

2006 Fire Ant Control Materials for Alabama Homeowners

This publication has been created as a supplement to another Extension publication, ANR-175, "Imported Fire Ants in Lawns, Turf, and Structures," which discusses various methods used for controlling fire ants. Read ANR-175 first to help you decide how to manage the fire ants in your home grounds. Then use the product list in this publication to determine the appropriate choice.

Many products for the control of fire ants are now on the market. Each year new fire ant control products are available and old products may have new names. The products mentioned in this publication were found on the shelves of various farmers cooperatives, hardware stores, and lawn and garden centers during a survey of 25 stores in April 2006. Other materials may be available.

Table 1. Fire Ant Control Products That Are Spread (Broadcast) Across the Infested Area

Trade name	Approximate cost to treat one acre ¹	Common name code ²	Number of stores
Baits			
Extinguish Professional Fire Ant Bait	\$17	1	2
Hi-Yield Logic	\$18	10	1
Amdro Fire Ant Bait or Amdro Pro	\$19	12	18
Extinguish Plus Fire Ant Bait	\$20	2	4
Southern Ag Payback Fire Ant Bait	\$28	19	1
Penn-Kill Fire Ant Killer Bait	\$34	19	1
Ortho Fire Ant Killer Bait Granules	\$44	19	3
Ferti-lome Come and Get It	\$49	19	3
Green Light Fire Ant Control with Conserve	\$52	19	2
Spectracide Fire Ant Killer Plus Preventer Bait Once & Done	\$87	14	5
Amdro Fire Ant Bait Yard Treatment	\$126	12	11
Granular insecticides			
Spectracide Triazicide Once & Done Insect Killer	\$68	15	3
Impose Fire Ant Killer	\$91	4	2
Basic Solutions by Ortho Fire Ant Killer Granules	\$105	9	2
Ortho BugBGon Max Insect Killer for Lawns	\$121	4	8
Ortho Fire Ant Killer Broadcast Granules	\$150	4	2
Ortho Max Fire Ant Killer Broadcast Granules	\$166	4	7
Scotts Turf Builder with Fire Ant Control	\$174	4	2
GardenTech Over-N-Out	\$177	11	15
Liquid concentrates			
Bifen I/T	\$153	4	2

¹An acre is 43,560 square feet. To determine the square footage of your yard, multiply the length in feet by the width in feet.

²See Table 3 for the common names of the fire ant control products.

Table 2. Products That Can Be Used as Individual Mound Treatments to Control Fire Ants

