



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Aug 25, 2011

Mandy Slack  
The Scotts Company  
d/b/a The Ortho Group  
PO Box 190  
Marysville, OH 43040

Subject: Amendment – Response to Agency’s October 13, 2010 letter  
Ortho Insecticide Granule  
EPA Reg. No. 239-2701  
Your submission dated March 30, 2011

Dear Ms. Slack:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comments listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

1. Revise the following Residual Claims as follows:
  - a. Replace “Kills insects by contact [keeps on killing] for [up to] 3 months” with “Kills listed insects by contact [keeps on killing] for [up to] 3 months”.
  - b. Replace “One (1) application kills/controls [lawn damaging] insects/bugs/pests for up to 3 months” with “One (1) application kills/controls [listed lawn damaging] listed insects/bugs/pests for up to 3 months”.
  - c. Replace “Works two (2) ways] [Dual-Action] Kills/Controls/Stops insects above & below ground [above ground and below] [above & below the surface] [for up to 3 months] [guaranteed]” with “Works two (2) ways] [Dual-Action] Kills/Controls/Stops listed insects above & below ground [above ground and below] [above & below the surface] [for up to 3 months] [guaranteed]”.
2. Revise the Specific Insect Claim, “Kills listed major lawn insects [for up to 3 months]” to read “Kills listed lawn insects [for up to 3 months]”. Major implies a false and misleading comparison of pests which does not exist.
3. Delete the Specific Insect Claim, “Broad spectrum”, the term is a false and misleading statement about the value of the product for purposes other than as a pesticide.

4. Add all Alternate Brand Names to the front of the label.

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

Sincerely,



Richard Gebken  
Product Manager  
Insecticide Branch  
Registration Division (7505P)

Enclosure

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EPA Reg. No. 239-2701

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated**  
**AUG 25 2011**  
**Under the Federal Insecticide,**  
**Fungicide, and Rodenticide Act,**  
**as amended, for the pesticide**  
**registered under EPA Reg. No.**  
239-2701

# Ortho Insecticide Granule

## Alternate Brand Names

[ICON] For Residential Lawns, Landscaped areas, and Ornamental & Flower Garden use only. Not for use in commercial nurseries or greenhouses, or on grass grown for seed, or on golf courses and sod farms.

### ACTIVE INGREDIENT:

Chlorantraniliprole: 3-Bromo-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-1H-pyrazole-5-carboxamide.....	0.060%
Bifenthrin* .....	0.115%
OTHER INGREDIENTS .....	99.825%
Total .....	100.000%

\*Cis isomers 97% minimum, trans isomers 3% maximum.

Product is covered by one or more of the following patents:  
U.S. Patent No. 4,742,060, 5,783,203 and 4,238,505. Other patents pending

[Not for sale, use, or distribution in New York]

Net Weight: 20 lbs (9.1 kg)

[May contain peanut byproducts]

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

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

***Any or all listed bugs may be represented graphically on Final Printed Labeling***



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**PRECAUTIONARY STATEMENTS** [icon]

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

<b>FIRST AID</b> [icon]	
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
For Medical Emergencies Call 24 Hours a Day 1-800-xxx-xxxx	
Have the product container or label with you when calling poison control center or doctor or going for treatment.	

**ENVIRONMENTAL HAZARDS**

This product is toxic to wildlife and highly toxic to aquatic invertebrates. 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. This product is toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

**DIRECTIONS FOR USE**

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

[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, make a single repeat application of Ortho Insecticide Granule if there are signs of renewed insect activity, but not sooner than two weeks after the first application.]

