

**QUALI-PRO®**



# NIMITZ® Pro G

## Nematicide

For nematode control in Bermudagrass, St. Augustinegrass, Zoysiagrass, Centipedegrass, Seashore Paspalum, Tall Fescue, and Creeping Bentgrass on Golf Courses, Sports Fields, Commercial Turfgrass Areas, Sod Farms and Residential Turfgrass Lawns

Intended for use by a Commercial Applicator.

ACTIVE INGREDIENT:	% BY WT.
Fluensulfone: 5-chloro-2 (3,4,4-trifluoro-but-3-ene-1-sulfonyl)-thiazole.....	1.5%
OTHER INGREDIENTS*: .....	98.5%
TOTAL:	100.0%

### 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:



ADAMA

**Control  
Solutions Inc.**

A member of Adama  
Consumer and Professional Solutions

5903 Genoa-Red Bluff, Pasadena, Texas 77507

EPA Reg. No. 53883-357

EPA Est. No. 37429-GA-001<sup>BT</sup>  
37492-GA-002<sup>BO</sup>

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

NET CONTENTS: 40 LBS

FIRST AID	
<b>IF SWALLOWED:</b>	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.
<b>IF ON SKIN OR CLOTHING:</b>	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.
<b>IF IN EYES:</b>	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.
<b>IF INHALED:</b>	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.
<b>Note to Physician:</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this product, contact the National Pesticide Information Center, 1-800-858-7378, Monday-Friday, 8:00 AM-12:00 PM PST. You may also contact the National Poison Control Center, 1-800-222-1222, day or night, for emergency medical treatment information. <b>FOR CHEMICAL EMERGENCY:</b> Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.	

**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. Wear long sleeve shirt and long pants, socks, shoes, and gloves. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

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
- For all sod farm treatments, a NIOSH approved particulate respirator with a sealable R or P filter with NIOSH approval prefix TC-84A is required for all mixer/loader activities.
- For sod farm rescue treatments, a NIOSH approved particulate respirator with a sealable R or P filter with NIOSH approval prefix TC-84A is required for all applicator activities.

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.

**USER SAFETY RECOMMENDATIONS**

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash 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. 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. 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.

**PHYSICAL-CHEMICAL HAZARDS**

Do not mix or allow contact with oxidizing agents. Hazardous chemical reaction may occur.

**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**

- **Quali-Pro® NIMITZ® Pro G Nematicide** must be immediately watered in after application with a minimum of ¼ inch water.
- Do not make applications when soil temperature is below 55°F. Nematode activity slows at soil temperature below 55°F and they may not absorb **Quali-Pro® NIMITZ® Pro G Nematicide**.
- Do not apply more than 3.6 lbs. fluensulfone (240 lbs of **Quali-Pro® Nimitz® 1.5 G Nematicide**) per acre per calendar year.
- Do not allow bystanders to enter the treated area until granules have been watered-in.
- Do not reapply before 30 days.

**RESISTANCE MANAGEMENT**

The Mode of Action of **Quali-Pro® NIMITZ® Pro G Nematicide** has not yet been classified. 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 resistance management recommendations or consult the Insect Resistance Action Committee (IRAC) on the web at [www.irac-online.org](http://www.irac-online.org) for additional information on resistance monitoring and management.

**PRODUCT INFORMATION**

**Quali-Pro® NIMITZ® Pro G Nematicide** can be used to control Root-knot (*Meloidogyne* spp.), Sting (*Belonolaimus* spp.) Lance (*Hoplolaimus* spp.) and Lesion nematodes (*Pratylenchus* spp.) in turfgrass situations. A successful treatment with **Quali-Pro® NIMITZ® Pro G Nematicide** 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.

Use **Quali-Pro® NIMITZ® Pro G Nematicide** in accordance with all label directions. **Quali-Pro® NIMITZ® Pro G Nematicide** 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. **Quali-Pro® NIMITZ® Pro G Nematicide** has shown excellent activity against the major genera for nematodes

attacking turfgrasses. When used according to the directions **Quali-Pro® NIMITZ® Pro G Nematicide** can provide season long control. Performance may be reduced if used in muck or high clay content soils.

### Phytotoxicity

It is recommended not to rotate turfgrass with plants/crops such as flowers or vegetable crops on treated areas for 365 days after application of the product as injury could result on sensitive plants.

