



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

October 14, 2021

Renee Warner
Analyst
The Scotts Company
d/b/a The Ortho Group/ORTHO ZB FAK
P.O. Box 190
Marysville, Ohio 43040

Subject: Label Amendment – Add claims and interim decision language for bifenthrin and cypermethrin
Product Name: ORTHO ZB FAK
EPA Registration Number: 239-2714
Application Dates: February 18, 2021, August 25, 2021
Decision Numbers: 575964, 570945

Dear Ms. Warner:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the Registration Review of the above referenced product in connection with the Bifenthrin and Cypermethrin Final and/or Interim Decisions, and has concluded that your submission is acceptable.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

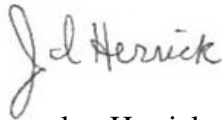
Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the

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EPA Reg. No. 239-2714
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website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Elizabeth Andrews by phone at 703-347-8770, or via email at Andrews.Elizabeth@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "J. Herrick".

Jacquelyn Herrick, Product Manager 03
Invertebrate & Vertebrate Branch 1
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

NOTE:

EPA Reg. No. 239-2714

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Highlighted text is new. Strikethrough Text is deleted

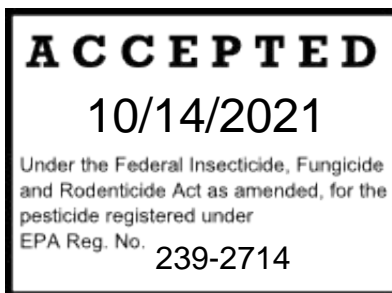
Bifenthrin & Zeta-Cypermethrin	GROUP	3A	INSECTICIDE
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Ortho ZB FAK

Alternate Brand Names:

Ortho Max Fire Ant Killer Broadcast Granules ₁

Ortho Fire Ant Killer Mound Treatment ₁



Sub-label 1 – For Professional Use

For Outdoor Use Only

[For use to control pests as listed outdoors, including areas surrounding residential, institutional, public, commercial and industrial buildings.]

[For use on lawns and landscaped areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.]

[For use to control occasional invaders such as ants (excluding carpenter and pharaoh) and other listed pests.]

[front]

[scissors/zipper]

[DO NOT CUT BELOW DOTTED LINE/CUT HERE TO OPEN]

ACTIVE INGREDIENTS:	BY WT.
Zeta-Cypermethrin*	0.05%
Bifenthrin**	0.20%
OTHER INGREDIENTS:	<u>99.75%</u>
TOTAL:	<u>100.000%</u>

* Cis/trans isomer ratio: Max 75% (±) cis and Min. 25% (±) trans

** Cis isomers 97% minimum; trans isomers 3% maximum.

U.S. Patent No. 4,238,505 & other US patents pending.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side/back [panel] [of] [bag] for additional precautionary statements [and directions for use].

Net weight statement: xxxx lbs./ xxxxx kg

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear long-sleeved shirt and long pants, socks, shoes and chemical resistant gloves made of: barrier laminate, butyl rubber (≥ 14 mils),

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nitrile rubber (≥ 14 mils), neoprene rubber (≥ 14 mils), natural rubber (≥ 14 mils), poly ethylene, polyvinyl chloride (PVC) (≥ 14 mils), or viton (≥ 14 mils). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish, aquatic invertebrates, oysters and shrimp. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems. Do not apply when weather conditions favor drift from treated areas. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas.

FIRST AID 	
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 877-465-5161 for Emergency Assistance.	
NOTE TO PHYSICIAN	
This product is a pyrethroid. If large amounts have been ingested, the stomach and intestine should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.	
For Information Regarding the Use of this Product Call 877-465-5161.	

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

- Apply this product directly to the lawn or garden area. Water treated area as directed on this label.
- For applications at rates above 0.34 lb ai/A (170 lbs product/A), users must water the treated area immediately after application.
- Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.).
- For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.
- Do not spray the product into fish pools, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- Do not allow the product to enter any drain during or after application.
- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.
- Do not apply or irrigate to the point of runoff
- Do not make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours).
- Rainfall within 24 hours after application may cause unintended runoff of pesticide application.
- Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.
- Not for use on golf courses, sod farms, nurseries, in commercial greenhouses or on grass grown for seed.

