

E&PP Info Note # 775
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Fire Ant Products Sorted by Product, Name and Formulation for 2017

Fire Ant Products Sorted by Product Name and Formulation for 2017

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Bait Name	Active Ingredient	EPA reg #	Home Lawn/Ornamentals		Perimeter	Rec. Areas		Right of Ways		Pasture ¹		Poultry Houses		Crop Areas ^{2 & 3}		Other Ag. Fence Rows, Ditches, Out Bldgs., etc.		Sod		Nursery Container ^{2 & 3}		Nursery B&B ³		Interior ⁴	
			B	IMT		P	B	IMT	B	IMT	B	IMT	P	IN	B	IMT	B	IMT	B	IMT	B	IMT	B		IMT
Abathor Fire Ant Bait	Abamectin B1	83923-7	X	X	X	X	X																	X	
Advion Fire Ant Bait	Indoxacarb	100-1481	X	X		X	X	X	X																
Amdro Ant Block	Hydramethylnon	73342-2		X	X		X					X													
Amdro Fire Ant Bait Yard Treatment	Hydramethylnon	73342-5	X			X						X													
Amdro Fire Ant Bait	Hydramethylnon	73342-1	X	X		X	X			X ⁵	X ⁵	X													
Amdro Firestrike Fire Ant Bait	Hydramethylnon + (s) methoprene (IGR)	73342-6	X			X						X													
Amdro Firestrike Fire Ant Bait Mound Treatment	Hydramethylnon + (s) methoprene (IGR)	2724-496-73342		X			X		X			X													
Amdro Pro Fire Ant Bait	Hydramethylnon	241-322	X	X		X	X	X	X	X	X	X						X	X	X	X	X	X	X	X
Award® II Fire Ant Bait	Abamectin	100-1452	X	X		X	X												X						
Clinch Ant Bait	Abamectin	100-894										X	X	X	X										
Combat Fire Ant Killer Granules	Hydramethylnon	64240-1	X	X																					
Distance Fire Ant Bait	Pyriproxyfen (IGR)	1021-1728-59639	X	X		X	X	X	X	X ⁷	X ⁷							X	X	X	X	X	X	X	
Ortho Fire Ant Killer Mound Bait	Indoxacarb	239-2722		X	X																				
Esteem Ant Bait	Pyriproxyfen (IGR)	59639-114								X	X		X	X	X	X									
Extinguish Plus	Methoprene (IGR) + Hydramethylnon	2724-496	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X
Extinguish Professional Fire Ant Bait	Methoprene	2724-475	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Ferti-Lome Come And Get It! Fire Ant Killer	Spinosad	62719-329-7401	X	X		X	X							X											
Grant's Kills Ants Ant Killer Bait	Hydramethylnon	73342-2-1663	X	X	X							X													
Maxforce FC Fire Ant Bait	Fipronil	432-1433	X	X		X	X											X	X						
Optigard Fire Ant Bait	Abamectin	100-893	X	X		X	X																		
Prescription Treat. Advance 375 A Select Granular Ant Bait	Abamectin B1	499-370	X	X	X	X	X																	X	
Prescription Treat. Ascend Fire Ant Bait Formula 1	Abamectin B1	499-370	X	X		X	X																	X	
Probait Formulation For Professionals	Hydramethylnon	73342-1-2724	X	X		X	X	X	X			X													
Siesta Insecticide Fire Ant Bait	Metaflumizone	7969-232	X	X	X	X	X	X	X			X				X	X	X	X	X	X				
Southern Ag Payback Fire Ant Bait	Spinosad	62719-304-829	X	X	X																				

Key

- *B = Broadcast
- *IMT = Individual Mound Treatment
- *P = Perimeter
- *IN = Interior
- (IGR) = Insect Growth Regulator

1. Check label for restrictions on applying the product in areas grazed by livestock or other domestic animals or on feeding treated sod clippings to them.
2. Check label to see which crops may be treated.
3. Check label for restrictions on harvesting after application to soil around non-bearing fruit and nut nursery stock
4. Check label for sites where the product may be applied.
5. May be applied to pastures and rangeland if used ONLY for COMPANION ANIMALS (horses, llamas, etc.). Companion animals grazed on treated areas cannot be used for food or feed.
6. May be applied to pastures and rangelands if used only for horses.
7. May be used on non-grazed pasture.
8. For safety reasons, only electricians or licensed pest control operators should treat electrical equipment. Specialized products and training are necessary to treat these sites safely and effectively.

