



Little Fire Ant Products Available for Landscape, Golf Course and Nursery Use

Cooperative Extension Service

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Little fire ants can nest or colonize near the soil surface, in plant debris and above ground (in trees, shrubs, structures, undisturbed sites). A slow-acting insecticide is the most effective way to kill and eliminate an ant colony by allowing the worker ants to carry the insecticide to the queen(s) and workers in the nest. Ant baits and insecticides registered to control ants were tested for attractancy and efficacy against little fire ant (LFA), *Wasmannia auropunctata*, and effective products are listed in Tables 1-3.

Read and follow all label directions before applying baits. Apply product as directed, then survey 2-3 weeks after each treatment using peanut butter to detect any remaining little fire ants (see "Detecting the Little Fire Ant" section in IP-24 publication **Stop the Little Fire Ant**). Repeat treatments and peanut butter surveying until ants are no longer detected.

I. Ant Baits used in Broadcast Treatments (Table 1): Most outdoor products for LFA control are formulated as broadcast granular baits. Granulated corn grit coated with soybean oil serves as the bait and a slow-acting insecticide is added to the corn grit matrix. Granular baits are spread uniformly on the ground using granular spreader applicators or aerial equipment. Tango is a concentrated liquid that must be formulated with a bait matrix and can be applied as a gel.

Table 1: Outdoor broadcast baits that are effective against little fire ants.

Trade name	Active ingredient	Site/Crop	EPA Reg. No.
		(see footnote)*	
Advance 375A	abamectin	1, 4, 5, 7, 8, 9, 12, 14	499-370
Advion Fire Ant Bait	indoxacarb	1, 3, 4, 5, 6, 7, 8, 10	100-1481
Amdro Ant Block	hydramethylnon	1, 2, 3, 4, 18	73342-2
Amdro Fire Ant Bait	hydramethylnon	1, 5, 6, 18	73342-1
Amdro FireStrike	hydramethylnon, methoprene	1, 3, 4, 5, 6, 18	73342-6
Yard Treatment			
Distance Fire ant Bait	pyriproxyfen	3, 6, 7, 8, 10, 11	1021-1728-59639
Esteem	pyriproxyfen	3, 15	59639-114
Extinguish Plus	hydramethylnon, methoprene	1, 3, 5, 11, 16, 18	2724-496
Maxforce Complete	hydramethylnon	1, 3, 7, 8, 9, 10, 16	432-1255
ProBait	hydramethylnon	1, 3, 4, 5, 6, 18	73342-1-2724
Siesta Insecticide	metaflumizone	1, 3, 4, 5, 6, 7, 8, 10, 18	7969-232
Fire Ant Bait			
Liquid concentrate to be mixed and diluted with a bait matrix (see www.littlefireants.com/Tango%20package.pdf)			
Tango	methoprene	3, 15, 16	2724-420

***Site/Crop:** 1= lawn, landscape areas, 2= ornamental gardens, forested areas, 3= non-cropland areas, 4= recreational areas and parks, 5= golf courses, 6= commercial grounds, 7= around buildings, 8= residential areas, 9= non-food/non-feed areas, 10= managed turf areas (non-crop) ornamental nurseries, arboretums, public gardens, sod farms, 11= field grown ornamental nursery and non-bearing nursery stock, 12=food storage areas, 13= potted plants, 14=non-occupied patient areas of hospitals and nursing homes, 15=vineyards, fruit/nut bearing trees, other edible crops, 16=indoors, 17=potted plants, 18=on ground surrounding poultry houses, corrals, other animal holding areas

Precautionary statement / Disclaimer: These recommendations are provided only as a guide.

Please read and follow all label directions

II. Ant Insecticides (Solid) Granular Form (Table 2): These products are solid granules coated with insecticide, not to be confused with a granular bait which is an insecticide added to a carrier, like corn grit coated with soy bean oil. Granular insecticides are designed to be broadcast over an area or mixed into potting media before potting (rates are based on the bulk density of the potting media).

Table 2: Broadcast granular ant insecticides effective against little fire ants.

Trade name	Active ingredient	Site/Crop	EPA Reg. No
Landscape:		(see footnote)[^]	
Talstar PL	bifenthrin	2, 5, 8, 15	279-3168
Talstar Xtra (Verge Granule technology)	zeta-cypermethrin and bifenthrin	2, 3, 5, 8, 15	279-9552
Up-Star Easy Spread	bifenthrin	1, 5, 15	70506-73
Up-Star Gold	bifenthrin	2, 5, 7, 8, 9 15	70506-73
Golf Course:			
Talstar GC (RUP) ^Δ	bifenthrin	6	279-3167
Talstar Xtra GC (RUP) ^Δ	bifenthrin	6	279-9547
Up-Star GC (RUP) ^Δ	bifenthrin	6	70506-74
Nursery (media incorporation):			
Talstar Nursery Granular	bifenthrin	16	279-3130
Up-Star Nursery Granular	bifenthrin	16	70506-75

III. Ant Insecticides (liquid) for Spray Applications or Media Drench (Table 3): These products can be applied as foliar sprays, potted media drenches, or ground applications. Ground applications have a residual effect and act as barriers along boundaries to keep ants from re-infesting landscapes or shadehouses.

Table 3: Liquid ant insecticides for spraying for little fire ants.

Trade name	Active ingredient	Site/Crop	EPA Reg. No.
Landscape:		(see footnote)[^]	
Talstar	bifenthrin, prallethrin	7, 8, 9, 15	279-3365
Talstar Professional	bifenthrin	1, 3, 5, 7, 8, 9, 17	279-3206
Up-Star Gold	bifenthrin	2, 5	70506-24
Golf Course:			
Up-Star SC Lawn and Nursery (RUP) ^Δ	bifenthrin	2, 5, 6, 11	70506-23
Nursery (Spraying or Drenching):			
Quali-Pro Bifenthrin I/T 7.9F	bifenthrin	3 (ornamental garden), 5 (parks), 8, 17	66222-190
Talstar Select(RUP) ^Δ	bifenthrin	16, 17	279-3155
Quali-Pro Bifenthrin Golf & Nursery 7.9F (RUP) ^Δ	bifenthrin	11, 12, 16, 17	66222-192
Up-Star SC Lawn and Nursery (RUP) ^Δ	bifenthrin	11, 16, 17	70506-24

^ΔRUP = Restricted Use Pesticide

[^]**Site/Crop:** 1= lawn, 2= lawn, landscape areas, 3= ornamental gardens, forested areas, 4= non-cropland areas, 5= recreational areas and parks, 6= golf courses, 7= commercial grounds, 8= around buildings, 9= residential areas, 10= non-food/non-feed areas, 11= managed turf areas (non-crop), ornamental nurseries, arboreturns, public gardens, sod farms, 12= field grown ornamental nursery and non-bearing nursery stock, 13=non-occupied patient areas of hospitals and nursing homes, 14= potted plants, 15= boundary applications, 16= media incorporation, 17= ornamentals in greenhouses, lath houses, shade houses.

Precautionary statement / Disclaimer: These recommendations are provided only as a guide.

Please read and follow all label directions

Reference: Hara. A.H. 2004 (rev 2010). Stop the Little Fire Ant. Alien Pest Alert. Cooperative Extension Service, College of Tropical Agriculture and Human Resources, University of Hawai'i at Mānoa, Publication IP-24. (download at <http://www.ctahr.hawaii.edu/site/Info.aspx>) May 2014