

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



OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

June 4, 2010

John J. Wrubel
Nisso America, Inc.
45 Broadway, Suite 2120
New York, NY 10006

Dear Mr. Wrubel:

Subject: Label Notification per Pesticide Registration Notice 98-10
(Revise warranty text, correct hose end application instructions)

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10, dated May 18, 2010, for the product "Acetamiprid Concentrate Insecticide," EPA Registration Number 8033-107.

The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The information submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please contact me directly at 703-308-8735 or email me at chao.julie@epa.gov.

Sincerely,

A handwritten signature in cursive script, appearing to read "Julie A. Chao".

Julie A. Chao
Insecticide-Rodenticide Branch
Registration Division (7505P)
Office of Pesticide Programs

	EPA United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other:	OPP Identifier Number
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Application for Pesticide - Section I

1. Company/Product Number 8033-107	2. EPA Product Manager V. Eagle / J. Chao	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Acetamiprid Concentrate Insecticide	PM# Team 1	
5. Name and Address of Applicant (Include ZIP Code) Nippon Soda Co., Ltd. c/o Nisso America Inc. 45 Broadway, Suite 2120 New York, NY 10006 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ NOTIFICATION Product Name _____ JUN - 4 2010	

Section - II

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application <input type="checkbox"/> Other - Explain below
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Explanation: Use additional page(s) if necessary. (For Section I and Section II.)
NOTIFICATION of minor text change regarding correction of hose end application instructions and a revised warranty statement.
NO FEE REQUIRED.
 This notification is consistent with the guidance in PR Notice 98-10 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (laminated bag)
* Certification must be submitted		if "Yes" Unit Packaging wgt. No. per container	if "Yes" Package wgt. No. per container		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container Including but not limited to 16 oz		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name John J. Wrubel	Title Regulatory Affairs Director	Telephone No. (Include Area Code) 212-490-0351
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Affairs Director	
4. Typed Name John J. Wrubel	5. Date 5-18-10	



NISSO AMERICA INC.
45 Broadway, Suite 2120
New York, NY 10006

Phone: (212) 490-0350

Fax: (212) 972-9361

NOTIFICATION

JUN - 4 2010

May 18, 2010

Document Processing Desk [NOTIF]
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Rm S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Re: NOTIFICATION of Minor Text Changes on the Acetamiprid Concentrate Insecticide Label
(EPA Reg. No. 8033-107) as per PR Notice 98-10.

Dear Sir/Madam:

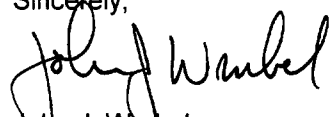
Nippon Soda Co., Ltd. is hereby notifying US EPA of a minor revision to the warranty text and a correction on the spray application technique on the Acetamiprid Concentrate Insecticide label (EPA Reg. No. 8033-107) as per PR Notice 98-10.

No other changes to the label are made.

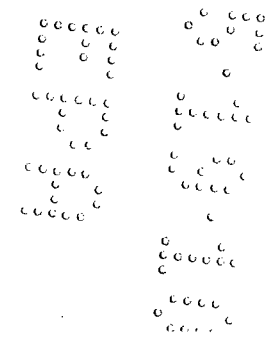
There are no fees associated with this action.

Nippon Soda Co., Ltd. in care of Nisso America Inc. is submitting a copy of the revised label. The changes are highlighted for ease in review. Nippon Soda Co., Ltd. certifies that no other changes to the label have been made. We are also enclosing a completed notification form (EPA Form 8570-1) and a "clean" copy of the label for your convenience.

Thank you for processing this notification and should you have any questions please contact me directly at 212-490-0351 or e-mail at j.wrubel@nissoamerica.com.

Sincerely,

John J. Wrubel
Regulatory Affairs Director

encls.



Bold, italicized text is information for the reader and is not part of the label.
[Bracketed information is optional text.] Text separated by / denotes and/or options.
EPA Reg. No. 8033-107 (Notification 5-18-10)

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Acetamiprid Concentrate Insecticide

NOTIFICATION

JUN - 4 2010

Alternate Brand Names

- Ortho[®] Max[™] Rose Pride[®] Insect Killer
- Ortho[®] Rose Pride[®] Insect Killer
- Ortho[®] Max[™] Flower, Fruit & Vegetable Insect Killer
- Ortho[®] Flower, Fruit & Vegetable Insect Killer
- Ortho[®] Bug-B-Gon Max[®] Garden Insect Killer
- Ortho[®] Bug-B-Gon[®] Garden Insect Killer
- Ortho[®] Max[™] Garden Insect Killer
- Ortho[®] Garden Insect Killer

[ICON] For Residential [Indoor and] Outdoor Use Sites Only
Not For Commercial Production

ACTIVE INGREDIENT:

Acetamiprid	0.5%
OTHER INGREDIENTS.....	99.5%
Total	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

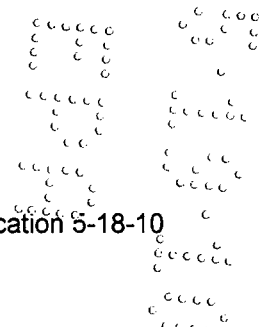
See back panel booklet for additional precautionary statements.

