:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
IF IN EYES:	Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF INHALED:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Note to Physician: Contains petroleum distillate. Vomiting may cause aspiration pneumonia. Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact Prozar at 1-877-250-9291 for emergency medical treatment information.	

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical-resistance category selection chart.

All mixers, loaders, other applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate or Viton \geq 14 mils
- Shoes plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENTS

When handlers use enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

For Chemigation, closed systems are required for mixing and loading activities in order to minimize exposure to product handlers.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if they become saturated and the pesticide contacts the body and if pesticide gets inside. Then bathe thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to estuarine and marine invertebrates. For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

This chemical has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers can be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

USE RESTRICTIONS

- For use only on crops listed on this label.
- Do not make applications when soil temperature is below 60°F. Root knot nematodes are not active below 60°F and will not absorb NIMITZ480EC.
- Do not plant any unlisted crops into treated land for 365 days after application of the product.
- Do not apply more than one application per crop, and no more than 112 fl. oz. of product per acre, per year (365 days).
- Do not use on any crop not on this label or supplemental labels.

RESISTANCE MANAGEMENT

Although resistance in nematode populations has not been proven, repeated exclusive use of any product may lead to a reduction in control due to enhanced biodegradation or other causes. Rotation with nematicides with a different mode of action is suggested. Contact your Cooperative Extension specialist, certified crop advisor and or product manufacturer for additional resistant management recommendations.

NIMITZ should be used as part of an Integrated Pest Management (IPM) program to control nematodes. IPM programs using cultural practices, sanitation, planting of resistant varieties to reduce infestations caused by nematodes, scouting or other detection methods, proper pest identification and rotation of nematicides with different modes of action will help prevent economic pest damage.

PRODUCT INFORMATION

NIMITZ can be used to control Root-knot (*Meloidogyne* spp.), Sting (*Belonolaimus* spp.) and Lesion nematodes (*Pratylenchus* spp.) in transplanted crops (Crop Groups 8 and 9: including cucumbers, melons (cantaloupes, watermelon, honeydew), squash, tomatoes, okra, eggplant and peppers (bell and non-bell). A successful treatment with **NIMITZ** will not eradicate nematode populations and does not control bacteria, insects, viruses, weeds or pathogens which attack plants in treated areas. Consult your state Agricultural Experiment station, Extension service provider or supplemental product labels for additional information and control measures for these pests.

Not registered on Sting nematodes in California.

Applications must be broadcast incorporated, banded and incorporated, or by drip irrigation. Make applications at a rate of 3.5 to 5 pints, (56.0 to 80.0 fl. oz.) per acre, a minimum of seven days before planting. Make soil applications only in accordance with directions and conditions of use described in this label. Treated areas can be covered with plastic or left uncovered according to planting practices. **NIMITZ** does not provide residual control of nematodes. Do not apply more than one application per crop, and no more than 112 fl. oz. of product per acre, per year (365 days). Do not plant any crops not on this label into treated land for 365 days after application of the product.

The use of **NIMITZ** controls nematodes only when they are present at the time of application. It will not control pests introduced into the soil after treatment, does not provide season long control, and does not guarantee pest free crops at harvest. Effectiveness may be reduced if used in muck or high clay content soils.

Read and carefully follow the most restrictive labeling limitations and precautions of all products used in a tank mix.

Compatibility:

Do not apply **NIMITZ** with any other product before testing for physical and chemical compatibility of the mixture. To determine compatibility, pour the required proportions of the product(s) into a suitable container. After mixing, wait for 30 minutes and check to see if the product remains mixed. If the product remains mixed, it is considered physically compatible.

USE INFORMATION

Use **NIMITZ** in accordance with all applicable label directions.

NIMITZ can be applied in any season when soil conditions permit and nematodes are active. Uniform application and incorporation to moist well prepared soils is essential. Ensure soils have sufficient moisture to support plant growth. If soils are not free of clods, debris and plant residues thoroughly incorporate them into the soil to prevent interference with application or control.

Lack of effectiveness, crop injury or illegal pesticide residues in the crop can result from non-uniform distribution of product. Consult your equipment manufacturer, State Extension specialist or ADAMA representative for calibration or application questions.

MIXING, LOADING AND HANDLING INSTRUCTIONS

Add the required amount of **NIMITZ** to the water in the spray tank and mix well. Continue agitation at frequent intervals during application. If **NIMITZ** is to be mixed with other products or fertilizers, test the physical compatibility of the mixture as described above prior to use.

NOTE: Thoroughly clean application equipment prior to use and before using for application of other pesticides.

For Chemigation (Drip Irrigation), closed systems are required for mixing and loading activities in order to minimize exposure to product handlers.

