

239-2715

10/6/2011

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Number: 239-2715
Date of Issuance: OCT 6 2011

Term of Issuance:
Unconditional

Name of Pesticide Product:
Ortho ZB Granules

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(Under FIFRA as amended)

Name and Address of Registrant (include ZIP Code):
The Scotts Company LLC
P.O. Box 190
Marysville, OH 43040

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is **unconditionally** registered in accordance with FIFRA sec. 3(c)(5). Once a pesticide is registered, however, it is not regarded as permanently acceptable. Registration does not eliminate the need for continual reassessment of pesticides. If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under FIFRA section (3).

1. You will make the following label changes before you release the product for shipment:
 - a) Revise the EPA Registration Number to read "EPA Reg. No. 239-2715."
 - b) Replace the claim "Three (3) month control* on/for [a wide variety of insects/many types of insects] [listed insects]" with "Three (3) month control* on/for listed insects".
 - c) Replace the claim "Keeps bugs out for up to 3 months" with "Keeps listed bugs out for up to 3 months". Also delete the claim "Lawn Insect Protection", the claim is overly broad and imply a greater range of effectiveness than labeled.
 - d) The claim "new" can only be used on labeling for a period of 6 months following approval of a new registration. See 40 CFR 156.10(a)(5)(i) or Label Review Manual, chapter 12, section VII for additional information.

Signature of Approving Official:
Richard Gebken
Richard Gebken Product Manager
Insecticide Branch/Registration Division (7505P)

Date:
October 6, 2011

Enclosure

2. Submit the results, one year after the date of this notice, of studies for the guidelines 830.6317 (one year storage stability) and 830.6320 (corrosion characteristics) that observations are made at 0, 3, 6, 9, and 12 months intervals.
3. Please submit three (3) copies of your final printed labeling before releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact BeWanda Alexander at www.alexander.bewanda@epa.gov or (703) 305-7460.

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NOTE:

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

EPA Reg. No. 239-NEW 2715

ORTHO ZB GRANULES

Note to PM: Alternate Brand Names

- Ortho Bug B Gon Max Insect Killer Granules for Lawns (1)
- Ortho Max Insect Killer Granules For Lawns (1)
- Ortho Bug B Gon Max Insect Killer for Lawns (1)
- Ortho Max Insect Killer for Lawns (1)
- Ortho Home Defense Max Insect Killer (1)
- Ortho Home Defense Max Insect Killer Granules(1)
- Ortho Bug B Gon Insect Killer for lawns
- Ortho Home Defense Insect Killer Granules
- Ortho Home Defense Max Insect Killer for Outdoor Perimeter
- Ortho Home Defense Insect Killer for Outdoor Perimeter
- Ortho Home Defense Max Insect Killer for Home Perimeter
- Ortho Home Defense Insect Killer for Home Perimeter
- Ortho Home Defense Max Perimeter Insect Killer
- Ortho Home Defense Perimeter Insect Killer
- Ortho Home Defense Max Home Perimeter Insect Killer
- Ortho Home Defense Home Perimeter Insect Killer
- Ortho Home Defense Max Bug Barrier Insect Killer Granules
- Ortho Home Defense Bug Barrier Insect Killer Granules
- Ortho Home Insect Killer Granules
- Ortho Home Invading Insect Killer Granules
- Ortho Perimeter Insect Killer Granules
- Ortho Home and Perimeter Insect Killer Granules

**ACCEPTED
with COMMENTS
In EPA Letter Dated
OCT 6 2011**
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
239-2715

ACTIVE INGREDIENTS:	% BY WT.
Zeta-Cypermethrin ¹	0.029%
Bifenthrin ²	0.115%
OTHER INGREDIENTS:	99.856%
TOTAL:	100.000%

¹ *Cis/trans* isomer ratio: Max 75% (±) *cis* and Min. 25% (±) *trans*

² *Cis* isomers 97% minimum; *trans* isomers 3% maximum.

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

Net weight statement: xxxx lbs. xxxxx kg

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

Note to PM: Any or all listed bugs may be represented graphically on Final Printed

Labeling [bug icon] [insect must be listed on fp]



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PRECAUTIONARY STATEMENTS [icon][exclamation point] 

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. 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 gloves. 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.

FIRST AID

If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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 1-(800)-225-2883 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 1-(800)-225-2883.

STORAGE AND DISPOSAL [icon][trash can] 

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry area. Always store pesticides in the original container. Store away from food and pet food.

Pesticide Disposal and Container Handling: 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.

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NOTE TO PM: OPTION A. DIRECTIONS FOR USE FOR (LAWN USE ONLY)

For Residential [Lawn] Use Only

[Optional text]

[Ortho ZB Granules is a product and is:]

- [Virtually Odor-free]
- [Fast Acting]
- [Easy-to-Use]
- [Not harmful to grasses]

[Optional Marketing Text]

Ortho ZB Granules:

- Starts killing immediately after watering or irrigating!
- One application keeps killing listed lawn bugs for 3 months!
- Kills 100+ insects, as listed!