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- For use on plants intended for aesthetic purposes or climate modification and being grown in interior plantscapes, ornamental gardens or parks, or lawns or grounds.
- Also, for use as a perimeter or spot treatment to control pests outdoors, including areas surrounding residential, institutional, public, commercial and industrial buildings.
- Do not apply more than 0.25 lb. active ingredient (a.i.) per acre (2.3 lbs granules per 1000 sq. ft.) per application on residential use sites (i.e., around private homes, apartment buildings, condominiums, non-agricultural outbuildings, non-commercial greenhouses, pre-schools or day-care facilities).
- May be applied at up to 0.50 lb. a.i. per acre (4.6 lbs. granules per 1000 sq. ft.) per application on non-residential use sites (i.e., around institutional, public, commercial or industrial buildings; parks; recreational areas or athletic fields).
- Do not broadcast apply more than 0.50 lb. ai. per acre (4.6 lbs. granules per 1000 sq. ft.) per year.
- For use as barrier and spot treatment to control pests outdoors including areas surrounding residential, institutional, public, commercial and industrial buildings.
- “Do not allow to enter indoor or outdoor drains”
- “No permita la entrada a desagües internos o externos.”



Lawn Application: Broadcast with suitable application equipment to ensure uniform coverage over the treatment area. Leave a one-foot wide untreated strip of lawn next to hard surfaces (such as sidewalks and driveways) and sewer drains to prevent potential run-off into sewers and waterways. [illustration]

Perimeter Applications: Apply to ground area 5 to 10 feet wide around and adjacent to the structure.

Boundary Applications: Apply to soil areas, ornamental gardens, fencelines, planter areas, vegetation areas and mulch areas.

Appl. Rate Pounds Per Band 1,000 sq. ft. Width		Pounds of Ortho ZB FAK for Perimeter Applications Linear Distance (Feet) Around Structure							
		100	150	200	250	300	400	500	1,000
2.3	5 feet	1.3	1.9	2.5	3.0	3.6	4.8	5.9	11.7
2.3	10 feet	3.0	4.2	5.3	6.5	7.6	9.9	12.2	23.7
3.0	5 feet	1.7	2.5	3.3	3.9	4.7	6.3	7.7	15.2
3.0	10 feet	3.9	5.4	6.9	8.5	9.9	12.9	15.9	30.9
3.5	5 feet	2.0	2.9	3.8	4.5	5.4	7.2	8.9	17.5
3.5	10 feet	4.5	6.3	8.0	9.8	11.4	14.9	18.3	35.5
4.6	5 feet	2.6	3.8	5.0	6.0	7.2	9.6	11.8	23.4
4.6	10 feet	6.0	8.4	10.6	13.0	15.2	19.8	24.4	47.4

Note: The amounts of Ortho ZB FAK listed in the above table are based on the total area being treated. This area is determined by multiplying the linear distance by the band width and then adding to that value

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the area of a circle whose radius is equal to the band width (to account for the area treated at the four corners of a rectangular structure).

APPLICATION RATES

The application rates listed in the following table will provide control of the respective pests under typical conditions.

Pest	Usage per Application		
	Lb Ortho ZB FAK per 1000 ft ²	Lb Ortho ZB FAK per Acre	Lb Total Active Ingredient per Acre
Annual Bluegrass Weevil (Hyperodes) (adults) Armyworms Billbugs (adults) Black Turfgrass Ataenius (adults) Cutworms Leafhoppers Mealybugs Sod Webworms	1.15 to 2.3 Lbs/1000 sq ft	50 to 100 Lbs per acre	0.125 to 0.25 Lbs AI/Acre
Ants (excluding carpenter and pharaoh) Imported Fire Ants (adults) Centipedes Chinch Bugs Fleas (larvae and adults) Millipedes Mole Crickets (nymphs & adults) Scorpions Pillbugs Ticks	2.3 to 4.6 Lbs/1000 sq ft	100 to 200 Lbs per Acre	0.25 to 0.50 Lbs AI/Acre
European Crane flies (larvae) Pillbugs Sowbugs	4.6 Lbs/1000 sq ft	200 Lbs per Acre	0.50 Lbs AI/Acre

Resistance Management Recommendations. For resistance management, please note that Ortho ZB FAK Insecticide contains Group 3A Insecticides. Any insect population may contain individuals naturally resistant to Ortho ZB FAK Insecticide and other Group 3A insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

[To delay insecticide/acaricide resistance, take the following steps:
Rotate the use of Ortho ZB FAK or other Group 3A insecticides within a growing season, or among growing seasons, with different groups that control the same pests.