### 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. 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.

### Turfgrass

**Quali-Pro® NIMITZ® Pro G Nematicide** has shown excellent activity against the major genera for nematodes attacking turfgrasses. When used according to the directions **Quali-Pro® NIMITZ® Pro G Nematicide** can provide season-long control. **Quali-Pro® NIMITZ® Pro G Nematicide** kills the nematodes. This is a new synthetic chemistry that is a true Nematicide and not a Nematostat. Nematodes as they come into contact with this product will die soon after exposure or become inactive and die. Applications should be uniformly broadcasted overtop turfgrass suspected to have nematodes or with a history of nematodes.

Site	Application Rate	Application Information
Turfgrass	60-120 pounds product per acre (0.9-1.8 lb a.i. per acre per application).	Treated areas must be irrigated following applications in order to get the active ingredient into the root zone and soil. Irrigation amounts are variable depending on turfgrass thatch/density but generally 1/4 inch of water is adequate. Aerifications prior (1-10 days) to application have been shown to increase speed and improve control. Any type of aerification (solid tine, hollow tine, core or plugs or verti-cutting) will improve product performance and improve soil and root penetration.
<b>Restrictions:</b> <ul style="list-style-type: none"> <li>Do not apply more than 3.6 lbs. fluensulfone (240 lbs of <b>Quali-Pro® Nimitz® 1.5 G Nematicide</b> ) per acre per calendar year.</li> <li>Do not apply more than 120 pounds Quali-Pro® Nimitz® 1.5 G Nematicide per single application except as a rescue treatment for sod grass, for which 240 pounds can be applied in a single application.</li> <li>Do not allow treated turfgrass or grass clippings to be used as hay, forage for livestock animals.</li> </ul>		

Nematode counts/assays are an important part of an integrated pest management program and are essential for developing a nematode management program. It is recommended that a nematode assay report be done prior to applications to identify populations and nematode species; however, nematode assay counts following applications can be variable. Nematode counts used as a measurement of control in many cases can be misleading due to normal variability. **Quali-Pro® NIMITZ® Pro G Nematicide** has proven to provide excellent control of the nematodes following application. Nematode counts have been reduced over time but nematode counts have been variable as to the optimum time of sampling. The best method of measurement for this product is root evaluation. A simple root core taken approximately 4-5 inches in depth has shown consistent increases in turfgrass root lengths, root density, root weights and healthy new roots. **Quali-Pro® NIMITZ® Pro G Nematicide** has consistently provided healthier turf effects and root protection against nematodes. In certain cases, depending on environmental conditions a positive turfgrass response (green-up effect) can be seen.

**For Broadcast Applications on established Bermudagrass, Zoysiagrass, Seashore Paspalum, St. Augustinegrass, Centipedegrass and Tall Fescue (including golf course greens, tees, fairways, sport fields, commercial turfgrass areas and residential turfgrass). It is recommended this product be applied by a commercial applicator.**

In the Southern US States, apply Quali-Pro® NIMITZ® Pro G Nematicide to turfgrass in early spring or as nematode symptoms become present. The earlier Quali-Pro® NIMITZ® Pro G Nematicide is applied before symptoms become severe, the more control and protection this product will provide. In the transition area (where turfgrass goes dormant due to frost) make application following spring green-up or when the turfgrass is actively growing.

Site	Application Rate	Product Information
Bermudagrass, St.	60-120 pounds product per acre (0.9-1.8 lb a.i. per acre per application).	applied broadcast over the top of the turfgrass
Augustinegrass, Zoysiagrass, Centipedegrass, Seashore Paspalum, and Tall Fescue	<ul style="list-style-type: none"><li>60 pounds product per acre may be applied at 1 month intervals for 4 consecutive months</li></ul>	
	<ul style="list-style-type: none"><li>80 pounds product per acre may be applied at 1 month intervals for 3 consecutive months</li></ul>	
	<ul style="list-style-type: none"><li>120 pounds product per acre may be made in spring or early summer with a second application of 120 pounds product per acre 2-6 months following the initial broadcast application</li></ul>	
<b>Restriction:</b> <ul style="list-style-type: none"><li>Do not apply more than 3.6 lbs. fluensulfone (240 lbs of Quali-Pro® Nimitz® 1.5 G Nematicide) per acre per calendar year.</li></ul>		

To improve the product penetration to the root zone/soil the broadcast application should follow aerification (1-10 days) prior to application. It is required to irrigate following application with an adequate amount of water (generally 1/4 inch). The listed southern turfgrasses have shown good tolerance to Quali-Pro® NIMITZ® Pro G Nematicide when applied as a broadcast application. Depending on nematode populations and damage, applications can be made monthly or bi-monthly.