Ortho ZB Granules works two (2) ways:

Kills-Starts working immediately after watering or irrigating

(One application) provides 3 month long control [illustration]

WHERE TO USE

Use Ortho ZB Granules on the following areas:

- On Lawns
- On Ornamentals and Flowers
- Vegetable Gardens
- Home Foundations (Perimeter Treatment)

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. Do not water to the point of run-off.

Do not make applications during rain.

Do not apply to hard surfaces such as sidewalks, driveways and streets where the product is likely to wash off into sewers and waterways.

Apply when insect activity or damage is first observed in the lawn (lawn thins and turns brown or moths fly from the grass when you mow)

Do not treat just the browned area of lawn. To prevent further damage, treat entire lawn.

Repeat application is necessary only if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

In New York this product may not be applied to any grass or turf area (lawns 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 this product if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

Optional Placement of Re-entry statement

PRODUCT FACTS	
SURFACE FEEDING LAWN	Use Ortho ZB Granules for the control of: Ants: (except pharaoh and carpenter): (including Red Imported Fire ant, Pavement, Odorous, Pyramid, Argentine, Fire Ants, and Foraging Fire Ants) Armyworms, Billbugs, Chinch

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INSECTS	Bugs, Crickets, Cutworms, Earwigs, European Crane Fly Larvae, Fleas, Grasshoppers, Leaf Hoppers, Mealybugs, Millipedes, Mole Crickets, Sod Webworms (Lawn Moth) Spiders, Ticks (including ticks that may transmit Lyme Disease), and Weevils (including Hyperodes)
HOW TO USE	<p>For: Ants: (except pharaoh and carpenter): (including Red Imported Fire ant, Odorous, Pyramid, Argentine, Fire Ants, and Foraging Fire Ants), Armyworms, Billbugs, Chinch Bugs, Crickets, Cutworms, Earwigs, European Crane Fly Larvae, Fleas, Grasshoppers, Leaf Hoppers, Mealybugs, Sod Webworms (Lawn Moth) Spiders, Ticks (including ticks that may transmit Lyme Disease), and Weevils (including Hyperodes):</p> <p>Uniformly apply 1 to 2 pounds over a 1,000 sq. ft. area of lawn using a spreader designed for the application of granular materials. A 10 pound bag will treat [a 5,000 sq. ft. to] [up to a] 10,000 sq. ft. area of lawn. [A 20 pound bag will treat [a 10,000 sq. ft. to] [up to a] 20,000 sq. ft. area of lawn.]</p> <p>Best results are obtained if the treated area is thoroughly watered immediately after application.</p> <p>For Millipedes, Pavement ants, Centipedes: Uniformly apply 4 pounds over a 1,000 sq. ft. area of lawn. Best results are obtained if the treated area is thoroughly watered immediately after application.</p> <p>For Mole Crickets: Uniformly apply 2 to 4 pounds over a 1,000 sq. ft. area of lawn. For best results, treat in late spring and water thoroughly immediately after application.</p>

Note: Food utensils such as tablespoons/teaspoons must not be used for food purposes after use in measuring pesticides.

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

SPREADER TIPS				
For best results, Use a Scotts Spreader				
Spreader	Spreader Settings [Covers 5,000 sq. ft.]			Directions
	Pounds of product per 1,000 sq. ft.			
	1lb	2lb	4lb	
Scotts Drop Spreader	XX	XX	XX	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 feeding. Shut off spreader when you have reached the header strips or stopped
Scotts EasyGreen® Rotary	XX	XX	XX	Slide shut-off lever to the right; application automatically starts and stops when you do, For complete coverage make each pass about 30 inches from the previous one, so some overlapping occurs.
Scotts SpeedyGreen® Or EdgeGuard® Rotary	XX	XX	XX	Shut off spreader anytime you stop. For complete coverage make each pass about five feet from the previous one so that some overlapping occurs. Avoid applying this product on flower, vegetables, shrub

NOTE:

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

[Spreader (Application) Tips

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

(Illustrations to correspond with application tips)

Spreader	Spreader Settings [Covers 5,000 sq. ft.]			Directions
	Pounds of product per 1,000 sq. ft.			
	1lb	2lb	4lb	
Drop Spreader				Overlap wheel marks to ensure uniform coverage.
Scotts® AccuGreen®	XX	XX	XX	
Scotts EasyGreen® Rotary Spreader	XX	XX	XX	Make each pass about 30 inches from the previous one.
Broadcast/Rotary Spreaders				Make each pass about five feet from the previous one.
Scotts® Basic™, Standard™, Deluxe™, EdgeGuard®, Lawn Pro™, or SpeedyGreen®	XX	XX	XX	