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Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):

- o Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.

- o Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.

- o When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).

- o Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.

- o The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.

Adopt an integrated pest management program for insecticide/acaricides use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.

Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.

Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.

For further information or to report suspected resistance contact Ortho at 1-800-225-2883 or at www.ortho.com.]

In New York State, this product may NOT be applied to any grass or turf area within 100 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).

In New York State, do make a single repeat application of Ortho ZB FAK if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

SPECIFIC PEST INSTRUCTIONS

For optimum control of particular pests, follow the procedures outlined below:

Armyworms, Cutworms, and Sod Webworms: To ensure optimum control, irrigate the treated area with water immediately after application to activate (release from the granule) the insecticide.

Annual Bluegrass Weevil (Hyperodes) adults: Applications should be timed to control adult weevils as they leave their overwintering sites and move into grass areas. This movement generally begins when Forsythia is in full bloom and concludes when flowering dogwood is in full bloom. Consult your State Cooperative Extension Service for more specific information regarding application timing.

Billbug adults: Applications should be made when adult billbugs are first observed during April and May. Degree day models have been developed to optimize application timing. Consult your State Cooperative Extension Service for information specific to your region. In temperate regions, spring applications targeting billbug adults will also provide control of over-wintered chinch bugs.

Black Turfgrass Ataenius adults: Applications should be made during May and July to control the first and second generation of black turfgrass Ataenius adults, respectively. The May application should be timed to coincide with the full bloom stage of Vanhoutte spiraea (*Spiraea vanhouttei*) and horse chestnut (*Aesculus hippocastanum*). The July application should be timed to coincide with the blooming of Rose of Sharon (*Hibiscus syriacus*).

Chinch Bugs: Chinch bugs infest the base of grass plants and are often found in the thatch layer. Irrigate the treated area with up to 0.25 inches of water immediately after application to activate (release from the granule) the insecticide. Chinch bugs can be one of the most difficult pests to control in grasses and the

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higher applications rates may be required to control populations that contain both nymphs and adults during the summer.

Crane Flies: Treatments should be made to control early to mid-season larvae (approximately August – February) as they feed on plant crowns. Treatments made to late-season larvae (approximately March - April) may only provide suppression. Consult your local extensions agent for specific recommendations for your area.

Fleas (adults and larvae): Control is provided for up to seven days. Flea larvae develop in the soil of shaded areas that are accessible to pets or other animals. Irrigate the treated area with up to 0.5 inches of water immediately after application to activate (release from the granule) the insecticide.

Imported Fire ants: Control will be optimized by combining broadcast applications that will control foraging workers and newly mated fly-in queens with mound treatments that will control existing colonies. If the soil is not moist, then it is important to irrigate before application. Broadcast treatments should apply no more than 0.50 lbs. a.i./A. Use one of the following methods to treat mounds:

Mound Drench Treatment: dilute 1 teaspoon of Ortho ZB FAK formulation per gallon of water and apply 1 to 2 gallons of finished spray per mound.

Spot Treatment: apply ½ cup of Ortho ZB FAK per mound and then drenching the mound with 1 to 2 gallons of water. The mounds should be treated with sufficient force to break their apex and allow the insecticide solution to flow into the ant tunnels. A six foot diameter circle around the mound should also be treated.

For best results, apply in cool weather (65 - 80° F) or in early morning or late evening hours. Either mound treatment will control the ant mound within 15 minutes and kill the queen within 24 hours of application. Note: a spray rig that is calibrated to apply 0.5 lb ai/A of Ortho ZB FAK in 2.5 gallons per 1,000 square feet contains the approximate dilution (1 teaspoon per gallon) that is required for fire ant mound drenches in the spray tank. Application of 0.5 lbs./acre of Ortho ZB FAK will provide six months residual activity for control of foraging Imported Fire Ants and newly mated Fly-In Queens.

Mole Cricket adults: Achieving acceptable control of adult mole crickets is difficult because preferred grass areas are subject to continuous invasion during the early spring by this extremely active stage. Applications should be made as late in the day as possible and should be watered in with up to 0.5 inches of water immediately after treatment. If the soil is not moist, then it is important to irrigate before application to bring the mole crickets closer to the soil surface where contact with the insecticide will be maximized. Grass areas that receive pressure from adult mole crickets should be treated at peak egg hatch to ensure optimum control of subsequent nymph populations (see below).

