

## The Latest and Greatest on Fire Ant Control Products

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For more information see our web site, <http://fireant.tamu.edu> - Updated 2/16/2006

### Broadcast Baits

(Apply at 1.5 lbs/acre unless noted on label)

#### **Agricultural Lands (grazed, hayed, cropped, orchards, gardens, etc.)**

Extinguish (0.5% s-methoprene) - labeled for use almost anywhere. Very slow to work, 2-3 months applied in spring, 4- 8 months applied in fall.

Amdro Pro (0.73% hydramethylnon) - labeled for grazed pastures and hay production only, as well as non-crop areas. The only "Amdro" or hydramethylnon labeled for pasture use. Works in about 4 weeks.

Extinguish + Amdro Pro Hopper Blend - mix 0.75 lb of each applied at 1.5 lbs/acre total. Gives speed of Amdro Pro and "forgiveness" and thoroughness of Extinguish at no extra cost.

Esteem/Distance (0.5% pyriproxyfen) - Recent pasture label for Esteem. Very slow, 2-3 months applied in spring, 3-6 months in fall. Very forgiving in application and coverage.

#### **Non-Food Producing Lands (can include horse pastures and other non-crop areas)**

Things you're NOT supposed to use on cow/hay pastures despite what you may have heard:

Logic/Award, Extinguish Plus, Over 'N Out

Extinguish Plus (0.25% s-methoprene + 0.36% hydramethylnon) - the same ingredients as the hopper blend, but in a single package. NOT for pasture use, though blend is.

Logic/Award (1% fenoxycarb) - Logic is no longer being made, but all sites are on Award label. A good IGR, but very slow.

Products with Conserve (0.015% spinosad) - considered "organic", fast, but inconsistent when broadcast. Justice is no longer being made. Available as Green-Light, Safer, Payback, Fire Ant's Nightmare, also SW Contract Packaging in 25 lb bags.

Ascend/Varsity/Clinch (0.011% abamectin) - fast IGR-like products, hard to find, PCO market

Firestar/Ceasefire (0.00015% fipronil) - Bayer is changing the bait granule for better performance, so not available now. Past tests indicate speed of control similar to Amdro.

Amdro Yard Treatment (0.036% hydramethylnon) - version of Amdro that can be applied through a regular fertilizer spreader at 21 lbs/acre. High volume application for homeowners is an industry trend.

Advion (0.045% indoxacarb) - Professional version. 90% or better control in THREE DAYS, foraging suppression in 12 - 48 hours. New red packaging and similar price as other baits.

Spectracide Once & Done (0.016% indoxacarb) Retail, high volume application, works like Advion. Two to three applications per year usually needed.

### Contact Insecticides

Over 'N Out/TopChoice (0.0103%, 0.0143% fipronil) About as fast as Amdro, but VERY long true residual activity. I have seen good control for over a year, particularly on clay soils. Expensive (\$20/5,000 square feet vs \$10-12 per acre for baits) so use in high traffic areas or where long term control is needed.

Sevin XLR Plus (47% carbaryl) - labeled for pasture mound drench, 1.5 quarts/100 gal.

Other mound treatments (mostly pyrethroids)- When used as directed, they will kill the mound

Other broadcast treatments - Suppress foragers, but may not kill colony. Uses a lot of chemical.