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

NOTE TO PM: END OF OPTION A

NOTE TO PM: DIRECTIONS FOR USE OPTION B (USE ON LAWNS, HOME FOUNDATIONS/PERIMETER TREATMENT, ORNAMENTAL AND FLOWER GARDENS, VEGETABLE GARDENS)

RESIDENTIAL LAWNS ORNAMENTAL AND FLOWER GARDENS, VEGETABLE GARDENS ,
LANDSCAPED AREA [FOR][HOME FOUNDATIONS/PERIMETER TREATMENT]

For Residential Lawn, Home Perimeter, Ornamental & Flower Garden, and Home Garden Use Only

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, garden area or non-hard surfaces around the perimeter of your home. Water treated area as directed on this label. Do not water to the point of run-off. Do not make applications during rain.

Do not apply to hard surfaces such as sidewalks, driveways and streets where the product is likely to wash off into sewers and waterways.

NOTE:

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In New York State, this product may NOT be applied to any grass or turf area (lawns) within 100 feet of a water body (lake, pond, river, stream wetland, drainage ditch). In New York State, do make a single repeat application of this product if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

*Note to PM: The List beginning "Use Ortho ZB Granules to Kill and provide 3 month residual control of" will be referred to as **Table 1** in the Claims Section. The List beginning "Ortho ZB Granules Also Kills" will be referred to as **Table 2** in Claims section. When Expanded Kills claims are used the claims section provides instruction on when the "Also Kills" list will appear on the FPL.*

PRODUCT FACTS: INSECTS CONTROLLED

Use Ortho ZB Granules to kill and control: Fleas

[Table1]

Use Ortho ZB Granules to Kill and provide 3 month residual control of:

Annual Bluegrass Weevil (adult), Ants: (except pharaoh and carpenter): (including: Acrobat, Allegheny Mound, Argentine, Big Headed, Black Turf, Citronella, Cornfield, Crazy, Ghost, Imported Fire, Lawn, Little Black, Odorous, Pavement, Pyramid, Red Harvester, Small Honey, Sugar, Thief, White Footed), Armyworms (including Fall, Lawn), Beetles (including Black Turfgrass Ataenius Adults, Dichondra Flea, Ground), Billbugs (including Bluegrass, Hunting), Bristletail, Chiggers, Chinch Bugs, Crickets (including Arizona, Common Short Tailed, Eastern Striped, Fall Field, House, Indies Short Tailed, Northern Wood, Sand Field, Southeastern Field, Southern Wood, Spring Field, Texas Field, Tropical, Variable Field, Vocal Field, Western Striped), Cutworms (including Black, Bronzed, Granulate, Variegated), Earwigs, European Crane Fly larvae, Fiery Skipper, Fire Ants, Fire Brat, Frit Fly, Grasshoppers, Greenbug, Ground Pearl, Ladybeetles (including Asian, Convergent, Seven-Spotted, Thirteen-Spotted, Twice-Stubbed), Leaf Hoppers, Lucerne Moths, Mealybugs, Millipedes, Mole Crickets (including Adult, Southern, Tawny), Pillbugs, Scorpions (including Arizona Stripetail, California Common, Eastern Sand, Lesser Stripetail, Northern, Southern Unstriped, Yellow Ground), Seed Maggots, Sowbugs, Spiders (including Brown Recluse, Burrowing Wolf, Longbodied Cellar, Marbled Cellar, Pirate Wolf, Shortbodied Cellar, Thinlegged Wolf), Striped Grassworm, Ticks (including those that may transmit Disease, American Dog, Brown Dog), Two Lined Spittle Bugs, Webworms (including Sod, Tropical Sod), Wireworms

+ **[Note to PM: When products is labeled for mound treatments label must state the following: (excluding mound treatments).]**

[Table 2]

PRODUCT FACTS:

[Ortho ZB Granules Also Kills:

Aphids, Bagworms, Beetles (including Asiatic Garden, European Chafers, Green June, Masked Chafers, May/June, Oriental, Sugarcane), Caterpillars, Centipedes, European Crane Fly adults, Fleas, Fruit Fly, Fungus Gnat Larvae, Lawn Moths, Mites, Mole Cricket nymphs, Omnivorous Leafrollers, Plant Bugs, Scale, Short Winged Crickets, Springtails, Thrips, Weevils (including Annual Bluegrass Larvae, Black Vine Larvae, Root weevil Larvae), Whiteflies]

For grub control, apply "Scotts GrubEx_[1] Season-long Grub Control" [anytime] from early April to August [spring to (late) summer].

WHERE TO APPLY

Lawns/ Around Home Foundations [Perimeter Treatment] [Outdoor perimeter]/ Ornamental [and] Flower Gardens/ Vegetable Gardens

WHEN TO APPLY

Apply early/proactively [in the Spring/Summer/Fall] to control infestation. Otherwise, apply at the first sign of insect activity or damage.

