

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
Amdro Pro	1.5	14.3	4.5	0.8	1.5
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 ft² 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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