

## AMDRO® PRO FIRE ANT BAIT

We Don't Make The Plants.  
We Make Them Better.™

 **BASF**  
The Chemical Company



### A Better Way to Control Fire Ants

A queen fire ant can lay 2,000 eggs each day. That's why it's essential to kill the queen. **Amdro® Pro fire ant bait** does just that, using an active ingredient that gives worker ants enough time to deliver it to their queen. No queen. No colony. When used as directed, **Amdro Pro:**

- Delivers proven, cost-effective control of fire ants.
- Provides flexible dose and application options, making it effective when used over large areas or around a single mound.
- Is approved for aerial applications.
- Is approved by USDA-APHIS for quarantine treatments for certification of nursery stock.

### Fire Ant Facts

- A queen fire ant can lay 2,000 eggs each day.
- Fire ants can move into circuit breakers, relays, motors and other electrical devices, causing short circuits and fires.
- Fire ants forage out of underground tunnels that extend up to 100 feet from a mound.



#### Use Sites:

**Ornamentals:** Container- or field-grown ornamentals, non-food-bearing nursery stock, and soil around non-food-bearing fruit or nut trees

**Turf:** Athletic fields, commercial grounds, golf courses, lawns, landscaped areas and sod farms (commercial turf)

**Noncropland Areas:** Airports, cemeteries, commercial grounds, parks, school and picnic grounds, recreational areas and roadsides

**Formulation:** 0.73% G (Granule)

**Packaging:** 4.5 lb bag; 25 lb bag

**Active Ingredient:** Hydramethylnon

**Chemical Family:** Amidinohydrazone

**Mode of Action:** Site II electron transport inhibitor in the cell mitochondria. Stops insects' energy source, causing insects to die.

**Use Rates:** Do not apply more than 2 lbs per acre. Individual Mounds: 2 to 5 level tablespoons Broadcast Treatment: 1 to 1.5 lbs per acre for imported red fire ants and harvester ants; 2 lbs per acre for big-headed ants only. (2 to 3 oz per 5000 sq. ft.)

**Signal Word:** CAUTION

**REI:** When dust has settled; 12 hours (Agricultural uses only)

**PPE:** Long-sleeved shirt and long pants; chemical-resistant gloves; shoes and socks

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## SPEED OF KILL: BROADCAST APPLICATION Texas

Treatment	Rate lb/A	Mean Number of Active Mounds			
		Pre	36-hour	7-day	30-day
Untreated	--	14.8	13.3	15.8	16.5
<b>Amdro Pro</b>	<b>1.5</b>	<b>14.3</b>	<b>4.5</b>	<b>0.8</b>	<b>1.5</b>
Indoxacarb	1.5	14.3	4.5	0	2.3
Ortho Fire Ant Bait	4	14.5	8.3	7	9.5
Talstar 2G	25	14.3	7.3	0	2.3

Texas A & M University; Mr. C. Barr; LaGrange, TX, Texas Cooperative Extension

Application: 06/30/03

Results are mean no. of red imported fire ant mounds in 3 replications in 3,200 ft<sup>2</sup> plots.

P<0.05 with df = 15

Paper Title: How Fast Is Fast: Broadcast Baits; As found on Texas A&M website, <http://fireant.tamu.edu>

Firestar (fipronil bait) treatment results were not shown because bait material was determined to be sub-standard and tested following trial.

### Keys to Success

Apply the product when the ants are most active in the day and when the soil temperatures are above 60° F. Avoid applications in the heat of the day. Mounds: Distribute bait uniformly around the mound. Do not disturb the mound. Broadcast treatment: Broadcast bait uniformly with ground (granular spreaders) or aerial equipment. Delay irrigation or water on the bait for 24 hours following application.

### Control Symptoms

Satellite mounds begin to disappear when the broadcast application is made to the entire infested area. Mound treatments result in mound collapse.

### Mound Treatments

Treatment to the mound followed by the broadcast application will eliminate mounds more rapidly or prevent satellite mounds from developing following rainfall events. Or, use a contact insecticide on the mound as a liquid drench followed by the broadcast application of **Amdro Pro**.

**Approved by USDA-APHIS for quarantine treatments** of field-grown ball and burlap nursery stock, including non-bearing fruit and nut tree stock, and for use around container nursery production sites.

**Large-scale aerial applications** can be used for broadcast treatments on large properties, providing excellent particle distribution on the ground to densely populated fire ant populations.



Always read and follow label directions.

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