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HOW TO APPLY

For best results, treated area should be thoroughly watered immediately after application.

On Lawns • Using a spreader designed for application of granular materials, uniformly apply 1 to 2 lbs over 1000 sq. ft.

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*]

- For mole cricket control, apply 2 to 4 lbs over 1000 sq. ft. area.
- For 3 month control, apply 4 lbs of product for every 1000 sq. ft.
- [A 10 (20) pound bag will treat up to 10,000 (20,000) sq. ft. of lawn]

On Ornamentals & Flowers

- Apply 0.5 to 1 lb. evenly over each 500 sq. ft. area. Repeat if there are signs of renewed insect activity.
- Product can be applied just before planting or after plants emerge.

Vegetable Gardens A single application may be applied just prior to planting or after plants emerge and worked into the top 4 to 6 inches of soil. Use 1.0 lb of product for a 500 sq ft area.

Home Foundation/Barrier Treatment

- Evenly apply a 2 foot wide band next to the house/home foundation.
- Use 0.5 to 1.0 lb for each 500 sq. ft. (2 ft. x 250 ft.).
- For 3 month control, apply 2 lbs of product for every 500 sq. ft. Re-apply after 3 months if necessary.

Food utensils such as tablespoons/teaspoons must not be used for food purposes after use in measuring pesticide.

[Ortho ZB Granules can be applied to the vegetables listed below:] [optional table]

CROP	DAYS TO WAIT TO HARVEST
Tomatoes	1
Sweet Corn	3
Green peas, sugar snap peas, snow peas, green beans (wax beans, snap beans), dry beans (black-eyed peas, cow pea), cucumber, gourds, muskmelon, pumpkin, squash, and watermelon	3
Broccoli, Chinese broccoli, cabbage, cauliflower, kohlrabi, mustard greens, eggplant, head lettuce, peppers (bell and non-bell)	7

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

SPREADER TIPS				
For best results, Use a Scotts Spreader				
Spreader	Spreader Settings [Covers 5,000 sq. ft].			Directions
	Pounds of product per 1,000 sq. ft.			
	1lb	2lb	4lb	
Scotts Drop Spreader	X	X	X	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 feeding. Shut off spreader when you have reached the header strips or stopped
Scotts EasyGreen® Rotary	X	X	X	Slide shut-off lever to the right; application automatically starts and stops when you do, For

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		complete coverage make each pass about 30 inches from the previous one, so some overlapping occurs.
Scotts SpeedyGreen® Or EdgeGuard® Rotary	X X X	Shut off spreader anytime you stop. For complete coverage make each pass about five feet from the previous one so that some overlapping occurs.

* 1 lb/1000 sq ft is equivalent to 0.5 lb/500 sq ft

NOTE TO PM: END OF OPTION B

NOTE TO PM: DIRECTION FOR USE OPTION C. (Directions for Use for the Consumer Lawns Business Group with broadcast treatment only)

[BOTTOM FRONT]

Treats XXXXX Square Feet

[Above will be inverted on back of bag]

{Ortho ZB Granules (XXXX — stock number)

[LEFT GUSSET]

[UPC Code] Treats ORTHO ZB GRANULES [XXXX — stock number]
XX,XXX Square Feet

[LEFT GUSSET]

[UPC Code] Treats ORTHO ZB GRANULES [XXXX — stock number]
XX,XXX Square Feet

[BACK PANEL]

[DIAGONAL LINE - SCISSORS ART]
CUT HERE TO OPEN

[Optional Back Panel Claims]

For grub control, apply "Scotts GrubEx_[1] Season-long Grub Control" [anytime] from early April to August [spring to (late) summer].

OR

Insect Control — controls chinch bugs, sod webworms (lawn moths) and other listed lawn insects. For grub control, apply "Scotts GrubEx_[1] Season-long Grub Control" [anytime] from early April to August [spring to (late) summer].

OR

Ortho ZB Granules is:

- Virtually Odor-free
- Fast Acting
- Easy-in-Use
- Effective in killing Listed Insects, Spiders, Fleas, and Ticks

What to Expect

Ortho ZB Granules kills these lawn pests:

Ants: (except pharaoh and carpenter): including: (Red Harvester, Pavement, Odorous, Pyramid, Argentine) Armyworms Foraging Fire Ants

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- Centipedes
- Sod Webworms (lawn moth)
- Chinch Bugs Spiders
- Crickets
- Ticks (including Ticks that may transmit Lyme Disease)
- Cutworms Weevils including Hyperodes
- Earwigs Billbugs
- Fleas Crane Fly Larvae
- Grasshoppers Leaf Hoppers
- Millipedes Mealybugs
- Mole Crickets
- Fire Ants

KEY PRODUCT FACTS

How and When to Apply

DIRECTIONS FOR USE

It is a violation of Federal law to use the 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. Do not water to the point of run-off. Do not make applications during rain.