Net Contents: x oz. / gal. (ml / L)

[PEEL HERE]

[OPEN RESEALABLE LABEL FOR DIRECTIONS & PRECAUTIONS]

[PRESS TO RESEAL]



PRECAUTIONARY STATEMENTS
CAUTION

HAZARDS TO HUMANS (& DOMESTIC ANIMALS)

Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Avoid breathing vapors or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

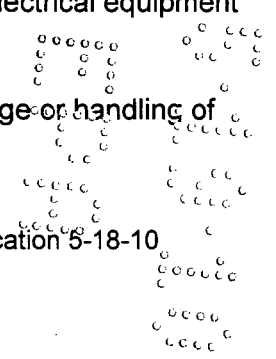
FIRST AID	
IF ON SKIN	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED	<ul style="list-style-type: none"> • Move the person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
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 a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
For Medical Emergencies, Call 24 Hours a Day 1-800-424-9300	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.	
NOTE TO PHYSICIAN: There is no specific antidote. All treatments should be based on observed signs and symptoms of distress in the patient. Overexposure to other materials other than this product may have occurred.	

ENVIRONMENTAL HAZARDS

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. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems. This pesticide is toxic to wildlife. This product is toxic to bees exposed to direct treatment. Do not apply this product while bees are actively visiting the treated area.

PHYSICAL OR CHEMICAL HAZARDS: Do not apply this product in or on electrical equipment due to the possibility of shock hazard.

NOTICE: To the extent allowed by law, buyer assumes all risks of use, storage or handling of this product not in accordance with directions.



DIRECTIONS FOR USE

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

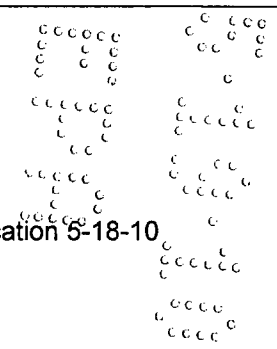
IMPORTANT APPLICATION INFORMATION

- For [indoor and] outdoor residential use sites only.
- Not for commercial production.
- Do not apply this product in a way that the spray will contact persons, either directly or through drift.
- Keep children and pets out of treated areas until sprays have thoroughly dried.
- When applying outdoors:
 - Do not apply if wind speed exceeds 10 mph.
 - Always stand "up wind" when applying this product.

GARDENS	
TO KILL THESE INSECTS	Aphids (including Green Peach, Wooly, Melon, and Cotton), Army Worms (including Fall Army Worm, and Southern Army Worm), Banded Grape Bug, Beetles (including Bean Leaf Beetle, Colorado Potato Beetle, Flea Beetle, Japanese Beetle, Mexican Bean Beetle and Oriental Beetle), Cucumber Beetle (including Spotted, Striped and Western Striped), Bollworm, Borers (including Dogwood Borer, European Corn Borer, Peach Twig Borer and Squash Vine Borer), Budworm (including Tobacco Bud Worm), Caterpillars (including Red Humped Caterpillar, Tomato Fruitworm, and Cabbage Looper), Rose Chafer, Plum Curculio, European Chafer, European Pine Sawfly, Filbertworm, Flea Hopper, Fruit Fly (including Cherry, Black Cherry and Western Cherry), Western Grapeleaf Skeletonizer, Hickory Shuckworm, Hornworms, Katydid, Phylloxera (aerial form only), Leafhoppers (including Glassy Wing Sharpshooter and Potato Leaf Hopper), Leaf Miners (including Chrysanthemum, Citrus, and Tentiform), Lesser Apple Worm, Apple Maggot, Mealybugs (including Citrus, Grape, Obscure, Longtail, Pink Hybiscus, and Maderia), Melonworm, Moths (including Codling, Diamondback Moth, Gypsy Moths and Oriental Fruit Moth), Navel Orangeworm, Pecan Nut Casebearer, Pickleworm, Plantbugs (including Tarnished, and Mullein Plant Bug), Psyllids, European Apple Sawfly, Scale (including Asian Cycad Scale, Caribbean Black Scale, California Red Scale, Citricola Scale, Cottony Maple Scale, Euonymus Scale, Fletcher Scale, Florida Wax Scale, Green Shield Scale, Indian Wax Scale, Oyster Shell Scale, Pine Needle Scale, Red Scale, San Jose Scale and Tea Scale), Squash Bug, Stinkbug, Swede Midge, Thrips (including Citrus, Cotton, Palm, and Western Flower), Weevils (including Pecan Weevil, Pepper Weevil and Strawberry Weevil), Whiteflies (including Greenhouse, Sweet Potato, Silverleaf, Banded and Giant)
ON THESE PLANTS	Ornamentals, Roses, Flowers, Trees, Shrubs
USE THIS AMOUNT	1.5 oz. per gallon Ortho® Dial 'N Spray® setting is 1.5 oz.
WHEN TO APPLY	Apply as soon as insect problems are noticed. Wait 1 to 4 weeks to re-apply if insect problems reappear. Do not apply more than 5 times in a season.