SOIL MOISTURE MANAGEMENT

Soil moisture management can have an influence on product efficacy. Ensure soil moisture is adequate for uniform mechanical incorporation and to support plant growth. It is recommended to irrigate with 0.5 to 1 inch of water 2-5 days after application. If applied by drip irrigation, make sure the initial moisture is at a level to allow the product to move uniformly from shoulder to shoulder and throughout the bed as it is being drip irrigated.

For optimal performance, all applications must be incorporated by water and/or mechanical means to a depth of 6-8 inches. Resume a normal irrigation schedule immediately after planting. Excessive moisture immediately after application may cause this product to move past the targeted zone.

BROADCAST APPLICATION

Apply at a rate of 3.5 to 5 pints, (56 to 80 fl.oz.) per acre using conventional application equipment a minimum of 7 days before planting. Prepare the spray mix by adding the product to the spray tank with a minimum of 15 gallons of water per acre to obtain a uniform application. Maintain sufficient agitation during mixing and application to ensure a homogeneous spray solution. Uniformly apply the spray mix over the field and mechanically incorporate to a depth of 6-8 inches with incorporation equipment to ensure even distribution. It is recommended to irrigate with 0.5 to 1 inch of water 2-5 days after application. Following planting, resume normal irrigation practices.

Table 1: Application Rate Calculation For Broadcast Application

Rate	Pints per acre	Ounces of NIMITZ per planted acre
Minimum	3.5	56 fl. oz./ Treated Acre (1.75 lbs. a.i./A)
Maximum	5	80 fl. oz./ Treated Acre (2.5 lbs. a.i./A)

Drift Management: Do not make application at a boom height greater than 20 inches above the surface of the soil, and use nozzles that produce coarse droplets (>300 microns) to reduce evaporation and drift. Do not apply when the wind speed favors drift beyond the areas intended for treatment.

BAND APPLICATION

Use Table 2 to determine the amount of product required based on bed width, length and use rate. Apply the spray mixture across the band and uniformly incorporate to 6-8 inches avoiding dilution outside the band, a minimum of 7 days before planting. It is recommended to irrigate with 0.5 to 1.0 inches of water 2-5 days after application. Following planting, resume normal irrigation practices. Rates are not to be concentrated in the row, instead, they are to be applied based on percent of the treated acre.

Drift Management: Do not make application at a boom height greater than 20 inches above the surface of the soil, and use nozzles that produce coarse droplets (>300 microns) to reduce evaporation and drift.

Table 2: Application Rate Calculation For Band Application

Bed Width (Inches)	Linear feet of bed in one treated acre	Ounces of NIMITZ per 1000 linear feet of row	
		56 fl. oz./Treated Acre (1.75 lbs. a.i./A)	80 fl. oz./ Treated Acre (2.5 lbs. a.i./A)
12	43,560	1.2	1.8
18	29,040	1.9	2.7
24	21,780	2.5	3.7
30	17,424	3.2	4.6
36	14,520	3.9	5.6
48	10,890	5.1	7.4
60	8,712	6.3	9.2
72	7,260	7.6	11.1

DRIP IRRIGATION

Chemigation application: NIMITZ can be applied through low volume (ground or underground) drip, drip tape or strip tubing. **Do not apply this product through any other type of irrigation system.**

Prepare the application mix as indicated in Table 3. The amount of product required for a drip application will vary with the width of the planting bed, row length and wetting front of the application. Use Table 3 to determine the amount of product required. Assume the wetting front is the same as the bed width for determining the rate to apply. For drip irrigation, NIMITZ can be added directly to the irrigation system and applied with sufficient water and duration to uniformly wet the entire bed width and root zone (6-8 inches deep) where crops are to be planted no less than 7 days before planting.

The amount of water needed for an application will depend upon the initial level of soil moisture, the soil type, % organic matter and condition and the placement of the drip tape(s) as well as drip tape emitter spacing, etc. Allow enough time in the application cycle to charge the irrigation system, then apply NIMITZ into the target root zone and flush the system lines with water. Injection timing during the irrigation cycle depends on soil type and drip tape placement. Do not over apply system rinse water and wash the NIMITZ from the root zone. Irrigate with 0.5 to 1.0 inches of water 2-5 days after application. Following planting, resume normal irrigation practices.

Note: For Drip Irrigation, closed systems are required for mixing and loading activities in order to minimize exposure to product handlers.

NIMITZ may not be applied in conjunction with a drip line cleaning product as performance may be reduced.