Do not apply to hard surfaces such as sidewalks, driveways and streets where the product is likely to wash off into sewers and waterways.

- Apply product to the entire lawn when insect activity or damage is first observed.
- Spread uniformly over your lawn using the suggested spreader settings. For best results, use a Scotts spreader.
- Water-in product after application.
- Do not use any other weed, disease, or insect control products for a least one week after application.
- For grub control, apply "Scotts GrubEx_[1] Season-long Grub Control" [anytime] from early April to August [spring to (late) summer].
- In New York State, this product may NOT be applied to any grass or turf area (lawns) 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 this product if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

Spreading tips

Apply header strips. Then apply product in 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

Spreader	Spreader Settings	Directions
Scotts Drop	X	Apply 2 header strips apply longest direction of lawn, overlapping wheel marks.
Scotts EasyGreen® Rotary	X	Make each pass about 30 inches from previous to overlap spread width.
Scotts SpeedyGreen® Rotary	X	Make each pass about 5 feet from previous to overlap spread width.

Additional Spreader Settings

- EZ Drop, Republic (#530) XX
- EZ Broadcast: Republic (#540) XX

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(Non— Scotts spreader settings are approximate. You may need to adjust for proper coverage.)

[Illus. spreading patterns]

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

NOTE TO PM: END OF OPTION C

Note to PM: Use Directions OPTION D

DIRECTIONS FOR USE

It is a violation of Federal law to use the 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. Do not water to the point of run-off. Do not make applications during rain.

Do not apply to hard surfaces such as sidewalks, driveways and streets where the product is likely to wash off into sewers and waterways.

Ortho ZB Granules is designed for use as a ready-to-use granular insecticide to control various adult and immature insects above the surface of lawns, ornamental & flower gardens. Read the following "Directions for Use" carefully and fully before applying this product.

The active ingredients in Ortho ZB Granules have sufficient knockdown and residual activity to provide curative and residual control of surface feeding pests. Applications for control of surface feeding pests can be made when infestations are anticipated based on historical monitoring of the site, previous records or experience, current season adult trapping or presence of insects at economic thresholds as determined by scouting and/or recommendations of local State extension personnel or other qualified specialists.

LAWN AND GARDEN APPLICATIONS

Broadcast Ortho ZB Granules to provide uniform coverage over the treatment area. Locate the pest to be controlled in the following table and follow the application rate to provide excellent control under typical conditions. When treating for multiple pests, apply the higher of the rates. Retreatment may be necessary to achieve and/or maintain control during periods of high pest pressure. Repeat application is necessary only if there are signs of renewed insect activity. Repeat application should be limited to no more than once per 7 days. Usage rates greater than listed or multiple applications may be made at the applicators discretion, not to exceed 4 lb per 1000 sq ft per application on residential lawns.

Pest	Lb product per 1000 sq ft	Lb total a.i. per Acre
Armyworms Cutworms Sod Webworms	2	0.125
Annual Bluegrass Weevil (Hyperodes) Billbugs Black Turfgrass Ataenius (Adult) Leafhoppers Mealybugs	2 to 4	0.125 – 0.25

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Ants (except pharaoh and carpenter)	4	0.25
Chinch Bugs		
Fleas (larvae & adults)		
Imported Fire Ants (adults)		
Millipedes		
Mole Crickets (nymphs, & adults)		
Scorpions		
Ticks*		
Pillbugs		
Sowbugs		

In New York State, this product may NOT be applied to any grass or turf area (lawns) 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 Ortho ZB Granules if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

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.

Note to PM: Following will be a list of application spreaders and appropriate settings. This list will vary depending on market spreaders.

SPECIFIC PEST INSTRUCTIONS

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

Ants (except pharaoh and carpenter): Mound Treatment, including Fire Ants: Treat ant mounds by applying 1/2 cup of Ortho ZB Granules per mound. Water with sufficient force to break its apex and allow the insecticide to flow into the ant tunnels, but not sufficient to significantly damage the mound that may lead to relocation. 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 Granules will provide control of ant mounds within four hours. Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with insecticide. For optimum control or for heavily infested areas, combine both mound and broadcast treatments.

Armyworms, Cutworms, and Sod Webworms: Irrigate the treated area with up to 0.1 inches of water immediately after application to activate (release from the granule) the insecticide.

Annual Bluegrass Weevil (Hyperodes) adults: Time application for when adult weevils leave their overwintering sites and move into grass areas.

Billbug adults: Apply when adult billbugs are first observed during April and May.

Black Turfgrass Ataenius adults: Apply during May and July to control the first and second generation of black turfgrass ataenius adults.