Options for "Directions for use" based on packaging

<p>HOW TO APPLY</p>	<p>Ready-To-Spray Hose End Applicator</p> <p>Shake container gently before using.</p> <p>Connect: [illustration]</p> <ul style="list-style-type: none"> ▪ Connect/Attach/Sprayer/bottle to end of hose ▪ Turn on water <p>Spray: [illustration]</p> <ul style="list-style-type: none"> ▪ To begin spraying, [disengage safety lock and] point nozzle in the direction you want to spray making sure that the end of the nozzle is 8 to 12 inches away from the plants. ▪ Slide thumb activation switch forward to ON position. ▪ Direct spray toward the upper and lower leaf surfaces and stems where pests appear. ▪ Spray until the surface of the foliage is wet. <p>Finish: [illustration]</p> <ul style="list-style-type: none"> ▪ To STOP spraying, slide thumb activation switch backward to OFF position. ▪ Turn off water. ▪ Relieve water pressure by sliding thumb switch to ON [WATER] [WATER ONLY] position until water slows to a drip. Then, slide switch back to OFF position [and engage safety lock]. <p>Disconnect the sprayer from hose.</p> <p>Do not use hose end applicator indoors</p>
<p>HOW TO APPLY</p>	<p>Ready-To-Spray Hose End Applicator</p> <p>Shake container gently before using.</p> <p>Connect: [illustration]</p> <ul style="list-style-type: none"> ▪ Connect/Attach Sprayer/bottle to end of hose ▪ Turn on water <p>Spray: [illustration]</p> <ul style="list-style-type: none"> ▪ Hold/Direct/Point sprayer towards the area to be treated making sure that the end of the nozzle is 8 to 12 inches away from the plants. ▪ Bend small plastic tab back and turn knob <u>counter</u>-clockwise to ON position. ▪ Direct spray toward the upper and lower leaf surfaces and stems where pests appear. ▪ Spray until the surface of the foliage is wet. <p>Finish: [illustration]</p> <ul style="list-style-type: none"> ▪ To stop spraying, turn the knob to the OFF position. ▪ Turn off water. ▪ To relieve water pressure, turn knob to ON position until water slows to a drip. Turn the knob back to the OFF position. <p>Disconnect the sprayer from hose.</p> <p>Do not use hose end applicator indoors</p>



HOW TO APPLY	<p>Tank Sprayer</p> <p>Shake container gently before using.</p> <ul style="list-style-type: none"> ▪ Mix 1.5 oz of product per gallon of water. ▪ Hold sprayer 8 to 12 inches from the area to be treated. ▪ Direct spray toward the upper and lower leaf surfaces and stems where the pests appear. <p>Spray only until the surface of the foliage is wet.</p>
HOW TO APPLY	<p>Ortho® Dial 'N Spray® Applicator</p> <p>Shake container gently before using.</p> <ul style="list-style-type: none"> ▪ Set dial to 1.5 fl oz. ▪ Pour product into jar to full or one-half full ▪ DO NOT add water. ▪ Attach hose to the sprayer. ▪ Hold sprayer 8 to 12 inches from the area to be treated. ▪ Direct spray toward the upper and lower leaf surfaces and stems where the pests appear. ▪ Spray only until the surface of the foliage is wet. <p>Pour unused product back into its original container.</p> <p>Do not use Ortho® Dial 'N Spray® Applicator indoors</p>