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Dust Name	Active Ingredient	EPA reg #	Home Lawn/Ornamentals		Perimeter	Rec. Areas		Rights of Way		Pasture ¹		Crop Areas ²		Other Ag. (Fence Rows, Field Borders, etc.)		Interior ⁴	Motor housings ⁷ junction boxes, switch boxes, conduits
			B	IMT	P	B	IMT	B	IMT	B	IMT	B	IMT	B	IMT	INT	
Bayer Advanced Fire Ant Killer Ready-To-Use Dust	β-Cyfluthrin	72155-32		X													
Bengal Ultradust 2X Fire Ant Killer	Deltamethrin	68543-26		X													
Bombs Away	Pyrethrins, Piperonyl Butoxide, Silicon Dioxide	10088-93-1553		X												X	X
Delta Dust Insecticide	Deltamethrin	432-772		X													
Demise Fire Ant & Insect Dehydrator	Pyrethrins, Piperonyl Butoxide, Silicon Dioxide	10088-93-68562		X												X	X
Eagles-7 Fire Ant Destroyer	Deltamethrin	3487-29		X	X												
Hi-Yield Fire Ant Killer with Acephate	Acephate	70506-1-7401		X			X								X		
Hi-Yield Multi-Use Dust	Deltamethrin	7401-452		X													
KGRO Garden Dust	Permethrin	4-430		X													
Martin's Surrender Fire Ant Killer Insecticide	Acephate	53883-133		X			X	X							X		
Ortho Orthene Fire Ant Killer 1	Acephate	239-2632		X													
Tempo 1 % Dust	Cyfluthrin	432-1373		X													
Terro Ant Dust	Deltamethrin	149-12		X													
WildFire Fire Ant and Insect Dehydrator	Pyrethrins, Piperonyl Butoxide, Silicon Dioxide	10088-93-11547		X												X	X

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Granular Name	Active Ingredient	EPA reg #	Home Lawn/ Ornamentals		Peri- meter	Rec. areas		Sod	
			B	IMT		P	B	IMT	B
Allectus G Insecticide	Imidacloprid & Bifenthrin	432-1407	X	X		X	X		
Bayer Advanced Triple Action Insect Killer for Lawns Ready-To-Spread Granules	β -Cyfluthrin	72155-35		X					
Bayer Advanced Complete Insect Killer for Soil and Turf RTS Granules	Imidacloprid & β -cyfluthrin	72155-31		X					
Bifen L/P	Bifenthrin	53883-124	X	X	X	X	X		
Bonide Ant Killer Granules	Permethrin	4-425		X					
Bonide Eight Insect Control Flower & Vegetable Above & Below Soil Insect Granules	Bifenthrin	53883-194-4	X	X	X				
Bonide Stinger Fire Ant Killer	Bifenthrin	53883-127-4	X	X					
Chipco Choice Insecticide	Fipronil	432-896	X			X		X	
DeltaGard G Insecticide Granule	Deltamethrin	432-836	X	X	X	X	X		
Eco Exempt G Granular Insecticide	Hexa-Hydroxyl	N/A		X			X		
Garden Tech Sevin Lawn Insect Granules	Carbaryl	432-1212-71004		X					
Garden Tech Advanced OverN Out! Fire Ant Killer	Zeta-cypermethrin & Bifenthrin	279-3344-71004	X	X	X				
Gordon's Ant Granules	Permethrin	53883-39-2217		X					
Gordon's Bug-No-More Lawn Insect Granules	Permethrin	53883-39-2217		X					
Grant's Kills Ants Ant & Spider Killer Granules	Permethrin	28293-328-1663		X					
Heavy Weight Multi-Insect & Fire Ant Killer Granules	Bifenthrin	228-496-75111	X	X	X				
Hi-Yield Bug Blaster II Turf Insect Control Granules	Bifenthrin	228-498-7401	X	X		X	X		