Mole Cricket nymphs: Grass areas that received intense adult mole cricket pressure in the spring should be treated immediately prior to peak egg hatch. Optimal control is achieved at this time because young nymphs are more susceptible to insecticides and they are located near the soil surface where the insecticide is most concentrated. Control of larger, more damaging, nymphs later in the year may require both higher application rates and more frequent applications to maintain acceptable control. Applications should be made as late in the day as possible and should be watered in with up to 0.5 inches of water immediately after treatment. If the soil is not moist, then it is important to irrigate before application to bring the mole crickets closer to the soil surface where contact with the insecticide will be maximized.

Scorpions: To ensure optimum control, treat the building perimeter at dusk to prevent outdoor scorpions from entering the building. Scorpions reside hidden in cracks and voids during the day and are active at night at temperatures above 77°F/25°C. Resting areas can be identified at night using a blacklight (UV bulb) as scorpions will fluoresce. These areas should also be treated. Prior to treatment, to increase treatment efficacy, remove trash, debris, or firewood that scorpions may use as resting sites.

Ticks (Including ticks that may transmit Lyme Disease and Rocky Mountain Spotted fever): Do not make spot applications. Treat the entire area where exposure to ticks may occur. Use higher application rates when treating areas with dense ground cover or heavy leaf litter. Ticks may be reintroduced from surrounding areas on host animals. Do not allow public use of treated areas during application.

Deer ticks (Ixodes sp.) have a complicated life cycle that ranges over a two year period and involves four life stages. Applications should be made in mid to late-spring to control larvae and nymphs that reside in the soil and leaf litter.

American dog ticks may be a considerable nuisance in suburban settings, particularly where homes are built on land that was previously field or forest. These ticks commonly congregate along paths or roadways where humans are likely to be encountered. Applications should be made as necessary from mid-spring to early fall to control American dog tick larvae, nymphs and adults.

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SPOT TREATMENT APPLICATIONS

Mound Ant Treatment, including Fire Ants (excluding carpenter and pharaoh): Apply 1/2 cup of Ortho ZB FAK per mound and then drench the mound with 1 to 2 gallons of water. The mound should be drenched with sufficient force to break its apex and allow the insecticide to flow into the ant tunnels. Treat six feet diameter out around the mound. For best results, apply in cool weather (65 to 80°F) or in early morning or late evening hours. Treat new mounds as they appear. Ortho ZB FAK will provide control of ant mounds within 15 minutes (does not apply to area-wide broadcast treatments). Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with insecticide.

INDUSTRIAL NON-AGRICULTURAL APPLICATIONS (Including Industrial Sites, Parks, Ball Fields and Cemeteries)

[Broadcast Spot Treatment: For the control of actively foraging ants (excluding carpenter and pharaoh) (including Imported Fire Ants): broadcast uniformly 2.3 lbs to 4.6 lbs Ortho ZB FAK per 1000 sq. ft.]

[Pad Mounted Electrical Sites: To reduce or prevent ant mound building activity on electrical pads, uniformly distribute 1.0 to 1.5 tablespoons of Ortho ZB FAK per 4 sq. ft. of mounting pad. Where existing transformers are completely or partially filled with soil excavated by resident ants, remove any excess fill and level the remaining soil prior to application. For best results treat in the Fall or early Spring. Food utensils such as tablespoons must not be used for food purposes after use in measuring pesticides.

Note: Electrical transformers appear to be more attractive to ants during the cooler months. For best results treat in the Fall or early Spring.]

SPREADER EQUIPMENT SETTINGS

Broadcast application should be performed with a calibrated commercial broadcast spreader to evenly distribute the granules. Approximate settings for several models are provided in the table below.

Insert spreader setting table here (optional)

STORAGE AND DISPOSAL [trash can icon]



PESTICIDE STORAGE: Store in original bag/container only. Store in a cool, dry place and avoid excess heat. Carefully open bag/container. After partial use close tightly. Do not contaminate water, food or feed by storage or disposal.

PESTICIDE AND CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container.