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<b>PRODUCT FACTS</b>	
<b>INSECTS CONTROLLED</b>	<p>Use Ortho Insecticide Granule to kill and control: Fleas</p> <p>Use Ortho Insecticide Granule to kill and provide [3-month] control of:</p> <p><b>Surface Insects:</b> Fire Ants, Ants (including Red Harvester, Pavement, Odorous, Pyramid, Argentine, Black Turf, White-footed Ant, Crazy Ant, Little Black Ant, Small Honey Ant, Black Turf Ant, Lawn Ant, Cornfield Ant, Ghost Ant, Thief Ant, Acrobat Ant, Citronella Ant, Big-headed Ant, Allegheny Mound Ant), American Dog Ticks, Armyworms (including Lawn Armyworm, Fall Armyworm), Billbugs (including Bluegrass Billbug, Hunting Billbug), Black Turfgrass Ataenius adults, Bristletail, Centipedes, Chiggers, Chinch Bugs, Crickets (including House Cricket, Common Short-tailed Cricket, Indies Short-tailed Cricket, Arizona Cricket, Tropical Cricket, Variable Field Cricket, Fall Field Cricket, Southeastern Field Cricket, Texas Field Cricket, Spring Field Cricket, Northern Wood Cricket, Western Striped Cricket, Eastern Striped Cricket, Sand Field Cricket, Vocal Field Cricket, Southern Wood Cricket), Cutworms (including Black Cutworm, Bronzed Cutworm, Granulate Cutworm, Variegated Cutworm), Dichondra Flea Beetle, Earwigs, European Crane Fly Larvae, Fiery Skipper, Firebrat, Frit Fly, Grasshoppers, Greenbug, Ground Beetle, Ground Pearl, Ladybeetles (including Convergent Ladybeetle, Seven-spotted Ladybeetle, Two-spotted Ladybeetle, Thirteen-spotted Ladybeetle, Twice-stabbed Ladybeetle, Asian Ladybeetle, Mealybug Ladybird), Leafhoppers, Lucerne Moth, Mealybugs, Millipedes, Mole Crickets (including Tawny Mole Cricket, Southern Mole Cricket, Short-Winged Mole Cricket), Pillbugs, Arizona Stripetail Scorpion, Southern Unstriped Scorpion, Lesser Stripetail Scorpion, Yellow Ground Scorpion, California Common Scorpion, Northern Scorpion, Eastern Sand Scorpion, Seed Maggots, Sowbugs, Spiders excluding black widow, brown recluse and hobo (including Marbled Cellar Spider, Longbodied Cellar Spider, Shortbodied Cellar Spider, Thinlegged Wolf Spider, Burrowing Wolf Spider, Pirate Wolf Spider), Springtails, Striped Grassworm, Ticks (including Brown Dog Tick and ticks that may transmit Lyme Disease), Two-lined Spittle Bugs, Webworms (including Sod Webworm, Grass Webworm, Tropical Sod Webworm), Weevils (including Hyperodes and Bluegrass) and Wireworms.</p> <p><b>Subsurface Insects:</b> White Grubs (including larvae of): Japanese Beetles, Asiatic Garden Beetles, Black turfgrass ataenius, Aphodius spp., European chafers, Green June beetles, May/June beetles, Northern masked chafers, Oriental beetles, Southern masked chafers, Caterpillars (Armyworms, Cutworms and Sod Webworms), Billbug grubs, Crane fly larvae.</p>

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<b>WHERE TO APPLY/USE</b>	Lawns, Landscapes, Ornamental & Flower Gardens, and Around Home Foundations  DO NOT use in vegetable gardens.
<b>WHEN TO APPLY/USE</b>	Apply early/proactively [in the Spring or Summer] to prevent infestation. Works best when applied before grubs hatch.  [For extended surface [feeder/feeding] insect control [in/into the Fall], follow-up your Spring/Summer treatment with Ortho® Bug B Gon® MAX® Insect Killer for Lawns.]  DO NOT apply Ortho Insecticide Granule when turf areas are waterlogged. The product may not work effectively under these conditions.
<b>HOW TO APPLY/USE</b>	For best results, thoroughly water treated area immediately after application.  <b>On Lawns: [illustration]</b> • Using a spreader designed for application of granular materials, uniformly apply product. (see spreader settings chart). A 20 lb bag will treat up to 5,000 sq ft.  • [For 3-month control,] apply 4 lbs of product for every 1,000 sq ft. Re-apply after 3-months if necessary. Do not exceed 2 applications per year.  <b>On Landscapes, and Ornamental &amp; Flower Gardens: [illustration]</b> • Apply 2 lb evenly over each 500 sq ft area using a hand held spreader. Repeat if there are signs of renewed insect activity. • Product can be applied just before planting or after plants emerge.
<b>PEOPLE &amp; PETS</b> [icon]	People and pets can enjoy the yard/lawn/area once product has been watered in and allowed to dry.  OR  People and pets may re-enter treated areas after product has been watered in and allowed to dry.