EDIBLES	
TO KILL THESE INSECTS	<p>Aphids (including Green Peach, Woolly, Melon, and Cotton), Army Worms (including Fall Army Worm, and Southern Army Worm), Asian Citrus Psyllid, Banded Grape Bug, Beetles (including Bean Leaf Beetle, Colorado Potato Beetle, Flea Beetle, Japanese Beetle, Mexican Bean Beetle, Sap Beetles, and Oriental Beetle), Blueberry Maggot, Blueberry Gall Midge, Cucumber Beetle (including Spotted, Striped and Western Striped), Budworm (including Tobacco Bud Worm), Caterpillars (including Red Humped Caterpillar, Tomato Fruitworm, Cherry Fruitworm, Cranberry Fruitworm, Cranberry Tipworm, Sparganothis Fruitworm, Western Raspberry Fruitworm (adult) and Cabbage Looper), Rose Chafer, Plum Curculio, Filbertworm, Flea Hopper, Fruit Fly (including Cherry, Black Cherry and Western Cherry), Hickory Shuck Worm, Western Grapeleaf Skeletonizer, Hornworms, Katydid, Phylloxera (aerial form only), Grape Cane Girdler, Leafhoppers (including Glassy Wing Sharpshooter, Grape, Variegated, and Potato Leaf Hopper), Leaf Miners (including Chrysanthemum, Citrus, and Tentiform), Lesser Apple Worm, Apple Maggot, Mealybugs (including Citrus, Gill's, Grape, Obscure, Longtail, Pink Hibiscus, and Maderia), Melonworm, Moths (including Codling, Diamondback Moth, Gypsy Moths and Oriental Fruit Moth), Oblique Banded Leaf Roller, Navel Orangeworm, Peach Twig Borer, Pecan Nut Casebearer, Pickleworm, Plantbugs (including Tarnished, and Mullein Plant Bug), Psyllids, European Apple Sawfly, Scale (including Asian Cycad Scale, Caribbean Black Scale, California Red Scale, Citricola Scale, Cottony Maple Scale, Euonymus Scale, Fletcher Scale, Florida Wax Scale, Green Shield Scale, Indian Wax Scale, Oyster Shell Scale, Pine Needle Scale, Red Scale, San Jose Scale and Tea Scale), Spanworm, Spittlebug, Squash Bug, Squash Vine Borer, Stinkbug, Strawberry Rootworm, Thrips (including Citrus, Cotton, Palm, and Western Flower), Walnut Husk Fly, Weevils (including Pecan Weevil, Pepper Weevil and Strawberry Weevil), Whiteflies (including Greenhouse, Sweet Potato, Silverleaf, Banded and Giant)</p>

**ON
THESE
PLANTS**

Vegetables: Amaranth, Arrugula, Broccoli, Brussels Sprouts, Cabbage, Cardoon, Cauliflower, Celery, Celtuce, Chervill, Chrysanthemum (edible leaved, garland), Collards, Corn Salad, Cress (garden, upland), Dandelion, Dock, Eggplant, Endive, Florence Fennel, Groundcherry, Kale, Kohlrabi, Lettuce (head, leaf), Mizuna, Mustard Greens, Mustard Spinach, Orach, Parsley, Pepino, Pepper (bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), Purslane (garden, winter), Radicchio, Rape Greens, Rhubarb, Spinach (leaf, vine, New Zealand), Swiss Chard, Tomatillo, Tomato

Citrus Fruits: Calamondin, Citrus hybrids (chironja, tangelo, tangor), Grapefruit, Kumquat, Lemon, Lime, Mandarin (tangerine), Orange (sour, sweet), Pummelo, Satsuma mandarin

Pome Fruits: Apple, Crabapple, Loquat, Mayhaw, Pear, Quince

Grapes and Other Climbing Vine Small Fruit (except fuzzy kiwifruit): Gooseberry, Hardy Kiwifruit, Amur River Grape, Maypop, Schisandra Berry

Tuberous and Corm Vegetables: Potato, Sweet Potato, Arracacha, Arrowroot, Artichoke (Chinese and Jerusalem), Edible Canna, Cassava (Bitter and Sweet), Chayote (Root), Chufa, Sasheen, Ginger, Leren, Tanier, Tumeric, Yam Bean, True Yam.

Stone Fruit: Apricot, Cherry (Sweet and Tart), Nectarine, Peach, Plum (Chickasaw, Damson, Japanese), Plumcot, Prune (Fresh)

Cucurbits: Chayote (fruit), Chinese waxgourd (Chinese preserving melon), Citron melon, Cucumber, Gherkin, Gourd (edible), *Mormordica* spp., Muskmelon (hybrid and/or cultivars of *Cucumis melo* including true cantaloupe, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon)), Pumpkin, Squash (summer and winter), Watermelon

Tree Nuts: Almond, Beech nut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (hazelnut), Hickory nut, Macadamia (bush nut), Pecan, Pistachio, Walnut (black and English (Persian))