### **Creeping Bentgrass (including Greens, Tees and Fairways)**

Apply Quali-Pro® NIMITZ® Pro G Nematicide to Creeping Bentgrass in early spring or as nematode symptoms become present. The earlier Quali-Pro® NIMITZ® Pro G Nematicide is applied before symptoms become severe the more control and protection this product will provide. Apply to Creeping Bentgrass when the turfgrass is actively growing.

Site	Application Rate	Product Information
Creeping Bentgrass	60 pounds product per acre at 4 week intervals (limited to 4 applications)	Tolerance to Quali-Pro® NIMITZ® Pro G Nematicide has been observed at rates of 60 pounds per acre. The tolerance to transition zone Creeping Bentgrass depends on the level of environmental stresses on the bentgrass prior to the broadcast application. Some research has shown slight phytotoxicity to transition zone Creeping Bentgrass which most likely was caused by higher levels of stress during application periods.
<b>Restriction:</b> <ul style="list-style-type: none"> <li>Do not apply more than 3.6 lbs. fluensulfone (240 lbs of Quali-Pro® Nimitz® 1.5 G Nematicide) per acre per calendar year.</li> </ul>		

To improve the product penetration to the root zone and soil the broadcast application should follow aerification (1-10 days) prior to application. It is required to irrigate following application with an adequate amount of water (generally 1/4 inch).

### **Nematode Control as a Rescue Treatment for Sod Turfgrass of Zoysiagrass, Bermudagrass and St. Augustinegrass on Sod Farms**

For Nematode control prior to harvesting/cutting turfgrass sod on sod farms, it is recommended to make a broadcast application 1-2 months prior to harvesting or cutting turfgrass sod. Make an application of **Quali-Pro® NIMITZ® Pro G Nematicide** at 120 – 240 pounds per acre to the established turfgrass sod. It is required to irrigate the sod following application with an adequate amount of water (generally 0.25-0.5 inches). For low cut or fairway height turfgrass sod to improve the product penetration to the root zone and soil, it is recommended that the broadcast application should follow aerification (1-10 days) prior to application. **Quali-Pro® NIMITZ® Pro G Nematicide** has been shown to provide effective control of nematodes and increase root tensile strength of newly harvested sod.

#### **Restriction:**

A NIOSH approved particulate respirator with a sealable R or P filter with NIOSH approval prefix TC-84A is required for all mixer/loader activities for sod farms and for applicator activities in rescue treatments.

### **Application Equipment**

**Quali-Pro® NIMITZ® Pro G Nematicide** can be applied as a broadcast application with typical turfgrass spreaders including Andersons®, Gandy®, Scotts®, Lesco®, Spyker®, Prizelawn®, Vicon®, Lely® or others. Applications can be made with rotary spreaders or drop spreaders. It is recommended that the applicator calibrate their application equipment prior to application to ensure proper/uniform applications over the desired areas.

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

### **STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in dry area. Do not store near other pesticides, or seeds.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

#### **CONTAINER DISPOSAL:**

**Nonrefillable Container (rigid-fifty lbs. or less):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ 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. Place in trash or in a sanitary landfill.

### **LIMITATION OF WARRANTY AND LIABILITY**

Read the entire direction 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 risk 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 Control Solutions, Inc. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Control Solutions, Inc. 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 Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. 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 Control Solutions, Inc. election, the replacement of product.

Control Solutions Inc.  
5903 Genoa Red Bluff Road  
Pasadena, Texas 77507

Quali-Pro and Nimitz is a registered trademark of ADAMA Group Company. Andersons is a registered trademark of The Andersons, Inc. Gandy is a registered trademark of Dale Gandrud. Lely is a registered trademark of Maasland N.V. Corp. Lesco is a registered trademark of Lesco, Inc. Prizelawn is a registered trademark of Earthway Products, Inc. Scotts is a registered trademark of The Scotts Company LLC. Spyker is a registered trademark of Spyker Spreader Works Corp. Vicon is a registered trademark of Kveneland Group.

Specimen-NimitzProG-53883-357-03212017.docx