Chinch Bugs: Irrigate the treated area with up to 0.25 inches of water immediately after application to activate (release from the granule) the insecticide. Higher applications rates may be required to control populations that contain both nymphs and adults during the summer. In temperate regions, Spring applications will provide control of over-wintered chinch bugs.

Flea larvae: Irrigate the treated area with up to 0.5 inches of water immediately after application to activate (release from the granule) the insecticide.

Mole Crickets: Apply as late in the day as possible to moist soil (irrigate before application if necessary), and water in with up to 0.5 inches of water immediately after treatment. Treat grass areas that receive pressure from adult mole crickets in the spring immediately prior to peak egg hatch when young nymphs are located near the soil surface. Use higher and more frequent applications to control larger, more damaging, nymphs later in the year.

Scorpions: Treat at dusk to control outdoor scorpions from entering the building. Treat areas where scorpions reside hidden during the day such as in cracks and voids. Remove trash, debris, or firewood that scorpions may use as resting sites prior to treatment.

***Ticks (Including ticks that may transmit Lyme Disease and Rocky Mountain Spotted fever):** For extended control, do not rely on spot applications only. Treat the entire area where exposure to ticks may

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occur. Use higher application rates when treating areas with dense ground cover or heavy leaf litter. Re-treat if ticks are reintroduced from surrounding areas on host animals. Do not allow public use of treated areas during application.

Deer ticks (Ixodes sp.): Apply in mid to late-spring to control larvae and nymphs that reside in the soil and leaf litter.

American dog ticks Applications should be made as necessary from mid-spring to early fall to control American dog ticks.

Note to PM: END OF OPTION D

[Optional Placement of Re-entry statements][All Label Options]

OPTIONAL RE-ENTRY STATEMENTS

[People and pets can enjoy the yard (lawn) (area) after application is made. If watering in, allow area (lawn) (yard) to dry before re-entering. [People and Pets icon]



OR

People and pets can enjoy the yard (lawn) (area) once product has been watered in and allowed to dry. [People and Pets icon]

OR

People and pets may immediately re-enter yard (lawn) (area) after area (it) is watered and allowed to dry. [People and Pets icon]

OR

People (children) and pets can enjoy the lawn (yard) (area) immediately after lawn (yard) (area) (it) is watered and dry. [People and Pets icon]

OR

People (children) and pets can enjoy the area (yard) (lawn) once watered and dry. [People and Pets icon]

OR

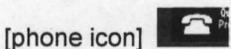
People and pets may enter treated area (yard) (lawn) after granules have been watered and area (yard) (lawn) has dried. [People and Pets icon]

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. [For best results] [and a healthy environment], please follow instructions for appropriate usage, storage and disposal.

[OPTION I. (The ORTHO Group)]

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.



Questions, Comments or Medical Information

call 1-800-225-2883

www.ortho.com [computer icon]



†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.

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NOTE:

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20XX, [Licensed by] the Ortho Group. World rights reserved.

[Product of U.S.A.]

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

[END OF OPTION I]

[OPTION II The Consumer Lawns Group]

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

[ICON/NYSE symbol] *Insert company name and address*

Questions?/[Information] Call *insert company phone number*

Note to PM: The following guarantee will appear on any packaging which includes the term "Guarantee"

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

If for any reason you, the consumer, 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.

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

The Scotts Company
14111 Scottslawn Road
Marysville, Ohio 43041

20XX, Licensed by The Scotts Company LLC. World rights reserved. Made in the/Product of U.S.A.

[BACK]

Treats xxxxx Square Feet

[Copy will be inverted]

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End of OPTION II

EPA Reg. No. 239-xxxx

EPA Est. No. 239-IA-3¹, 58996-MO-1^A, 84064-IA-1^P, 85652-OH-1^W, 239-MS-001^M

[Superscript is first letter of lot number.]

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

Note to PM: The use of the words Insects/bugs/pests may be used interchangeably

Efficacy:

[GENERAL]

1. [Dual Action Formula][Works two ways]: (1) Kills [and] (2) Controls
 - o [Dual Action Formula] Starts to Kill fast and lasts long
2. 2 in 1 Action/Formula: (1) Kills [and] (2) Controls
 - o 2 in 1 Action/Formula: (1) Starts Killing fast [and] (2) lasts long
3. Low odor formula/virtually odor-free
4. Easy-to-Use
5. Apply at first sign(s) of insect damage or activity
6. Outdoor granules
7. SATISFACTION GUARANTEED OR YOUR MONEY BACK †
8. Guaranteed kill or your money back! †
9. [New!] Fast Acting Formula! (New!- can be used for 6 months after commercial introduction)
10. Guaranteed! †
11. Light and Easy to Apply
12. No Splash Back!
13. Insect Protection

[General Kills] (Listed Insects may be any combination of the insects in Table 1 and 2; if insect appears on Table 2 then Table 2 must be present on FPL)