If empty: Place in trash or offer for recycling, if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

-----**NOTE TO PM: End of Professional Use sub-label**-----

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Sub-label 2 – Residential Lawn and Mound Treatment

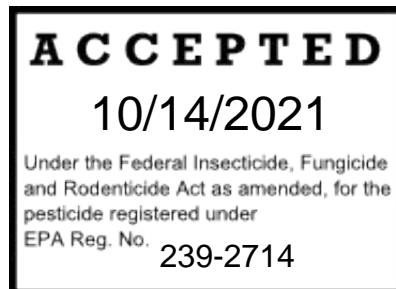
For Outdoor Use Only

[front]

[scissors/zipper]

[DO NOT CUT BELOW DOTTED LINE/CUT HERE TO OPEN]

ACTIVE INGREDIENTS:	BY WT.
Zeta-Cypermethrin*	0.05%
Bifenthrin**	0.20%
OTHER INGREDIENTS:	99.75%
TOTAL:	100.000%



* Cis/trans isomer ratio: Max 75% (±) cis and Min. 25% (±) trans

** Cis isomers 97% minimum; trans isomers 3% maximum.

U.S. Patent No. 4,238,505 & other US patents pending.

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CAUTION

See side/back [panel] [of] [bag] for additional precautionary statements [and directions for use].

Net weight statement: xxxx lbs./ xxxxx kg

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear long-sleeved shirt and long pants, socks, shoes and chemical resistant gloves made of: barrier laminate, butyl rubber (≥ 14 mils), nitrile rubber (≥ 14 mils), neoprene rubber(≥ 14 mils) , natural rubber (≥ 14 mils), poly ethylene, polyvinyl chloride (PVC) (≥ 14 mils), or viton (≥ 14 mils). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish, aquatic invertebrates, oysters and shrimp. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems. Do not apply when weather conditions favor drift from treated areas. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas.

FIRST AID 	
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes.

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	<ul style="list-style-type: none"> Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 877-465-5161 for Emergency Assistance.	
NOTE TO PHYSICIAN	
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For Information Regarding the Use of this Product Call 877-465-5161.	

DIRECTIONS FOR USE



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- For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.
- Do not apply the product into fish pools, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- Do not allow the product to enter any drain during or after application.
- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios
- Do not apply or irrigate to the point of runoff.
- Do not make applications during rain.
- Rainfall within 24 hours after application may cause unintended runoff of pesticide application.
- “Do not allow to enter indoor or outdoor drains.”
- “No permita la entrada a desagües internos o externos.”



[FIRE ANT KILLER ILLUSTRATION][
[DO NOT CUT BELOW DOTTED LINE]

PRODUCT FACTS	
Kills insects: []	Fire ants
Where to use: []	On residential lawns
Amount to Use:	Broadcast Treatment Apply uniformly over your lawn using the suggested spreader settings. Water lawn after application to wash granules from the lawn foliage. If the soil is not moist then it is important to irrigate before application.



NOTE:

EPA Reg. No. 239-2714

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[Bracketed information is optional text]. Text separated by / denotes and/or options.

Highlighted text is new. Strikethrough Text is deleted

	<p>Leave a one-foot wide untreated strip of lawn next to hard surfaces (such as sidewalks and driveways) and sewer drains to prevent potential runoff into sewers and waterways.</p> <p>Mound Treatment Apply ½ cup of Ortho ZB FAK Insecticide to each mound and surrounding 6 ft diameter. After applying product, drench the mound with 1 to 2 gallons of water. Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with insecticide.</p>
<p>Coverage: []</p>	<p>Treats up to 5,000 square feet.</p>
<p>People and Pets [Re-  entry icon]</p>	<p>People and pets may enter treated area after granules have been watered in and treated area has dried.</p>
<p>FOR BEST RESULTS</p>	
<p>Broadcast Treatment</p>	<p>Apply uniformly over your lawn using the suggested spreader settings. Water lawn after application to wash granules from the lawn foliage. If the soil is not moist, then it is important to irrigate before application.</p>
<p>Mound Treatment</p>	<p>Apply ½ cup of Ortho ZB FAK over each fire ant mound. A 6-foot diameter circle around the mound should also be treated. If the soil is not moist, then it is important to irrigate before application. After applying this product, drench the mounds with 1 to 2 gallons of water.</p>
<p>HELPFUL HINTS</p>	<ul style="list-style-type: none"> • [For best results] Apply during the morning or late evening when it is cool and the ants are most active. • Don't treat just the infested areas of the lawn where mounds are visible. Treat the entire lawn to prevent reinfestation of fire ants from neighboring areas. • Control will be optimized by combining broadcast application that will control foraging workers and newly-mated fly-in-queens with mound treatments that will kill existing colonies. • [For best results] Apply in cool weather (65 – 80 degrees F) or in early morning or late evening hours when ants are most active. • [Optional] For extended fire ant control, apply Ortho ZB FAK in spring and late summer.
<p>IMPORTANT</p>	<ul style="list-style-type: none"> • Food utensils, such as teaspoons and measuring cups, must not be used for food purposes after use with pesticides.