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Granular Name Continued	Active Ingredient	EPA reg #	Home Lawn/Ornamentals		Peri- meter	Rec. areas		Sod	
			B	IMT	P	B	IMT	B	IMT
Hi-Yield Imported Fire Ant Control Granules Containing Deltamethrin	Deltamethrin	7401-454	X	X	X				
Hi-Yield Kill-a-Bug II Lawn Granules	Permethrin	7401-453		X					
Hi-Yield Turf Ranger Insect Control Granules	Deltamethrin	7401-454	X	X	X				
Hi-Yield Vegetable & Ornamental Insect Control Granules	Bifenthrin	228-494-7401	X	X	X				
Howard Johnsons Bifenthrin PL Granular	Bifenthrin	53883-124-32802	X	X	X				
Howard Johnsons Permethrin 0.25 G	Permethrin	53883-39-32802		X					
Knockout Ant, Flea & Tick Killer II Granules	Bifenthrin	228-494-59144	X	X	X				
Knockout Fire Ant Killer Plus Granules II	Bifenthrin	228-494-59144	X	X	X				
Lesco Crosscheck EZ Granular Insecticide	Bifenthrin	279-3168-10404	X	X	X	X	X		
Ortho Home Defense Max Insect Killer for Lawns	Bifenthrin	279-3240-239			X				
Ortho Fire Ant Killer Mound Treatment	Bifenthrin	239-2684		X					
Ortho Max Fire Ant Killer Broadcast Granules	Bifenthrin	239-2681	X	X					
Southern Ag Lawnstar Insecticide Granules	Bifenthrin	70506-73-829	X	X		X	X		
Southern Ag Permetrol Lawn Insecticide Granules	Permethrin	829-296		X					
Spectracide Fire Ant Killer Mound Destroyer Granules	Lambda-Cyhalothrin	9688-174-8845		X					
Spectracide Fire Ant Killer Yard Protection	Lambda-Cyhalothrin	9688-232-8845	X	X	X				
Spectracide Triazicide Insect Killer Once and Done! Granules	Gamma-Cyhalothrin	9688-250-8845	X	X	X				
Talstar XTRA	Zeta-cypermethrin & Bifenthrin	279-3343	X	X	X				
Talstar PL	Bifenthrin	279-3168	X	X	X	X	X		
Terro Ant Killer Plus Multi-Purpose Insect Control 2	Lambda-Cyhalothrin	53883-195-149		X	X				
TopChoice Insecticide	Fipronil	432-1217	X			X		X	
Up-Star Gold Granular Insecticide	Bifenthrin	70506-73	X	X		X	X		
Wisdom EZ & Lawn Granular	Bifenthrin	5481-521	X	X	X	X	X		

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Liquid Name	Active Ingredient	EPA reg #	Home Lawn/Ornamentals		Perimeter	Rec. Areas		Pasture ¹		Crop Areas ²		Turf		Nursery Container ^{2 &}		Nursery B&B ³		Interior ⁴
			B	IMT	P	B	IMT	B	IMT	B	IMT	B	IMT	B	IMT	B	IMT	INT
Amdro Quick Kill Lawn & Landscape Insect Killer Concentrate	Zeta- cypermethrin	279-3347-73342	X	X														
Astro	Permethrin	279-3141	X	X	X	X	X											
Bayer Advanced Carpenter Ant & Termite Killer Plus Concentrate	β-Cyfluthrin	72155-58		X														
Bayer Advanced Home Pest Control Indoor & Outdoor Insect Killer RTU	β-Cyfluthrin	72155-27		X	X													
Bifen I/T	Bifenthrin	53883-118	X	X	X	X	X											
Bull's-Eye Bioinsecticide	Spinosad	62719-314-56872		X														
Bonide Captain Jack's DeadBug Brew Concentrate	Spinosad	4-471		X														
Bonide Carpenter Ant Control Concentrate	Permethrin	4-408		X														
Bonide Colorado Potato Beetle Beater Conc.	Spinosad	62719-314-4		X						X								
Cyonara Lawn & Garden Insect Control	Lambda-Cyhalothrin	53883-197		X														
Cyzmic CS	Lambda-Cyhalothrin	53883-261	X	X		X	X											
Demand CS	Lambda-Cyhalothrin	100-1066	X	X		X	X											
Entrust	Spinosad	62719-282		X			X						X					
Ferti-lome Borer, Bagworm, Leafminer and Tent Caterpillar Spray	Spinosad	62719-314-7401		X														
Hi-Yield Bug Blaster Bifenthrin 2.4	Bifenthrin	228-459-7401		X														
Hi-Yield Indoor/Outdoor Broad Use Insecticide	Permethrin	7401-455		X			X											
Hi-Yield 38 Plus Turf, Termite & Ornamental Insect Control	Permethrin	7401-466		X														
Lesco Crosscheck Plus Multi-Insecticide	Bifenthrin	279-3206-10404	X	X	X	X	X											