14. Kills All Home Invading Insects Listed
15. Kills listed outdoor pests in lawns and around homes [and more/and many other listed lawn insects]
16. Kills listed insects by/through contact
17. Kills listed lawn-damaging insects, spiders, fleas and ticks. For grub control, apply "Scotts GrubEx_{1} Season-long Grub Control" [anytime] from early April to August [spring to (late) summer].
18. Kills mole crickets
19. Kills (controls) European Crane Fly [Larvae]
20. Kills ticks that may transmit Lyme Disease
21. Kills [insert listed insect(s)][and many other listed lawn insects]
22. Kills all listed insects [like...insert any combination of listed insects] [that commonly harm flowers/shrubs/listed edibles/listed fruits/listed vegetables/ornamentals/lawns]
23. Kills ants (except pharaoh and carpenter) [and] spiders [and many other listed pests [listed insects]!]

[General Kills with mandatory Table 2 inclusion on FPL] (If any claim from the following list are used any where on a FPL then Table 2 must be present)

24. Kills [1,2,3...100...120...126][over 100...120][100...120+][up to 120] listed insects
25. Kills [listed Insects] [listed Fleas & Ticks]
26. [Effective in killing] [Fast acting against] listed insects, spiders, fleas, and ticks

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[General Kills and Control] (Listed Insects can only refer to those listed in Table 1)

- 27. Kills/Controls* [insert listed insect(s)][and more/and many other listed lawn insects] [that commonly harm flowers/shrubs/listed edibles/listed fruits/vegetables/ornamentals/lawns]
 - 28. Protects/Controls* [against][listed damaging insects] [any combination of listed use sites]
 - 29. Provides a protective barrier to keep bugs away 3 months*
 - 30. Controls* ants (except pharaoh and carpenter) [any combination of listed ants] (fire ants), chinch bugs, sod webworms (lawn moth), European crane fly [larvae], fleas, ticks (including ticks that may transmit Lyme Disease), mole crickets and many other listed lawn insects (see back)
 - 31. Controls chinch bugs, sod webworms (lawn moth), fleas, ticks (including ticks that may transmit Lyme Disease), and other lawn pests listed on the back
- Qualifier: * Refer to booklet/back panel for complete list

[Lawn Insect Killer Only]

- 32. Lawn Insect Protection
- 33. Not harmful to/on lawn grasses/lawns

[Lawn Insect Kills and Control Only](Listed Insects can only refer to those listed in Table 1)

- 34. Kills/controls* listed insects [which destroy lawns/ flowers/ listed edibles] [and/or] [which] [annoy people/kids/pets.]
- Qualifier: * Refer to booklet/back panel for complete list

[Lawn Insect Kills Only] (Listed Insects may be any combination of the insects in table 1 and 2. if insect appears on table 2 then table 2 must be present on FPL)

- 35. Kills listed [lawn-damaging] [invading] insects that cause your lawn to thin and turn brown
- 36. Kills chinch bugs, mole crickets, cutworms, billbugs, European crane fly larvae, [other listed lawn damaging/destroying insects] [by/through contact]
- 37. Kills listed insects [which destroy lawns/ flowers/ listed edibles] [and/or] [which] [annoy people/ pets.]

Speed:

[GENERAL]

- 38. New! (can be used for 6 months after commercial introduction)
- 39. Kills in 24 hours
- 40. Kills overnight
- 41. Fast Acting [Formula] [against/kills] [any combination of listed insects]
- 42. Starts [killing/to kill/working/to work] [lawn][listed insects] [immediately] [after watering in](or irrigating)] by/through contact
- 43. Kills [lawn] [insects] [immediately] [after watering in] (or irrigating)] by/through contact
- 44. Rapid Release™ granule technology
- 45. [Specially] [designed to] [dissolve/break apart] [and] absorb into the soil quickly
- 46. Rapid/Quick/Fast Dissolve/dissolving [formula]
- 47. Dissolvable [formula]
- 48. Rapid/Quick/Fast dissolve formula breaks up/down fast
- 49. Quick-Dissolve Granules
- 50. Goes to work in minutes

[Speed Kills] (Listed Insects may be any combination of the insects in table 1 and 2. if insect appears on table 2 then table 2 must be present on FPL)

- 51. Kills listed insects [by contact/fast/in1 hour/overnight]

[Speed Kills and Control] (Listed Insects can only refer to those listed in Table 1)

- 52. Kills/controls* listed insects [by contact/fast/in1 hour/overnight]
- Qualifier: * Refer to booklet/back panel for complete list

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Residual:

[GENERAL] (Listed Insects can only refer to those listed in Table 1)