Trade name	Approximate cost to treat 10 mounds	Type of product	Common name code ¹	Number of stores
Eliminator Soil & Turf Insect Killer Granules	\$0.25	granule	9	1
Hi-Yield Turf Ranger Insect Control Granules	\$0.34	granule	9	5
Basic Solutions by Ortho Fire Ant Killer Granules	\$0.39	granule	9	2
Hi-Yield Imported Fire Ant Control Granules Containing Deltamethrin	\$0.60	granule	9	2
Bayer Advanced Lawn Fire Ant Killer	\$0.88	dust	7	5
Eliminator Lawn Insect Killer Granules	\$1.02	granule	5	1
Acephate 75 SP Agricultural and Fire Ant Insecticide	\$1.07	dust	3	1
Bengal UltraDust 2X Fire Ant Killer	\$1.08	dust	9	3
Hi-Yield Acephate Systemic Turf, Tree, and Ornamental Spray	\$1.09	dust	3	4
Spectracide No-Odor Fire Ant Killer Ready-to-Use Dust	\$1.11	dust	16	4
Martin's Vegetables Plus	\$1.14	liquid con.	16	2
Surrender Fire Ant Killer	\$1.19	dust	3	4
Eliminator Ant & Roach Killer Dust	\$1.23	dust	9	2
Orthene 75% Turf Tree and Ornamental Spray	\$1.29	dust	3	3
Ortho Orthene Fire Ant Killer	\$1.35	dust	3	11
GardenTech Sevin Lawn Insect Granules	\$1.42	granule	5	8
Real Kill Multipurpose Lawn & Garden Insect Killer	\$1.62	granule	16	1
Bayer Advanced Lawn Complete Insect Killer for Soil & Turf	\$1.67	granule	13	4
Southern Ag Fire Ant Control Granules	\$1.67	granule	16	1
Hi-Yield 10% Carbaryl Garden and Pet Dust	\$1.87	dust	5	4
Bayer Advanced Lawn PowerForce Fire Ant Killer Ready-to-Use Granules	\$1.88	granule	7	3
Spectracide Fire Ant Killer Plus Preventer Bait Once & Done	\$1.94	bait	14	5
Terro Ant Dust	\$2.09	dust	9	5
Eagles-7 Fire Ant Destroyer	\$2.12	dust	9	4
Green Light Many Purpose Dust	\$2.16	dust	9	1
Eliminator Ant, Flea, and Tick Killer Granules	\$2.20	granule	16	1
No-Pest Lawn Insect Killer Granules	\$2.31	granule	16	2
Spectracide Fire Ant Killer Granules Mound Destroyer	\$2.50	granule	15	7
Gordon's Bug No More Lawn Insect Granule	\$2.64	granule	16	1
Hi-Yield Logic	\$2.91	bait	10	1
Southern Ag Payback Fire Ant Bait	\$2.98	bait	19	1
Eliminator Fire Ant Killer Plus! Granules	\$3.10	granule	16	2
Maxide Fire Ant Killer Plus! Granules	\$3.10	granule	16	1
Schultz Fast-Acting Fire Ant Killer	\$3.25	granule	20	3
Green Thumb Multi-Purpose Insect Control	\$3.47	granule	16	2
Penn-Kill Fire Ant Killer Bait	\$3.55	bait	19	1
Spectracide Triazicide Soil and Turf Insect Killer Granules	\$3.58	granule	15	12
Eliminator Fire Ant Killer Dust	\$3.84	dust	9	2
Spectracide Fire Ant Killer Granules ₂	\$3.92	granule	15	3
Ortho Max Fire Ant Killer Broadcast Granules	\$4.09	granule	4	7
Bonide Bug Beater II	\$4.17	liquid con.	16	1
Spectracide Bug Stop Insect Control Granules	\$4.29	granule	16	1

Trade name	Approximate cost to treat 10 mounds	Type of product	Common name code ¹	Number of stores
Ortho Fire Ant Killer Mound Treatment	\$4.31	granule	4	6
Ortho Fire Ant Killer Bait Granules	\$4.36	bait	19	3
Organic One Commercial Insecticide	\$4.42	dust	17	1
Amdro Ant Block Home Perimeter Ant Bait	\$4.54	bait	12	4
Hi-Yield Kill-A-Bug II Lawn Granules	\$5.03	granule	16	4
Impose Fire Ant Killer	\$5.12	granule	4	2
Ferti-lome Come and Get It	\$5.15	bait	19	3
Green Light Fire Ant Control with Conserve	\$5.15	bait	19	2
Extinguish Professional Fire Ant Bait	\$5.35	bait	1	2
Amdro Fire Ant Bait or Amdro Pro	\$5.60	bait	12	18
Enforcer Fire Ant Killer Granules II	\$5.75	granule	16	6
Surrender Termite Killer II	\$6.24	liquid con.	16	1
Natural Guard Lawn, Plant & Pet Insect Spray	\$6.24	liquid con.	6	2
Green Light Fire Ant Killer	\$6.54	granule	16	4
Extinguish Plus Fire Ant Bait	\$6.68	bait	2	4
Ortho Fire Ant Killer Broadcast Granules	\$7.39	granule	4	2
Eliminator Bug Killer Concentrate Sevin	\$7.45	liquid con.	5	1
GardenTech Sevin Bug Killer Ready to Spray (hose-end sprayer)	\$7.50	liquid con.	5	5
Terro Outdoor Ant Killer Plus Multi-Purpose Insect Control	\$7.83	granule	16	6
GardenTech Sevin Bug Killer Concentrate	\$7.86	liquid con.	5	18
Bonide Total Pest Control Concentrate	\$8.11	liquid con.	16	1
Hi-Yield Indoor/Outdoor Broad Use Insecticide	\$8.31	liquid con.	16	2
Bifen I/T	\$8.77	liquid con.	4	2
Hi-Yield Garden, Pet & Livestock Insect Control	\$9.72	liquid con.	16	4
Bonide Termite and Carpenter Ant Killer	\$11.72	liquid con.	16	2
Grant's Ant and Spider Killer Granules	\$12.35	granule	16	2
Southern Ag Conserve Naturalyte Insect Control	\$12.38	liquid con.	19	1
Gordon's Ant Granules	\$12.91	granule	16	1
Eliminator Ant, Flea, Tick, & Mosquito Killer Concentrate	\$16.83	liquid con.	16	1
Hi-Yield 38 Plus Turf, Tree, and Ornamental Insect Control	\$20.01	liquid con.	16	4
Bonide Rotenone-Pyrethrins Spray Concentrate	\$20.61	liquid con.	18	1
Ferti-lome Borer, Bagworm, Leaf Miner, and Tent Caterpillar Spray	\$22.45	liquid con.	19	1
Surrender Cyper WP	\$26.56	wettable powder	8	2
Do It Best Soil & Turf Insect Control	\$28.11	liquid con.	16	1
ACE Soil and Turf Insect Control Concentrate	\$29.98	liquid con.	16	1
Termite Kill III	\$29.99	liquid con.	16	1
Enforcer Bug Max Insect Killer Concentrate	\$96.29	liquid con.	9	3
Demon WP	\$100.00	wettable powder	8	1