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Note to PM: The following are optional formats to present spreader setting information. Appropriate spreader settings, spreader brand names, and coverage will be inserted on Final Printed Label

Note to PM- Spreader settings are optional for products packaged in 5 lbs or less.

[Spreader/Spreading (Application) Tips]

[For Best Results]

SPREADER	SPREADER SETTINGS [5.75/11.5/23lbs][Covers 5,000 sq. ft.] 4.6lbs per 1,000 sq. ft.	DIRECTIONS
Drop Spreaders Scotts AccuGreen [insert name of spreader]	XXX	Mow lawn first if grass is tall enough to touch the bottom of the spreader. First apply two header strips. Operate spreader the longest way of the lawn. Overlap wheel marks to ensure uniform coverage. Shut off spreader when you have reached the header strips or stopped.
Broadcast/Rotary Spreaders Scotts Basic™, Standard™ , Deluxe™ EdgeGuard®, LawnPro®, or SpeedyGreen® [insert name of spreader]	XXX	Shut off spreader anytime you stop. For complete coverage make each pass about five feet from the previous one so some overlapping occurs. Do not apply this product on vegetables.

Spreader settings are approximate. You may need to adjust for proper coverage. Apply header strips. Then apply product in the longest direction of lawn. For best results, use a Scotts® spreader.

Note to PM: Models and Application Rate may be changed to reflect Current Product Offerings

When using other spreaders, calibrate the spreader settings based on the manufacturer's recommendations.

†**The Ortho Guarantee:** If for any reason you, the consumer, are not satisfied with this product, mail us your original proof of purchase to obtain a full refund of your purchase price.

Notice: To the extent consistent with applicable law, buyer assumes all risk of use, storage or handling of this product not in accordance with directions.

STORAGE AND DISPOSAL [trash can icon][

PESTICIDE STORAGE: Store in original bag/container only. Store in a cool, dry place and avoid excess heat. Carefully open bag/container. After partial use close tightly. Do not contaminate water, food or feed by storage or disposal.

NOTE:

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PESTICIDE AND CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling, if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

----- NOTE TO PM: END OF Residential Lawn and Mound Treatment Sub-label-----

Sub-label 3 – Residential Mound Treatment Only

For Outdoor Use Only

[front]

[scissors/zipper]

[DO NOT CUT BELOW DOTTED LINE/CUT HERE TO OPEN]

ACTIVE INGREDIENTS:

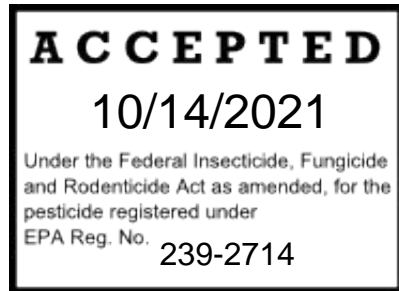
Zeta-Cypermethrin* 0.05%

Bifenthrin** 0.20%

OTHER INGREDIENTS:..... 99.75%

TOTAL:..... 100.000%

BY WT.



* Cis/trans isomer ratio: Max 75% (±) cis and Min. 25% (±) trans

** Cis isomers 97% minimum; trans isomers 3% maximum.

U.S. Patent No. 4,238,505 & other US patents pending.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side/back [panel] [of] [bag] for additional precautionary statements [and directions for use].

Net weight statement: xxxx lbs./ xxxxx kg

PRECAUTIONARY STATEMENTS []

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear long-sleeved shirt and long pants, socks, shoes and chemical resistant gloves made of: barrier laminate, butyl rubber (≥ 14 mils), nitrile rubber (≥ 14 mils), neoprene rubber(≥ 14 mils) , natural rubber (≥ 14 mils), poly ethylene, polyvinyl chloride (PVC) (≥ 14 mils), or viton (≥ 14 mils). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish, aquatic invertebrates, oysters and shrimp. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems. Do not apply when weather conditions favor drift from treated areas. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas.