- 53. Starts Creating A Bug Barrier In Minutes
 - 54. Dissolves/Absorbs Quickly [and Provides Long Lasting Control/and Provides 3 Month Control*/and Creates a 3 Month Bug Barrier*]
 - 55. Starts working/killing in minutes/quick/fast [and creates a 3 month* bug barrier/and provides 3 month control*/and lasts for 3 months*]
 - 56. [One (1) application/apply once] [for] [provides] 3 month control*
 - 57. Three (3) month control* on/for [a wide variety of insects/many types of insects][listed insects]
 - 58. [Long lasting!] [up to] [3 month control*] [Guaranteed†]
 - 59. [Up to 3 month control*] Kills and/& controls/protects for [up to] 3 months*
 - 60. [Kills and/&] / Keeps [on] killing for [up to] 3 months*
 - 61. Creates/Provides a [3 Month* Bug] (insect) Barrier
- Qualifier: * Refer to booklet/back panel for complete list

[Lawn Insect Killer Only]

- 62. One application keeps killing listed lawn insects for 3 months*
- Qualifier: * Refer to booklet/back panel for complete list

[Outdoor Perimeter Insect Killer specific]

- 63. (One application) Keeps bugs away/out [for up to 3 months*][guaranteed†]
 - 64. Keeps bugs out for up to 3 months*
 - 65. (outdoor) (perimeter) granules
 - 66. Home perimeter granules
 - 67. Outdoor formula
 - 68. Formulated for outdoor use
 - 69. Kills ants (except pharaoh and carpenter) [and] spiders [and many other listed insects]!*
 - 70. Creates a barrier that [will kill] [kills] the listed bugs you have and controls new bugs from coming [in] [inside your home]*
- Qualifier: * Refer to booklet/back panel for complete list

Usage:

[GENERAL]

- 71. [For] [Use on] [lawns], [ornamentals], [home perimeter/foundation], [listed edible/listed vegetables (in vegetable gardens)], and[flower beds/gardens]
- 72. [For] [Use on] residential lawns, home perimeters, ornamental & flower gardens, and listed edibles/listed vegetables (in vegetable gardens)
- 73. Use on lawns, [listed edibles/listed vegetables][vegetable gardens] [&] [as a barrier (perimeter) treatment around home foundations]
- 74. Kills listed [nuisance] insects around home foundations
- 75. Use around outside of homes, porches and/& patios

Note to PM: use sites listed will be specific to directions for use on the market label for claims listed above (72-76)

- 76. Easy-to-use [granules]
- 77. Ready-to-spread granules
- 78. Easy to apply [granules]
- 79. X% more than X size!
- 80. Bonus Size
- 81. Combo Pack
- 82. Wow (Pack)
- 83. Exclusive to Club Stores!
- 84. Exclusive Club (Bonus) Size!

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85. Value/Bonus Size – 2-pack!

[Lawn Insect Killer Only]

- 86. Can be used on listed edible/listed vegetables
- 87. A XX lb bag treats up to XXXX sq. ft.
- 88. A 10lb (20lb) bag treats up to 10,000 sq.ft. (20,000 sq. ft.)
- 89. Treats up to XXXX sq. ft. – [up to/over] XX% / X times/x more than XXX sq. ft. bags
- 90. Treats up to 10,000 sq.ft. — 100%/twice more than 5,000 sq.ft. bags (for 10# bag)
- 91. Treats up to 20,000 sq.ft. — 100%/ twice more than 10,000 sq.ft. bags (for 20# bag)
- 92. X x more coverage* - *vs. standard XXXX sq. ft. bags
- 93. 2X More Coverage* - *vs. Standard 5,000 sq. ft. bags. (10# bag)
- 94. 2X More Coverage* - *vs. Standard 10,000 sq. ft. bags. (20# bag)
- 95. Formulated for lawns
- 96. Treats (up to) 5,000 (10,000 / 20,000) square feet for insect control
- 97. For residential lawn use only

[illustrations] [Outdoor Perimeter Insect Killer only] [illustrations will be accompanied by approved claim]

- 98. 1 Bottle = 2 Homes to exemplify the claim "Treats the average 2,000 sq. ft. 2 story home over 2 times! (*see representation below*)"
- 99. 1 Bottle = 3 Homes to exemplify the claim "Treats the average 1,800 sq ft. home up to 3 times"
- 100. Calendar depicting 3 months to exemplify the claims "3 Month Control of Home Invading Listed Insects"
- 101. Image of granules in relation to a quarter which will depict the proper application rate for consumers (*see representation below*)

[Outdoor Perimeter Insect Killer specific]

- 102. Treats the average 2,000 sq ft 2-story home over 2 times! (Applies to 2.5lb size) (*see picture below*)
- 103. Treats the average X sq ft X-story home over X times!
- 104. Treats the average 1,800 sq ft home up to 3 times
- 105. Use around home foundation
- 106. Use as an outdoor perimeter treatment
- 107. For residential home perimeter use only