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			B	IMT	P	B	IMT	B	IMT	B	IMT	B	IMT	B	IMT	B	IMT	INT
Martin's Permethrin SFR Termiticide/Insecticide	Permethrin	70506-6-53883		X														X
Martin's Vegetable Plus	Permethrin	53883-69		X														
Masterline Bifenthrin 7.9% T/I	Bifenthrin	73748-7	X	X	X	X	X											
Mavrik Perimeter	Tau-Flauvalinate	2724-478	X	X	X													
Menace 7.9% Flowable	Bifenthrin	228-451	X	X	X	X	X											
Monterey Garden Insect Spray	Spinosad	62719-314-54705		X														
Optigard Flex Liquid	Thiamethoxam	100-1306		X														
Optimate CS	Gamma-Cyhalothrin	67760-104-53883	X	X	X	X	X											X
Orange Guard Fire Ant Control	D-Limonene	61887-2-AA		X	X													X
Orthene TTO WSP	Acephate	5481-8971		X			X						X					
Patrol	Lambda-Cyhalothrin	100-1066		X	X		X											X
Permethrin CS	Permethrin	53883-282		X	X								X					X
Quali-Pro® Bifen I/T 7.9 F	Bifenthrin	66222-190	X	X		X	X											
Scimitar CS	Lambda-Cyhalothrin	100-1078	X	X		X	X											
Southern Ag Conserve Naturalyte Insect Control	Spinosad	62719-314-829		X														
Stormtrooper Fire Ant Killer	Tetramethrin & Permethrin	44446-64		X	X													X
Surrender Brand Termite Killer II	Permethrin	4-349-53883		X	X													X
Suspend Polyzone	Deltamethrin	432-1514		X	X													
Suspend SC	Deltamethrin	432-763		X	X		X											X
Talstar P	Bifenthrin	279-3206	X	X	X	X	X											
Tempo SC Ultra	β-Cyfluthrin	432-1363		X	X		X											
Tempo Ultra WP	β-Cyfluthrin	432-1304	X	X	X	X	X											
Termite & Carpenter Ant Killer Concentrate	Permethrin	4-349		X														
Wisdom TC Flowable	Bifenthrin	5481-520	X	X	X	X	X											

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Fire Ant Products Labeled for Motor Housings, Switch Boxes, Junction Boxes, & Conduits

Dust Active Ingredient	Trade Name	EPA Reg #	Individual Mounds	Interior ¹	Perimeter	Motor housings, switch boxes, junction boxes, conduits ²	Above ground transformers, in-ground utility boxes	Pad-mounted utilities
Bombs Away	Pyrethrins, PBO, Silicon Dioxide	10088-93-1553	X	X		X		
Demise Fire Ant & Insect Dehydrator	Pyrethrins, PBO, Silicon Dioxide	10088-93-68562	X	X		X		
WildFire Fire Ant and Insect Dehydrator	Pyrethrins, PBO, Silicon Dioxide	10088-93-11547	X	X		X		
Cynoff Insecticide	Zeta-Cypermethrin, PBO	279-3259		X	X	X		
Bait Active Ingredient								
Abamectin B1	Abathor Fire Ant Bait	83923-7	X	X	X		X	
Abamectin B1	Prescription Treat. Ascend Fire Ant Bait Formula 1	499-370	X	X	X		X	
Granular Active Ingredient								
Bifenthrin	Bifen L/P	53883-124	X		X			X
Bifenthrin	Hi-Yield Bug Blaster II Turf Insect Control Granules	228-498-7401	X		X			X
Bifenthrin	Howard Johnson's Bifenthrin PL Granular	53883-124-32802	X		X			X
Bifenthrin	Lesco Crosscheck EZ & PL Granular Insecticide	279-3168-10404	X		X			X
Bifenthrin	Talstar PL	279-3168	X		X			X
Bifenthrin	Wisdom EZ & Lawn Granular	5481-521	X		X			X

