

# RESTRICTED USE PESTICIDE

## DUE TO TOXICITY TO AQUATIC INVERTEBRATES

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

# QUALI-PRO<sup>®</sup>

# Fipronil 0.1G

## *Insecticide*

COMMERCIAL USE ONLY • FOR APPLICATION BY PEST CONTROL OPERATORS

### For Turfgrass and Landscape Beds

- Contains the active ingredient Fipronil
- One application controls Mole Crickets and Imported Fire Ants, *Solenopsis* spp., All Season Long
  - Application is Quick and Easy

### ACTIVE INGREDIENT: % BY WT.

Fipronil:5-amino-1-(2,6-dichloro-4-(trifluoromethyl)phenyl)-4-((1,R,S)-(trifluoromethyl)sulfinyl)-1H-pyrazole-3-carbonitrile .....	0.1%
<b>OTHER INGREDIENTS:</b> .....	<b>99.9%</b>
<b>TOTAL:</b> .....	<b>100.0%</b>

EPA Reg. No. 53883-273-66222

## 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 this label, find someone to explain it to you in detail).

For additional precautionary, handling, and use statements, see inside of this booklet.

Distributed By:  
**Makhteshim Agan of North America, Inc.**  
4515 Falls of Neuse Rd., Suite 300  
Raleigh, NC 27609

FG# 14188

### FIRST AID

<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact Prostar at 1-877-250-9291 for emergency medical treatment information.

**NOTE TO PHYSICIAN:** There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient. **Symptoms of Poisoning:** In severe cases of overexposure by oral ingestion, lethargy, muscle tremors, and in extreme cases, possible convulsions may occur.

EPA 041210/Rev A

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## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**Cautious.** Harmful if absorbed through the skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators, mixers, loaders, and persons cleaning application equipment must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

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

### ENGINEERING CONTROLS STATEMENT

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural practices (40 CFR 170.240 (d) (4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS. Important: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for applicators and other handlers and have such PPE available for use in an emergency such as a spill or equipment breakdown.

### USER SAFETY RECOMMENDATIONS

#### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE 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 birds, fish, aquatic and estuarine (tidewater dwelling) 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. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Cover, incorporate, or clean up granules that are spilled. Do not contaminate water when disposing of equipment washwater or rinsate.

#### For Broadcast Applications:

Do not apply within 15 feet of bodies of fresh water, lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, and commercial fish ponds. A 15-foot buffer of uniform groundcover must exist between application zone and bodies of freshwater (uniform ground cover is defined as land which supports vegetation of greater than 2 inches throughout).

Do not apply within 60 feet of estuarine bodies of water. Estuarine water bodies are brackish, tidal water such as bays, mouths of rivers, salt marshes, and lagoons.

In order to reduce risk to birds, ensure that the application is spread evenly over the treatment area.

**Florida:** Do not use this product in 500 feet of areas occupied by the threatened Florida scrub jay, bluetail mole skink, or sand skink. In addition, for the protection of the threatened bluetail mole skink and sand skink, apply only to turfgrass and allow at least a 30-foot untreated buffer of turfgrass when adjacent to scrub habitat (i.e., xeric upland) in the following counties: Highlands, Lake, Marion, Orange, Osceola, Polk, and Putnam. For guidance, consult the Florida Department of Agriculture and Consumer Services.

### DIRECTIONS FOR USE

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

### RESTRICTED USE PESTICIDE

Read entire label before using this product.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may 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 in accordance with its labeling and with the Worker Protection Standard, 40 CFR 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), notifications to workers, and restricted-entry intervals. The requirements in this box only apply to sodfarm uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

PPE required for entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil, or water is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Always wear protective clothing and use appropriate equipment during application and handling. Avoid breathing dust.

## TURFGRASS AND LANDSCAPE BEDS

QUALI-PRO FIPRONIL 0.1G may be applied as a slit application for the control of mole crickets and as a broadcast application for the control of imported fire ants, *Solenopsis* spp., on turfgrass and landscape beds. Additional insects such as fleas, ticks, mole crickets, and nuisance ants may be controlled for a limited time after broadcast application.

### GENERAL PRECAUTIONS AND RESTRICTIONS:

Always wear protective clothing and use appropriate equipment during application and handling. Avoid contact with granules. Avoid breathing dust. Apply this pesticide when the potential for drift to nearby bodies of water is minimal (wind speed is 10 mph or less and the wind is blowing away from the body of water). Do not apply to pastures or grazing lands. Do not apply in a combination with other products (pesticides, fertilizers, etc.) since comprehensive compatibility studies have not been performed on all products.

### State Specific Restrictions:

- The state of Arizona has not approved this product for use on agricultural sites. Do not use this product on uses considered by the Arizona statutes to be agricultural uses.

## APPLICATION INSTRUCTIONS SLIT-PLACEMENT APPLICATION

Apply to control overwintering adult mole crickets, newly hatched nymphs, or when damage to turfgrass indicates a severe infestation exists.

**NOTE:** In California, application may only be made in the Coachella Valley during the months of April through September.

**WHERE TO APPLY:** Turfgrass areas including golf courses, lawns in commercial and residential areas; cemeteries; recreational areas including parks, campsites; around schools and sports fields; and on sodfarms; and **Landscape beds.**

**HOW TO USE:** Apply QUALI-PRO FIPRONIL 0.1G with slit-placement equipment. The slit depth should be set to the area where the thatch and soil meet. Before each use, calibrate and adjust the equipment to ensure accurate application rates.