FIRST AID []

NOTE:

EPA Reg. No. 239-2714

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If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 877-465-5161 for Emergency Assistance.	
NOTE TO PHYSICIAN	
This product is a pyrethroid. If large amounts have been ingested, the stomach and intestine should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.	
For Information Regarding the Use of this Product Call 877-465-5161.	

DIRECTIONS FOR USE




It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Apply this product directly to the lawn or garden area. Water treated area as directed on this label.

- Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.).
- For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.
- Do not apply the product into fish pools, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- Do not allow the product to enter any drain during or after application.
- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.
- Do not apply or irrigate to the point of runoff
- Do not make applications during rain.
- Rainfall within 24 hours after application may cause unintended runoff of pesticide application.
- “Do not allow to enter indoor or outdoor drains”
- “No permita la entrada a desagües internos o externos.”



[Mound Treatment]

FOR BEST RESULTS	
APPLY PRODUCT  [optional illustration] []	Apply ½ cup of Ortho ZB FAK over each fire ant mound. Also treat a 6 ft. diameter circle around the mound.
Water  [optional illustration/watering can] []	If the soil is not moist, then it is important to irrigate before application. After applying the product, drench the mounds with 1 to 2 gallons of water.
WHEN TO APPLY  [optional illustration] []	<ul style="list-style-type: none"> • Apply when temperatures are between 65° and 80°F. • For best results, apply during morning or late evening when it is cool and the ants (excluding carpenter and pharaoh) are most active. • For extended fire ant control, apply Ortho ZB FAK in spring and late summer.

NOTE:

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IMPORTANT

Food utensils, such as teaspoons and measuring cups, must not be used for food purposes after use with pesticides.

[Broadcast Treatment]

Apply uniformly over your lawn using the suggested spreader settings. Leave a one-foot wide untreated strip of lawn next to hard surfaces (such as sidewalks and driveways) and sewer drains to prevent

potential runoff into sewers and waterways. ] Water lawn after application to wash granules from the lawn foliage. For best results, apply during the morning or late evening when it is cool and the ants are most active. Don't treat just the infested areas of the lawn where mounds are visible. Treat the entire lawn area to prevent reinfestation of fire ants from neighboring areas. Control will be optimized by combining broadcast applications that will control foraging workers and newly mated fly-in queens with mound treatments that will kill existing colonies. If the soil is not moist, then it is important to irrigate before application.

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Notice: To the extent consistent with applicable law, buyer assumes all risk of use, storage or handling of this product not in accordance with directions.

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Store in original bag/container only. Store in a cool, dry place and avoid excess heat. Carefully open bag/container. After partial use close tightly. Do not contaminate water, food or feed by storage or disposal.

PESTICIDE AND CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container.

If empty: Place in trash or offer for recycling, if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

----NOTE TO PM- END OF Residential Mound Treatment Only Sub-label -----

MARKETING CLAIMS

Note to label reviewer: Optional images may be included on Final Printed Labeling




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Note to pm: Optional Marketing Claims: claims may appear on any or all label panels:

EFFICACY/RESIDUAL

1. Kills fire ants
2. Kills [listed insects]
3. Kills fire ants and other listed insects
4. Kills queen & mound/colony
5. Kills fly-in queens
6. Keeps new mounds from forming
7. Apply in spring and fall for year round/long control [protection]
8. Apply in spring and fall for full year control [protection]
9. Controls new fire ant mounds from forming [for up to 6 months]
10. Controls fire ants for [1,2,3,4, 5], 6 months
11. Protects the entire lawn from fire ants [for up to 6 months]
12. One application provides [1,2,3,4, 5], 6 month control
13. One application provides 4 month control
14. [1,2,3,4, 5], 6 Month [Fire Ant] Control [protection]
15. [calendar image may go with these claims] 

SPEED

1. Begins killing/controlling fire ants in minutes
2. Starts to work/kill/killing immediately/in minutes
3. Kills Fire Ants Fast**
4. Kills Fire Ants in [15] minutes*
5. Kills the Colony/Mound [Fast] [in 15 minutes] [in minutes]*
6. [No waiting.] Kills Fire Ants in [15] minutes] [vs. days/weeks]*
7. Destroys/Kills Fire Ant Colonies in [15] minutes*
8. [clock image may go with these claims] 

*Applies to direct treatment of mounds with ½ cup [product name].