**RESTRICTIONS**

- Do not make more than 2 applications per year. Do not apply more than 175lb of product per acre per application to residential use sites (i.e. around private homes, apartment buildings, condominiums, non-agricultural out buildings, non-commercial greenhouses, pre-schools or day care facilities.)
- Avoid Run-off or puddling of irrigation water following application.
- Do not apply Ortho Insecticide Granule to areas which are waterlogged or saturated. Doing so will not allow penetration into the root zone of the plant.

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**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.

[Illustrations to correspond with application tips]

Spreader	Spreader Settings Covers 5000 sq ft	Directions
Drop Spreader Scotts® AccuGreen®	X	Overlap wheel marks to ensure uniform coverage.
Scotts EasyGreen® Rotary Spreader	X	Make each pass about 30 inches from the previous one.
Broadcast/Rotary Spreaders Scotts® Basic™, Standard™, Deluxe™, EdgeGuard®, Lawn Pro™, or SpeedyGreen®	X	Make each pass about five feet from the previous one.

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

**Note to PM: Actual spreader settings will be added to final label and additional spreader settings may be added, consistent with labeled use rates.**

**STORAGE AND DISPOSAL [icon]**

**PESTICIDE STORAGE:** Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place to avoid excess heat. For bags after partial use, reseal opened bag by folding top down and securing.

**PESTICIDE and CONTAINER DISPOSAL: If empty:** Non-refillable bag. Do not reuse or refill bag. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency. Never place unused product down any indoor or outdoor drain.

**[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.]

**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

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**†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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Sold By: The Ortho Group  
PO Box 190, Marysville, OH 43040

EPA Reg. No. 239-2701  
EPA Est. 239-OH-001

[Made in USA]

**Questions, Comments or Medical Information**  
1-800-225-2883 [icon] <http://www.ortho.com>[icon]

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**Optional Marketing Claims**

**[3-Month] Grub Control**

White grubs can cause extensive damage to turf by feeding on grass roots. Affected turf turns yellow, then brown, and is easily pulled up in pieces with your hands.

**One Application Stops Grubs [for 3 Months]!**

Ortho Insecticide Granule works best when applied before grubs hatch. The active ingredient will remain in the root zone of the turf until the eggs of grubs hatch. Newly hatched grubs are highly susceptible to Ortho Insecticide Granule and are killed before they become large enough to cause turf damage.

Ortho Insecticide Granule prevents turf damage by killing grubs when they are newly hatched, before they can cause damage.

Protecting your lawn from damaging insects has never been easier!

Just one application of Ortho Insecticide Granule will protect your lawn for 3 months, both above and below the soil surface. The formula kills invading surface insects like ants (except carpenter & pharaoh ants), fleas and ticks, plus damaging subsurface insects like grubs and European crane fly larvae.

**Coverage:**

- 1. 20 lb bag treats / covers 5,000 sq ft [of lawn]
- 2. Treats [up to] 5,000 sq ft.

**Speed Claims:**

- 3. Kills in 24 hours
- 4. Kills in hours
- 5. Kills overnight
- 6. Fast acting [formula]
- 7. Fast acting against listed lawn insects
- 8. Fast-acting and long-lasting
- 9. Starts killing/to kill listed lawn bugs/insects\* \*after watering in
- 10. Starts working/to work immediately\* \*after watering in
- 11. Kills by Contact [above and below the ground/surface]