Edible Podded Legume Vegetables and Succulent Shelled Peas and Beans: Bean (*Phaseolus* spp.) (includes runner bean, snap bean, wax bean, lima bean(green)); Bean (*Vigna* spp.) (includes asparagus bean, Chinese longbean, moth bean, yardlong bean, blackeyed pea, cowpea, southern pea); Jackbean; Broad Bean (succulent); Pea (*Pisum* spp.) (includes dwarf pea, edible-pod pea, snow pea, sugar snap pea, English pea, garden pea, green pea); Soybean (immature seed); Sword Bean; and Pigeon Pea

Strawberries and Other Low Growing Berries: Bearberry; Bilberry; Lowbush Blueberry; Cloudberry; Cranberry; Lingonberry; Muntries; Partridgeberry; and cultivars, varieties, and/or hybrids of these

Blueberries and Other Bush and Cane Berries: Aronia berry; blueberry, highbush and lowbush; buffalo currant; Chilean guava; currant, red and black; elderberry; European barberry; gooseberry; cranberry, highbush; edible honeysuckle; huckleberry; jostaberry; Juneberry; lingonberry; natie currant; salal; sea buckthorn; and cultivars, varieties, and/or hybrids of these; and, Blackberry, Loganberry, Raspberry (black and red), wild raspberry, and cultivars, varieties, and/or hybrids of these

Onions and Other Bulb Vegetables: Chives, fresh leaves; Chinese chives, fresh leaves; daylily bulbs, Elegans hosta, Fritillaria leaves and bulbs; bulb garlic; great headed bulb garlic, serpent bulb garlic; kurrat; lady's leek; leek; wild leek; lily bulb; Beltsville bunching onion; bulb onion; Chinese bulb onion; fresh onion; green onion; macrostem onion; pearl onion; potato bulb onion; treetops onion; Welsh onion tops;

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 EPA Reg. No. 8033-107 (Notification 5-18-10)

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	shallot bulb and fresh leaves; and cultivars, varieties, and/or hybrids of these		
USE THIS AMOUNT	1.5 oz. per gallon Ortho® Dial 'N Spray® setting is 1.5 oz.		
WHEN TO APPLY	Apply as soon as insect problems are noticed.		
	DAYS TO WAIT TO HARVEST	DAYS TO WAIT BEFORE REAPPLICATION	MAXIMUM NUMBER OF APPLICATIONS PER SEASON
Amaranth, Arrugula, Broccoli, Brussels Sprouts, Cabbage, Cardoon, Cauliflower, Celery, Celtuce, Chervill, Chrysanthemum (edible leaved, garland), Collards, Corn Salad, Cress (garden, upland), Dandelion, Dock, Eggplant, Endive, Florence Fennel, Groundcherry, Kale, Kohlrabi, Lettuce (head, leaf), Mizuna, Mustard Greens, Mustard Spinach, Orach, Parsley, Pepino, Pepper (bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), Purslane (garden, winter), Radicchio, Rape Greens, Rhubarb, Spinach (leaf, vine, New Zealand), Swiss Chard, Tomatillo, Tomato, Potato, Sweet Potato, Arracacha, Arrowroot, Artichoke (Chinese and Jerusalem), Edible Canna, Cassava (Bitter and Sweet), Chayote (Root), Chufa, Sasheen, Ginger, Leren, Tanier, Tumeric, Yam Bean, True Yam, Chives, fresh leaves; Chinese chives, fresh leaves; daylily bulbs, Elegans hosta, Fritillaria leaves and bulbs; bulb garlic; great headed bulb garlic, serpent bulb garlic; kurrat; lady's leek; leek; wild leek; lily bulb; Beltsville bunching onion; bulb onion; Chinese bulb onion; fresh onion; green onion; macrostem onion; pearl onion; potato bulb onion; treetops	7	7	4

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onion; Welsh onion tops; shallot bulb and fresh leaves; and cultivars, varieties, and/or hybrids of these			
Calamondin, Citrus hybrids (chironja, tangelo, tangor), Grapefruit, Kumquat, Lemon, Lime, Mandarin (tangerine), Orange (sour, sweet), Pummelo, Satsuma mandarin	7	7	5
Pome Fruits Apple, Crabapple, Loquat, Mayhaw, Pear, Quince	7	12	4
Grapes and other climbing vine small fruits (except fuzzy kiwifruit) : Amur river grape; gooseberry, hardy kiwifruit, Maypop, schisandra berry, and cultivars, varieties, and/or hybrids of these	7	14	2
Stone Fruit: Apricot, Cherry (Sweet and Tart), Nectarine, Peach, Plum (Chickasaw, Damson, Japanese), Plumcot, Prune (Fresh)	7	10	4
Cucurbits: Chayote (fruit), Chinese waxgourd (Chinese preserving melon), Citron melon, Cucumber, Gherkin, Gourd (edible), <i>Mormordica</i> spp., Muskmelon (hybrid and/or cultivars of <i>Cucumis melo</i> including true cantaloupe, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon)), Pumpkin, Squash (summer and winter), Watermelon	0	5	5
Tree Nuts: Almond, Beech nut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (hazelnut), Hickory nut, Macadamia (bush nut), Pecan, Pistachio, Walnut (black and English (Persian))	14	14	4
Edible Podded Legume Vegetables and Succulent	7	7	3