¹ Interior treatments should be applied as crack and crevice and only when children are not present unless the label states otherwise.

Apply to cracks and crevices where insects may enter the building such as around doors, windows, pipes, vents, weep holes, under siding and in wall voids.

Labels Available for Use in IFA Quarantine (January 2017)

Labels located online as of January 2017 – others may be available

Availability determined by manufacturer website and/or

National Pesticide Information Center-State Pesticide Regulatory Agencies website link: http://npic.orst.edu/reg/state_agencies.html and/or <http://www.cdms.net/>.

Pesticide products information not available specifically for Puerto Rico in some cases.

Chemical	Product label	Manufacturer/Distributor	Use in Quarantine	Availability in IFA states
Abamectin	Award® II Fire Ant Bait	Syngenta	field grown/IFA-free ¹	all including PR
Bifenthrin	Talstar® Nursery Granular Insecticide	FMC Corp	Containers	all, unknown PR
	Bifenthrin Nursery Granular Insecticide	Southern Agricultural Insecticides, Inc.	Containers	FL, GA, NC, TN
	Broadcide™ NG	Regal Chemical Co	Containers	GA only
	Up-Star® Nursery Granular Insecticide	United Phosphorus, Inc.	Containers	all except PR
	Wisdom™ Nursery Granular Insecticide	Amvac Chemical Corp	Containers	all, including PR
	Talstar® S Select Insecticide	FMC Corp.	Containers/B&B/sod	all, unknown PR
	OnyxPro® Insecticide	FMC Corp.	Containers/B&B/Sod	all, unknown PR
	Avalon™ Golf & Nursery Insecticide	Prokoz	Containers/B&B/Sod	all except CA and PR
	Bifen G/N 7.9 Select	Prime Source LLC	Containers	all except CA, unknown PR
	Menace™ GC 7.9% Flowable	Nufarm Americas, Inc.	Containers	all except PR
	Phoenix Firebird® Pro	United Phosphorus, Inc	Containers	all except PR
	Quali-Pro® Bifenthrin Golf & Nursery 7.9F	Quali-Pro Professional T&O Products	Containers	all, unknown PR
	Up-Star® SC Lawn & Nursery Insecticide	United Phosphorus, Inc.	Containers	all including PR
Wisdom™ Flowable	Amvac Chemical Corp	Containers	all including PR	
Chlorpyrifos ²	Chlorpyrifos AG 4E	Makhteshim Agan/Adama USA	B&B/Containers	all except PR
	Chlorpyrifos 4E-AG	Drexel Chemical Co.	B&B/Containers	all including PR
	Chlorpyrifos SPC 2	Nufarm	B&B/Containers	all except CA, unknown PR

¹ Field-grown nursery stock requires bait + contact insecticide treatment; as of 1/23/17 no labels were available for the contact insecticide portion of the treatment. Therefore the only IFA quarantine use for bait as of 1/23/17 is within the IFA-free nursery program.

² All the chlorpyrifos labels were on the companies' websites as of 1/23/17; not all may be available throughout 2017 but existing supplies of any chlorpyrifos EC label with IFA quarantine use patterns may be used up

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National Pesticide Information Center-State Pesticide Regulatory Agencies website link: http://npic.orst.edu/reg/state_agencies.html and/or <http://www.cdms.net/>.

Pesticide products information not available specifically for Puerto Rico in some cases.