**HOW MUCH TO APPLY:** Apply 12.5 to 25.0 lbs. of QUALI-PRO FIPRONIL 0.1G per acre (4.6 to 9.4 ounces of QUALI-PRO FIPRONIL 0.1G per 1000 sq. ft.). For heavy insect infestations or adult insect life stages, use higher rates. Repeat applications may be necessary when there is severe mole cricket infestations and undesirable turfgrass damage.

### Restrictions:

- Do not apply more than 25 lbs. of QUALI-PRO FIPRONIL 0.1G per acre (0.025 lb. ai/A) per application.
- Do not apply more than 50 lbs. of QUALI-PRO FIPRONIL 0.1G per acre (0.05 lb. ai/A) per year.
- Calibrate and adjust equipment prior to application to ensure that the proper rate of product will be applied.

## BROADCAST APPLICATION

To control Imported Fire Ants, *Solenopsis* spp., or to control established colonies, QUALI-PRO FIPRONIL 0.1G should be applied evenly to the entire area to be treated with broadcast equipment.

This product can be used on the USDA APHIS Fire Ant Quarantine area in the following states including Puerto Rico:

Alabama	Georgia	Oklahoma
Arkansas	Louisiana	South Carolina
California (Coachella Valley Only)*	Mississippi	Tennessee
Florida	New Mexico	Texas
	North Carolina	Virginia

\* Applications can only be made from April through September.

### Restrictions:

- Before using this product, refer to the USDA APHIS Imported Fire Ant Quarantine web site: [http://www.aphis.usda.gov/plant\\_health/plant\\_pest\\_info/fireants/downloads/fireant.pdf](http://www.aphis.usda.gov/plant_health/plant_pest_info/fireants/downloads/fireant.pdf) or search the APHIS web site by zip code to determine if the area to be treated is located within the APHIS Imported Fire Ant Quarantine area: [http://www.aphis.usda.gov/plant\\_health/plant\\_pest\\_info/fireants?fireantquery.php](http://www.aphis.usda.gov/plant_health/plant_pest_info/fireants?fireantquery.php). If the zip code for the area to be treated does not appear in the APHIS Imported Fire Ant Quarantine zone, you must notify and consult with the county's extension agent prior to treating.
- Consult your State or Federal plant protection inspector or your county agent for assistance regarding exact areas under regulation and requirements for moving regulated articles.
- For all areas except sodfarms within the USDA APHIS Quarantine area, do not apply more than 1 application per year of 12.5 lbs. per acre.
- For sodfarms within the USDA APHIS Quarantine area, 2 applications of 12.5 lbs. per acre per application may be made.
- Do not broadcast over impervious surfaces such as paved or concrete roads, sidewalks, driveways, and walkways.
- Do not broadcast near any storm drains.
- Calibrate and adjust equipment prior to application to ensure that the proper rate of product will be applied.

**WHERE TO APPLY:** Turfgrass areas including golf courses, lawns in commercial and residential areas; cemeteries; recreational areas including parks, campsites; around schools and sports fields; and on sodfarms; and **Landscape beds.**

**HOW TO USE:** Apply QUALI-PRO FIPRONIL 0.1G with broadcast equipment. Before each use, calibrate and adjust the equipment to ensure accurate application rates. Ensure thorough and even coverage of the granules. Water-in immediately after application.

**HOW MUCH TO APPLY:** Apply 12.5 lbs. of QUALI-PRO FIPRONIL 0.1G per acre (4.6 ounces of QUALI-PRO FIPRONIL 0.1G per 1000 sq. ft.).

**The primary purpose of this product is for Imported Fire Ants, *Solenopsis* spp., control. When treating for Imported Fire Ants, *Solenopsis* spp., the following pests will be controlled for a limited time:** Fleas [*Ctenacephalides* spp.] and Ticks [*Dermacentor* spp., *Rhipicephalus* spp., *Ixodes* spp.], 1 month; Nuisance ants [*Lasius neoniger*], 3 months; Mole crickets [*Scapteriscus* spp.], 4 months.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Do not store in or around the home. Store unused product in original container only, out of the reach of children and animals. NEVER TRANSFER THIS PRODUCT TO ANOTHER CONTAINER FOR STORAGE.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide is a violation of Federal law. Contamination with this product will render water, food, or feed unfit for human consumption. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**IN CASE OF SPILL:** Sweep up spilled granules, transfer to a marked container, and dispose of wastes on site or at a waste disposal facility.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill container. Offer for recycling, if available. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by State and local authorities, by open burning. If burned, stay out of smoke.

### WARRANTY STATEMENT

Makhteshim Agan of North America, Inc. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with 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 Makhteshim Agan of North America, Inc. To the extent consistent with applicable law, Makhteshim Agan of North America, Inc. shall in no event be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. Except, as expressly provided herein, Makhteshim Agan of North America, Inc. makes no warranties, guarantees, or representations of any kind, either expressed or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, the exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damage resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at Makhteshim Agan of North America, Inc.'s election, the replacement of this product.

Quali-Pro is a registered trademark of Makhteshim Agan of North America, Inc.