**in 15 minutes

9. Rapid Release™ granule technology
10. [Specially] designed to [dissolve/break apart] and absorb into the soil quickly
11. Patented technology
12. Quick-Dissolve [granules]
13. Dissolvable granules
14. Rapid/Quick/Fast dissolve granules breaks up fast
15. Fast Dissolving [granule]
16. Fast-Dissolve granule

COMBO

1. [Dual Action:] Kills Fire Ants [Fast] [in 15 minutes] [in minutes] + Controls New Mounds [from forming] [for 6 months]**
2. Quickly dissolves into soil + Kills Fire Ants [Fast][in 15 minutes] [in minutes]**
3. Kills Fire Ants [Fast][in 15 minutes] [in minutes] + Quickly dissolves into soil + Controls New Mounds [from forming][for 6 months]**

** Applies to direct treatment of mounds with ½ cup [product name]. Does not apply to area-wide broadcast treatments.

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OTHER

1. Treats up to 5,000 sq ft (xx lb size)[]
2. Ideal for broadcast use/treating large areas
3. Can also be used as individual/fire ant mound treatment/killer
4. Control will be optimized by combining broadcast applications [that will control foraging workers and newly mated fly-in queens] with mound treatments [that will kill existing colonies].
5. Guaranteed Results† [or your money back]
6. Combines speed and/&/+/with long-lasting residual/control**
7. Quick/fast acting and/&/+/with long-lasting residual/control**
8. [Combines proven ABN Name] with fast-acting zeta cypermethrin

**controls in as little as 15 minutes for up to 4 months

-----**OPTION I. The ORTHO Group**-----

NOTICE: To the extent consistent with applicable law, buyer assumes all responsibility of risks of use, storage or handling of this product not used in accordance with directions

[†THE ORTHO GUARANTEE

If for any reason you, the consumer, are not satisfied with this product, mail us your original proof of purchase to obtain a full refund of your purchase price.]

[ORTHO AND/ YOUR ENVIRONMENT

Your home and yard are places for family and pets to enjoy. That's why Ortho products are designed with care to provide effective solutions to insect problems [inside] and [outside] your home. Please follow instructions for appropriate usage, storage and disposal.]

[phone icon] [] [] Questions, Comments

call 1-800-225-2883 www.ortho.com [icon][computer icon] [] [Visit our website]

Manufactured for/Sold by:
The Ortho Group
P.O. Box 190
Marysville, Oh 43040

[Product of –and/or- Made in U.S.A.]

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[BACK]

[Treats XXXXX Square Feet]
[copy will be inverted]

-----**END OF OPTION I**-----

-----**OPTION II The Consumer Lawns Group**-----

Questions/Information



NOTE:


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[][] Phone toll-free-or-Consumer Helpline-or-[toll-free] consumer hotline
Insert company phone number

[] ***Insert company name and address***

Questions? Call ***insert company phone number***

[OPTIONAL STATEMENTS]

[Insert company name][No-Quibble] Guarantee®:

If for any reason you, the [consumer or customer], are not satisfied [with the results] after using this product, you are entitled to get your money back. Simply send us evidence of purchase and we will mail you a refund check promptly.

Get expert advice for your lawn. [NOW]

Want information on what to use and when?

Sign up today to get free expert advice specifically for your lawn.

Consumer Helpline/Call [now] ***insert company phone number***

Contact the Experts/Learn more at ***insert company phone number***

Insert company name...the lawn people Marysville, Ohio 43041

"Lawn success made easy" Call ***insert company phone number***

Notice: To the extent consistent with applicable law, buyer assumes all risks of use, storage, or handling of this product not in accordance with directions.

[icon] Distributed/Manufactured/Sold [and Guaranteed] by/for:

The Scotts Company
14111 Scottslawn Drive
Marysville, Ohio 43041

Visit our website:

www.scottslawn.com

www.ortho.com



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[BACK]

Treats XXXXX Square Feet

[copy will be inverted]

-----**END OF OPTION II**-----

EPA Reg. No. 239-2714

EPA Est. No. 9198-OH-1^M, 9198-OH-2^O, 9198-AL-001^L, 44616-GA-1^D

[Superscript is first letter of lot number.]