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**Residual Claims:**

- 12. Long Lasting! [up to] 3 month control [guaranteed†]
- 13. Kills insects by contact [keeps on killing] for [up to] 3 months
- 14. Keeps [on] killing for [up to] 3 months
- 15. One (1) application kills/controls [lawn damaging] insects/bugs/pests for up to 3 months
- 16. One (1) application provides up to 3-month control
- 17. 3-Month Control
- 18. Provides 3-month soil/lawn control/defense/protection
- 19. Controls/kills grubs for up to 3 months [90 days]
- 20. [Works two (2) ways] [Dual-Action] Kills/Controls/Stops insects above & below ground [above ground and below] [above & below the surface] [for up to 3 months] [guaranteed†]
- 21. 3-Month grub control
- 22. Apply once and you're done [for 3 months]
- 23. [up to] 3 months of Control/Defense/Protection above & below ground
- 24. Works two ways: (1) Kills [by contact] [and] (2) Keeps killing for 3 months
- 25. Works two (2) ways: (1) Starts working immediately, (2) Keeps working for 3 months

**Sub-Surface Claims:**

- 26. Controls/Kills above [and/&] below the [lawn('s)] surface
- 27. [guaranteed†] Above [ground] & Below [ground] Control/Defense/Protection
- 28. Kills listed [above surface/lawn/ground] insects/bugs
- 29. Kills listed [below surface/lawn/ground] insects/bugs
- 30. Kills listed insects in/and under the lawn
- 31. Prevents turf damage by killing grubs before they destroy your lawn
- 32. With/Plus [the power of Scotts] GrubEx
- 33. [Now] with the power of [Scotts] GrubEx
- 34. [Scotts] GrubEx soil/lawn protection
- 35. With/Plus GrubEx [subsurface insect] control
- 36. Dual Action formula: 1. Ortho MAX surface insect/bug control, 2. [Scotts] GrubEx Soil/Lawn Protection
- 37. Defends against grubs [[plus] [to] help[s] turf recover]
- 38. Helps prevent root damage for a healthier/stronger lawn
- 39. Kills/controls/prevents/stops grubs and strengthens your lawn
- 40. Kills/controls/prevents/stops grubs so the lawn can repair itself
- 41. Penetrates deep [in the soil] to kill lawn [damaging] grubs
- 42. Protects(s)/revitalize(s)/regenerates(s)/renew(s)/rejuvenate(s)/refresh(es) your lawn by killing [lawn damaging] grubs
- 43. The active ingredient in [product name] will remain in the root zone of the turf until the grub eggs hatch. Young, newly hatched grubs are very susceptible to [product name] and are killed before they become large enough to cause turf damage.

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**Specific Insect Claims: Note to reviewer: Full insect list will appear on the label**

- 44. Kills [1,2,3... 103] listed insects [by contact]
- 45. Kills listed lawn-damaging insects
- 46. Kills listed major lawn insects [for up to 3 months]
- 47. Broad spectrum
- 48. Controls chinch bugs, sod webworms (lawn moth), fleas, ticks (including ticks that may transmit Lyme Disease), and other lawn pests listed on the back
- 49. Kills European Crane Fly Larvae
- 50. Kills [lawn damaging] Grubs
- 51. Kills listed [surface and subsurface] insects with a single application
- 52. One application kills grubs before they damage your lawn
- 53. Kills/controls/prevents/stops grubs now and prevents them for up to 3 months
- 54. Kills/Suppresses (*insert any listed insect*)
- 55. Use in landscape beds to protect shrubs/ornamentals/flowers/ [and] ground cover from (*insert any listed insect*)

**Usage Site Claims:**

- 56. Use on residential lawns, home perimeters, ornamental & flower gardens
- 57. Use around outside of homes, porches, and/& patios
- 58. For use on lawns, ornamentals, home perimeter/foundation and flower beds/gardens

**Other Claims:**

- 59. Easy to Use
- 60. Odor-Free
- 61. Easy to apply
- 62. Not harmful to lawn grasses
- 63. Won't harm lawns
- 64. Guaranteed<sup>†</sup>
- 65. Guaranteed results<sup>†</sup>
- 66. Guaranteed kill or your money back<sup>†</sup>
- 67. Dual Action formula
- 68. Formulated for lawns [and landscapes]
- 69. New [Formula] (to be used for six months after commercial introduction)
- 70. Protects [Defends] your lawn from top to bottom
- 71. Apply anytime spring through late Summer
- 72. Apply both in spring and summer
- 73. Apply early April to late August
- 74. From the experts at Ortho
- 75. Defend What's Yours™ [for up to 3 months]