Chemical	Product label	Manufacturer/Distributor	Use in Quarantine	Availability in IFA states
Chlorpyrifos²	Chlorpyrifos SPC 4	Nufarm	B&B/Containers	all except CA, unknown PR
	CPF 4E	Direct Ag Source	B&B/Containers	all except AL, OK, unknown PR
	Quali-Pro® Chlorpyrifos 4E	Quali-Pro Professional T&O Products	B&B/Containers	all, unknown PR
	Vulcan®	Makhteshim Agan/Adama	B&B/Containers	all except PR
Diazinon	Contact your local state regulatory official to determine whether your state has a FIFRA section 24(c) exemption to use this product – Diazinon AG500, Diazinon 50W.			
Fenoxycarb	Award® Fire Ant Bait	Syngenta	field grown/IFA-free ¹	discontinued
	Syngenta has discontinued Award with fenoxycarb, but existing supplies may be used			
Fipronil	Chipco® Choice™	Bayer	sod	all including PR
	TopChoice™	Bayer	sod	all including PR
	Fipronil 0.0143G Broadcast	Quali-Pro	sod	all except CA, VA, unknown PR
	Fipronil 0.1G	Quali-Pro	sod	all except CA, VA, unknown PR
	Taurus®	Control Solutions, Inc	sod	all except CA, unknown PR
Hydramethylnon	Amdro®Pro Fire Ant Bait	BASF Corp	field grown/IFA-free ¹	all including PR
Hydramethylnon plus Methoprene	Extinguish® Plus Bait	Wellmark International	field grown/IFA-free ¹	all including PR
Metaflumizone	Siesta™ Fire Ant Bait	BASF Corp	field grown/IFA-free ¹	all including PR
Methoprene	Extinguish® Fire Ant Bait	Wellmark International	field grown/IFA-free ¹	all including PR
Pyriproxyfen	Distance® Fire Ant Bait	Valent	field grown/IFA-free ¹	all including PR
Tefluthrin	no nursery labels currently available			

¹ Field-grown nursery stock requires bait + contact insecticide treatment; as of 1/23/17 no labels were available for the contact insecticide portion of the treatment. Therefore the only IFA quarantine use for bait as of 1/23/17 is within the IFA-free nursery program.

² All the chlorpyrifos labels were on the companies' websites as of 1/23/17; not all may be available throughout 2017 but existing supplies of any chlorpyrifos EC label with IFA quarantine use patterns may be used up

1. Check label for restrictions on applying the product in areas grazed by livestock or other domestic animals or on feeding treated sod clippings to them.
2. Check label to see which crops may be treated.
3. Check label for restrictions on harvesting after application to soil around non-bearing fruit and nut nursery stock
4. Check label for sites where the product may be applied.
5. May be applied to pastures and rangeland if used ONLY for COMPANION ANIMALS (horses, llamas, etc.). Companion animals grazed on treated areas cannot be used for food or feed.
6. May be applied to pastures and rangelands if used only for horses.
7. May be used on non-grazed pasture.
8. For safety reasons, only electricians or licensed pest control operators should treat electrical equipment. Specialized products and training are necessary to treat these sites safely and effectively.

***B** = Broadcast
***IMT** = Individual Mound Treatment
***P** = Perimeter
***IN** = Interior
(IGR) = Insect Growth Regulator

Most of the products listed are available to homeowners, many other products are available to pest management professionals.

If you find a fire ant product in a Tennessee store and it is not listed here, please contact kvail@utk.edu with the information.

Precautionary Statement

To protect people and the environment, pesticides should be used safely. This is everyone's responsibility, especially the user. Read and follow label directions carefully before you buy, mix, apply, store or dispose of a pesticide. According to laws regulating pesticides, they must be used only as directed by the label.

Disclaimer

This publication contains pesticide recommendations that are subject to change at any time. The recommendations in this publication are provided only as a guide. It is always the pesticide applicator's responsibility, by law, to read and follow all current label directions for the specific pesticide being used. The label always takes precedence over the recommendations found in this publication. Use of trade or brand names in this publication is for clarity and information; it does not imply approval of the product to the exclusion of others that may be of similar, suitable composition, nor does it guarantee or warrant the standard of the product. The author(s), the University of Tennessee Institute of Agriculture and University of Tennessee Extension assume no liability resulting from the use of these recommendations.

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