The entire irrigation system including emitters need to be checked to ensure the system is operating normally before injecting NIMITZ. Do not connect an irrigation system (including greenhouse systems) used to apply pesticides to any public water system unless the pesticide label prescribed safety devices for public water systems are in place. In addition, check local and state regulations regarding the injection of pesticides into public water systems. A person knowledgeable of the chemigation system and responsible for its operation, or a person under the supervision of the responsible person, is responsible to shut the system down and make necessary adjustments as needed.

Follow manufacturers instructions to maintain the drip system at a low enough pressure to prevent fogging and/or misting during applications.. Inject **NIMITZ** into the irrigation system after the filter(s) and automatic back flush system in order to avoid back flushing of treated water.

Systems using a pressurized water and pesticide injection system must meet the following requirements:

1. The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials compatible with pesticides and capable of being fitted with a system interlock.

Table 3: Application Rate Calculation For Drip Irrigation

Bed Width (Inches)	Linear feet of bed in one treated acre	Ounces of NIMITZ per 1000 linear feet of row	
		56 fl. oz./Treated Acre (1.75 lbs. a.i./A)	80 fl. oz./ Treated Acre (2.5 lbs. a.i./A)
12	43,560	1.2	1.8
18	29,040	1.9	2.7
24	21,780	2.5	3.7
30	17,424	3.2	4.6
36	14,520	3.9	5.6
48	10,890	5.1	7.4
60	8,712	6.3	9.2
72	7,260	7.6	11.1

Application can be made for the following crops:

Crop Group	Rate	Application Information
<p>CUCURBIT VEGETABLES</p> <p>Cucumber, squash, honeydew, watermelon, and other cucurbit vegetables including:</p> <p>Chinese waxgourd (Chinese preserving melon); citron melon; gherkin; gourd, edible (<i>Lagenaria</i> spp. and <i>Luffa</i> spp. includes hyotan, cucuzza, hechima, Chinese okra, spaghetti squash,); Fruits of the gourd (<i>Cucurbitaceae</i>) e.g., <i>Cucurbita pepo</i> (i.e., crookneck squash, straightneck squash, scallop squash, and vegetable marrow); <i>Sechium edule</i> (chayote); and other cultivars and/or hybrids of these; <i>Momordica</i> spp (includes balsam apple, balsam pear, bitter melon, Chinese cucumber); muskmelon (includes cantaloupe); pumpkin; summer squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); winter Muskmelon, including hybrids and/or varieties of <i>Cucumis melo</i> (including true cantaloupe cantaloupe, casaba, Santa Claus melon, crenshaw melon, honey balls, Persian melon, golden pershaw melon, mango melon, pineapple melon, snake melon); including hybrids and/or varieties of these; <i>Citrullus</i> spp.</p>	<p>3.5 to 5 pints/ treated acre (56 to 80 fl. oz./treated acre)</p>	<p>Apply at a minimum of 7 days before planting.</p> <p>Do not apply more than one application per crop, and no more than 112 fl. oz. of product per acre, per year (365 days).</p>
<p>FRUITING VEGETABLES</p> <p>Tomato, bell pepper and other fruiting vegetables including:</p> <p>African eggplant; bush tomato; All varieties of pepper (includes pepper, chili pepper, cooking pepper, pimento, hot and sweet pepper); ; cocona; currant tomato; eggplant; garden huckleberry; goji berry; groundcherry; martynia; naranjilla; okra; pea eggplant; pepino; nonbell pepper; roselle; scarlet eggplant; sunberry; tomatillo; tree tomato; cultivars, varieties, and/or hybrids of these</p>	<p>3.5 to 5 pints/ treated acre (56 to 80 fl. oz./treated acre)</p>	<p>Apply at a minimum of 7 days before planting.</p> <p>Do not apply more than one application per crop, and no more than 112 fl. oz. of product per acre, per year (365 days).</p>

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE:

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food and feed. Store in original container and out of reach of children, preferably in a locked storage area.

Do not store above 100°F for extended periods of time. Storage below 20°F can result in formation of crystals. If product crystallizes, store at 50°F to 70°F and agitate to redissolve crystals. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

PESTICIDE DISPOSAL:

Open dumping is prohibited. Pesticide wastes are toxic. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the hazardous waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

NONREFILLABLE CONTAINERS:

Rigid, Nonrefillable containers small enough to shake (i.e. with capacities equal to less than five gallons).

Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or a mix tank or collect rinsate at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Once container is rinsed, offer for recycling if available, or puncture and dispose of in a sanitary landfill.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES, and LIMITATIONS OF LIABILITY.**

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of ADAMA. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, ADAMA makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of ADAMA is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, ADAMA disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at ADAMA's election, the replacement of product.

NIMITZ is a registered trademark of ADAMA.

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