¹See Table 3 for the common names of the fire ant control products.

Table 3. Common Names (Active Ingredients) Found in Fire Ant Control Products

Common name code	Common names of active ingredients	LD ₅₀ ¹	Speed of control ²	How it works	Half life in soil ³
1	(S)-methoprene	34,600	8-12 weeks	bait, stops production of new fire ants (igr)	
2	(S)-methoprene, hydramethylnon	1,161	2-4 weeks	mix of two types of baits (see 1 and 12)	
3	acephate	945	1-2 days	contact insecticide	
4	bifenthrin	54.4	1-2 days	contact insecticide	123 days
5	carbaryl	500	1-2 days	contact insecticide	
6	cedar oil		1-2 days	contact insecticide	
7	cyfluthrin	500	1-2 days	contact insecticide	
8	cypermethrin	250	1-2 days	contact insecticide	
9	deltamethrin	135	1-2 days	contact insecticide	14 days or less
10	fenoxycarb	10,000	4-8 weeks	bait, stops production of new fire ants (igr)	
11	fipronil	59	3-4 weeks	slow-acting insecticide	366 days
12	hydramethylnon	1,131	2-4 weeks	bait, kills workers as well as queens	
13	imidacloprid, beta-cyfluthrin	424	1-2 days	contact insecticide	
14	indoxacarb	268	2 days	bait, kills workers as well as queens	
15	lambda-cyhalothrin	56	1-2 days	contact insecticide	30 days
16	permethrin	430	1-2 days	contact insecticide	
17	pyrethrins, piperonyl butoxide, silicon dioxide	1,030	1-2 days	contact insecticide	
18	rotenone, other cube extractives, pyrethrins	132	1-2 days	contact insecticide	
19	spinosad	3,783	2-4 weeks	bait, kills workers as well as queens	
20	tralomethrin	99	1-2 days	contact insecticide	

¹The larger the LD₅₀, the safer the product. The LD₅₀ is the amount required to kill 50 percent of the population, in milligrams per kilogram of body weight, usually calculated using rats or rabbits.

²Speed of control is only one consideration in choosing a fire ant control product. Duration of control is also important. See ANR-175 and ANR-1161 for more details.

³The half life in soil is an indication of the residual nature of the insecticide. It is listed for broadcast granular products.

Visit www.aces.edu/dept/fireants for more information on managing fire ants.



ANR-175-A

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Use pesticides only according to the directions on the label. Follow all directions, precautions, and restrictions that are listed. Do not use pesticides on plants that are not listed on the label.

The pesticide rates in this publication are recommended **only** if they are registered with the Environmental Protection Agency and the Alabama Department of Agriculture and Industries. If a registration is changed or cancelled, the rate listed here is no longer recommended. Before you apply any pesticide, fungicide or herbicide, check with your county Extension agent for the latest information.

Trade names are used only to give specific information. The Alabama Cooperative Extension System does not endorse or guarantee any product and does not recommend one product instead of another that might be similar.

For more information, call your county Extension office. Look in your telephone directory under your county's name to find the number.

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