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 EPA Reg. No. 8033-107 (Notification 5-18-10)

<p>Shelled Peas and Beans: Bean (<i>Phaseolus</i> spp.) (includes runner bean, snap bean, wax bean, lima bean(green)); Bean (<i>Vigna</i> spp.) (includes asparagus bean, Chinese longbean, moth bean, yardlong bean, blackeyed pea, cowpea, southern pea); Jackbean; Broad Bean (succulent); Pea (<i>Pisum</i> spp.) (includes dwarf pea, edible-pod pea, snow pea, sugar snap pea, English pea, garden pea, green pea); Soybean (immature seed); Sword Bean; and Pigeon Pea</p>			
<p>Strawberries and Other Low Growing Berries: Bearberry; Bilberry; Lowbush Blueberry; Cloudberry; Cranberry; Lingonberry; Muntries; Partridgeberry; and cultivars, varieties, and/or hybrids of these</p>	1	7	2
<p>Blueberries and Other Bush and Cane Berries: Aronia berry; blueberry, highbush and lowbush; buffalo currant; Chilean guava; currant, red and black; elderberry; European barberry; gooseberry; cranberry, highbush; edible honeysuckle; huckleberry; jostaberry; Juneberry; lingonberry; natie currant; salal; sea buckthorn; and cultivars, varieties, and/or hybrids of these; and, Blackberry, Loganberry, Raspberry (black and red), wild raspberry, and cultivars, varieties, and/or hybrids of these</p>	1	7	5

Options for "Directions for use" based on packaging

<p>HOW TO APPLY</p>	<p>Ready-To-Spray Hose End Applicator</p> <p>Shake container gently before using.</p> <p>Connect: [illustration]</p> <ul style="list-style-type: none"> ▪ Connect/Attach Sprayer/bottle to end of hose ▪ Turn on water <p>Spray: [illustration]</p> <ul style="list-style-type: none"> ▪ Hold/Direct/Point sprayer towards the area to be treated making sure that the end of the nozzle is 8 to 12 inches away from the plants. ▪ Turn the sprayer to the on position ▪ Direct spray toward the upper and lower leaf surfaces and stems where pests appear. ▪ Spray until the surface of the foliage is wet. <p>Finish: [illustration]</p> <ul style="list-style-type: none"> ▪ To stop spraying, turn the knob to the OFF position. ▪ Turn off water. ▪ To relieve water pressure, turn knob to ON position until water slows to a drip. Turn the knob back to the OFF position. ▪ Disconnect the sprayer from hose. <p>Do not use hose end applicator indoors</p>
<p>HOW TO APPLY</p>	<p>Ready-To-Spray Hose End Applicator</p> <p>Shake container gently before using.</p> <p>Connect: [illustration]</p> <ul style="list-style-type: none"> ▪ Connect/Attach Sprayer/bottle to end of hose ▪ Turn on water <p>Spray: [illustration]</p> <ul style="list-style-type: none"> ▪ To begin spraying, [disengage safety lock and] point nozzle in the direction you want to spray making sure that the end of the nozzle is 8 to 12 inches away from the plants. ▪ Slide thumb activation switch forward to ON position. ▪ Direct spray toward the upper and lower leaf surfaces and stems where pests appear. ▪ Spray until the surface of the foliage is wet. <p>Finish: [illustration]</p> <ul style="list-style-type: none"> ▪ To STOP spraying, slide thumb activation switch backward to OFF position. ▪ Turn off water. ▪ Relieve water pressure by sliding thumb switch to ON [WATER] [WATER ONLY] position until water slows to a drip. Then, slide switch back to OFF position [and engage safety lock]. ▪ Disconnect the sprayer from hose. <p>Do not use hose end applicator indoors</p>

HOW TO APPLY	<p>Tank Sprayer</p> <p>Shake container gently before using.</p> <ul style="list-style-type: none"> ▪ Mix 1.5 oz of product per gallon of water. ▪ Hold sprayer 8 to 12 inches from the area to be treated. ▪ Direct spray toward the upper and lower leaf surfaces and stems where the pests appear. <p>Spray only until the surface of the foliage is wet.</p>
HOW TO APPLY	<p>Ortho® Dial 'N Spray® Applicator</p> <p>Shake container gently before using.</p> <ul style="list-style-type: none"> ▪ Set dial to 1.5 fl oz. ▪ Pour product into jar to full or one-half full ▪ DO NOT add water. ▪ Attach hose to the sprayer. ▪ Hold sprayer 8 to 12 inches from the area to be treated. ▪ Direct spray toward the upper and lower leaf surfaces and stems where the pests appear. ▪ Spray only until the surface of the foliage is wet. ▪ Pour unused product back into its original container. <p>Do not use Ortho® Dial 'N Spray® Applicator indoors</p>

HOUSEPLANTS [for use only with the Tank Sprayer packaging option]	
TO KILL THESE INSECTS	<p>Aphids (including Green Peach, Rose, Wooly Melon, Black Melon, and Cotton) Army Worms (including Fall Army Worm and Southern Army Worm) Caterpillars (including Red Humped Caterpillar, Tomato Fruitworm and Cabbage Looper) Flea Hopper, Fruit Fly (including Cherry, Black Cherry and Western Cherry) Leafhoppers (including Glassy Wing Sharpshooter and Potato Leaf Hopper) Leaf Miners (including Chrysanthemum, Citrus and Tentiform) Mealybugs (including Citrus, Grape, Obscure Grape, Obscure Longtail, Pink Hybiscus and Maderia) Moths (including Codling, Diamondback Moth, Gypsy Moths and Oriental Fruit Moth) Plantbugs (including Tarnished and Mullein Plant Bug) Psyllids, Swede Midge, Thrips (including Onion, Citrus, Cotton, Palm and Western Flower) Weevils (including Pecan Weevil, Pepper Weevil and Strawberry Weevil) Whiteflies (including Greenhouse, Sweet Potato, Silverleaf, Banded and Giant)</p>
ON THESE PLANTS	Houseplants
USE THIS AMOUNT	1.5 oz of product per gallon of water
WHEN TO APPLY	Apply as soon as insect problems are noticed. Wait 1 to 4 weeks to re-apply if insect problems reappear. Do not apply more than 5 times in a season.

HOW TO APPLY	Tank Sprayer Shake container gently before using. <ul style="list-style-type: none">▪ Mix 1.5 oz of product per gallon of water.▪ Hold sprayer 8 to 12 inches from the area to be treated.▪ Direct spray toward the upper and lower leaf surfaces and stems where the pests appear. Spray only until the surface of the foliage is wet.
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STORAGE AND DISPOSAL

STORAGE: Keep from freezing. Keep pesticide in original container. Do not put into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place; preferably in a locked storage area.

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.

[phone icon]

Questions, Comments or Medical Information?
¿Preguntas, Comentarios o Información Médica?
1-800-XXX-XXXX

www.ortho.com *[computer icon]*

The ORTHO Guarantee

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

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Made in USA

Nippon Soda Co., Ltd.
2-1,2-Chome Ohtemachi
Chiyoda-ku, Tokyo 100-8165
Japan

[Sold By: The Ortho Group
P.O. Box 190 Marysville, OH 43040]
EPA Reg. No. 8033-107
EPA Est. 239-IA-3^l, 52251-OR-005^k, 58996-MO-1^A (*Superscript is first letter of lot number*)

Batch No. _____

Additional Marketing Claims

PRODUCT FACTS	
KILLS INSECTS	Aphids, Caterpillars, Japanese Beetles, Leafhoppers, Leafminers, Mealybugs, Psyllids, Scales, Thrips, Whiteflies and other garden pests
WHERE TO USE	On roses, flowers, shrubs, listed fruits and vegetables, and houseplants

Efficacy

- 1) Bug spray concentrate [for your plants]
- 2) Kills a wide range of listed insect/bugs/pests
- 3) Kills [1,2,3... 133] listed [garden/landscape] bugs/insects
- 4) Kills 133 listed [garden/landscape] bugs/insects
- 5) Kills 100+ listed insect/bugs [fast/through contact]
- 6) Kills over 100 insects/Bugs [fast/through contact]
- 7) New! (***to be used for six months from date of initial distribution***)
- 8) Systemic Insect Killer
- 9) Dual Action: Contact + Systemic Insect Killer
- 10) Dual Action [Insect Killer] /[Bug Spray]
- 11) Complete Insect Protection for Roses & Flowers
- 12) 2 in 1 [Insect Killer] / [Bug Spray]
- 13) Kills/Controls/Destroys listed Insects
- 14) Defends/Shields/Guards/Safeguards/Protects the entire plant from sucking insects
- 15) Keeps listed bugs away for weeks
- 16) Kills all major [landscape/ornamental/garden] listed insects/pests/bugs, like Aphids, [Whiteflies],[Japanese Beetles] [& Caterpillars].
- 17) Kills listed insects [through contact]/[quickly]/[fast]
- 18) Defends/Shields/Guards/Safeguards/Protects/Prevents [against] listed [new] bug/insect attacks/invasions
- 19) Kills listed insects/pests/bugs and prevents [them from coming back] /[new infestations]
- 20) Systemic and contact [bug killer]/insecticide
- 21) Systemic – works from inside the plant to kill listed tough bugs/pests/insects
- 22) Defend(s)/Shield(s)/Guard(s)/Safeguard(s)/Protect(s)/Prevent(s) your landscape/garden/roses/fruits/vegetables/from invading listed insects
- 23) Kills & Prevents [1,2,3... 133] listed [landscape/ornamental/garden] insects
- 24) Won't Harm Plants or Blooms
- 25) Guaranteed Results*
- 26) Improved/better [insect/pest] control [killing power]
- 27) Kills/Controls listed insects/bugs/pests
- 28) Effective
- 29) Kills/Controls listed insects/bugs/pests
- 30) Longer Lasting [Control/Defense/Protection]

* The ORTHO Guarantee

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

Speed

- 1) Kills listed insects in 24 hours
- 2) Rapid action and long lasting* *up to 4 weeks
- 3) Fast acting [formula]
- 4) Fast acting plus long lasting [protection/control/killing power]

Residual

- 1) Controls listed bugs for up to 4 weeks
- 2) Kills existing listed pests and [prevents new attacks for [up to 4] weeks]/[keeps killing for [up to 4] weeks]
- 3) Kills listed bugs for up to 4 weeks
- 4) Long lasting [Control/Defense/Shield/Protection] [for your landscape/garden/roses/fruits/vegetables/flowers]
- 5) Long lasting [bug/pest/insect control for]/[defense of] your Roses & Flowers
- 6) Long lasting kill of listed damaging insects/bugs
- 7) Guard/Protect/Defend your roses/plants/ornamentals for [up to 4] weeks
- 8) Guards/Defends/Shields/Safeguards/Protects/[Prevents attacks against] roses & flowers [from listed bugs] for [up to [4]] weeks

Usage

- 1) Can be used on roses, flowers and ornamental plants [inside and outside]
- 2) Can be used [in/on/around] gardens and landscapes
- 3) Can be used on houseplants
- 4) Formulated for home/residential use
- 5) Formulated for [use in/on/around] gardens and landscapes
- 6) Formulated for [use in/on/around] landscaped areas
- 7) Formulated for [use on] Roses [& Flowers]

Applicator Claims:

- 1) Ready to Spray Hose-end applicator
- 2) Low pressure shower applicator- won't harm plants [or blooms]
- 3) Low pressure shower applicator- won't damage plants [or blooms]
- 4) One-handed operation
- 5) Ergonomic [design]
- 6) Ready-Spray® [Ready-to-Spray] [Applicator Name]
- 7) [Simply] attach to [garden] hose and spray [go]
- 8) No mixing required (*claim for use with hose-end sprayers that automatically mix*)
- 9) Low pressure shower [applicator] [spray pattern]
- 10) Broadcast [applicator] [spray pattern]
- 11) Easy [to use]
- 12) Simple [and easy] [to use]
- 13) Convenient
- 14) Economical – use to cover large areas
- 15) Easily cover large areas
- 16) Hand doesn't get wet [Hand stays dry]
- 17) Easy grip [control]
- 18) Includes water [only] setting [option]

Plants & Vegetables

- 1) Guards/Defends/Shields/Safeguards/Protects/[Prevents attacks against] flowers and edibles [from listed bugs] for [up to [4]] weeks
- 2) Guards/Defends/Shields/Safeguards/Protects/[Prevents attacks against] fruit and vegetables [from listed bugs] for [up to [4]] weeks
- 3) Guards/Defends/Shields/Safeguards/Protects/[Prevents attacks against] gardens and landscapes [from listed bugs] for [up to [4]] weeks
- 4) Formulated for [use on] Vegetables/Edibles/[Edible plants]
- 5) Can be used [in/on/around] Vegetables/[&] Edibles/[&] Edible plants
- 6) [Miracle-Gro] Recommended/Endorsed [by Miracle-Gro] to help grow big, beautiful plants.
- 7) [Miracle-Gro] Recommended/Endorsed [by Miracle-Gro] to help grow plants twice as big.
- 8) [Miracle-Gro] Recommended/Endorsed [by Miracle-Gro] to help grow big, beautiful flowers, fruits & vegetables.

Houseplants

- 1) Controls/Kills/Destroys listed bugs/insects/pests that attack indoor and/& outdoor plants
- 2) Guard/Defends/Shields/Safeguards/Protects your Indoor and/& Outdoor Plants from listed bugs/insects/pests
- 3) Guard/Defends/Shields/Safeguards/Protects Houseplants from listed Insects/Pests/Bugs
- 4) Non-staining