

8033-107

03/10/2010

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:
8033-107

Date of Issuance:
MAR 10 2010

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:
Unconditional

Name of Pesticide Product:
Acetamiprid Concentrate
Insecticide

Name and Address of Registrant (include ZIP Code):

Nippon Soda Co., Ltd.
c/o Nisso America Inc.
45 Broadway, Suite 2120
New York, NY 10006

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 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 section 3(c)(5), provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

Continued on page 2

Signature of Approving Official:

Venus Eagle, Product Manager 01
Insecticide-Rodenticide Branch, Registration Division (7505P)

Date:

MAR 10 2010

3. Make the following label changes before you release the product for shipment:
- a. Revise the EPA Reg. No. so it reads, "EPA Reg. No. 8033-107."
 - b. On page 13, under the efficacy marketing claims, qualify claims 3, 4, 5, 15, 16, 18, 21, 22, and 23 with the word "listed," so it is clear that only insects listed on the label are covered by the claims.
 - c. On page 13, under the efficacy marketing claims, delete "[with][up to] 90% less chemicals/90% less active ingredient" from claims 26, 27, 28, 29, and 30. Statements claiming less active ingredient as compared to other products are considered implied safety claims, and are not permissible.
 - d. On page 14, under the speed marketing claims, qualify claim 1 with the word "listed," so it is clear that only insects listed on the label are covered by the claim.
 - e. On page 14, under the residual marketing claims, qualify claims 1, 2, 3, 6, and 8 with the word "listed," so it is clear that only insects listed on the label are covered by the claims.
 - f. On page 14, under the applicator claims, delete the word "gentle" from claims 2, 3, and 9. The word "gentle" may be construed as an implied safety claim. Alternatively, you may substitute "low-pressure" for "gentle."
 - g. On page 15, under the plants and vegetables claims, qualify claims 1, 2, and 3 with the word "listed," so it is clear that only insects listed on the label are covered by the claims.
 - h. On page 15, under the houseplants claims, qualify claims 1, 2, and 3 with the word "listed," so it is clear that only insects listed on the label are covered by the claims.
 - i. Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself. This information can be added by non-notification per PR Notice 98-10.
 - j. Please note that, should you wish to add/retain a reference to the company's website (i.e., www.ortho.com) on your label, the website then becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

4. For future submissions, make the following changes to your Confidential Statement of Formulation (EPA Form 8570-4):

- a. Box 4: Revise the EPA Reg. No. so it reads, "EPA Reg. No. 8033-107."

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 constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. If you have any questions, please contact Julie Chao at 703-308-8735 or chao.julie@epa.gov.

Venus Eagle, Product Manager 01
Insecticide-Rodenticide Branch
Registration Division (7505P)

Enclosure

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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-RNT (version 3-5-10)

Acetamiprid Concentrate Insecticide

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

**ACCEPTED
With COMMENTS
In EPA Letter Dated:**

MAR 10 2010

**Under the Federal Insecticide, Fungicide
and Rodenticide Act, As amended, for the
pesticide Registered under EPA Reg. No:**

8033-107

[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]

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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.

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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, Woolly, 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 Hibiscus, 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.

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Options for "Directions for use" based on packaging

HOW TO APPLY	<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>
HOW TO APPLY	<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 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>

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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. Do not use Ortho® Dial 'N Spray® Applicator indoors</p>

EDIBLES	
TO KILL THESE INSECTS	<p>Aphids (including Green Peach, Wooly, 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>

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ON THESE PLANTS	<p>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</p> <p>Citrus Fruits: Calamondin, Citrus hybrids (chironja, tangelo, tangor), Grapefruit, Kumquat, Lemon, Lime, Mandarin (tangerine), Orange (sour, sweet), Pummelo, Satsuma mandarin</p> <p>Pome Fruits: Apple, Crabapple, Loquat, Mayhaw, Pear, Quince</p> <p>Grapes and Other Climbing Vine Small Fruit (except fuzzy kiwifruit): Gooseberry, Hardy Kiwifruit, Amur River Grape, Maypop, Schisandra Berry</p> <p>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.</p> <p>Stone Fruit: Apricot, Cherry (Sweet and Tart), Nectarine, Peach, Plum (Chickasaw, Damson, Japanese), Plumcot, Prune (Fresh)</p> <p>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</p> <p>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))</p> <p>Edible Podded Legume Vegetables and Succulent 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> <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> <p>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;</p>
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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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<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

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<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>

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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 Hibiscus 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.

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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>
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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 are not satisfied with this product, mail us 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-pending
EPA Est. 239-1A-3^l, 52251-OR-005^K, 58996-MO-1^A (*Superscript is first letter of lot number*)]

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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] [garden/landscape] bugs/insects
- 4) Kills 133 [garden/landscape] bugs/insects
- 5) Kills 100+ 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 bugs away for weeks
- 16) Kills all major [landscape/ornamental/garden] 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] [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 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 insects
- 23) Kills & Prevents [1,2,3...133] [landscape/ornamental/garden] insects
- 24) Won't Harm Plants or Blooms
- 25) Guaranteed Results*
- 26) Improved/better [insect/pest] control [killing power] [with] [up to] 90% less chemicals/90% less active ingredient*
- 27) Kills/Controls listed insects/bugs/pests [with] [up to] 90% less chemicals/90% less active ingredient]**
- 28) Effective [with] [up to] 90% less chemicals/90% less active ingredient]*
- 29) Kills/Controls listed insects/bugs/pests [with] [up to] 90% less chemicals/90% less active ingredient]**
- 30) Longer Lasting [Control/Defense/Protection] [with] [up to] 90% less chemicals/90% less active ingredient]**

* 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.

**versus Ortho Systemic Insect Killer (formerly known as Isotox) (8.0% Acephate + 0.5% Fenbutatin-oxide)

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Speed

- 1) Kills many 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 bugs for up to 4 weeks
- 2) Kills existing pests and [prevents new attacks for [up to 4] weeks]/[keeps killing for [up to 4] weeks]
- 3) Kills 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 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 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) Gentle shower applicator- won't harm plants [or blooms]
- 3) Gentle 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) Gentle 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]

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Plants & Vegetables

- 1) Guards/Defends/Shields/Safeguards/Protects/[Prevents attacks against] flowers and edibles [from bugs] for [up to [4]] weeks
- 2) Guards/Defends/Shields/Safeguards/Protects/[Prevents attacks against] fruit and vegetables [from bugs] for [up to [4]] weeks
- 3) Guards/Defends/Shields/Safeguards/Protects/[Prevents attacks against] gardens and landscapes [from 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 bugs/insects/pests that attack indoor and/& outdoor plants
- 2) Guard/Defends/Shields/Safeguards/Protects your Indoor and/& Outdoor Plants from bugs/insects/pests
- 3) Guard/Defends/Shields/Safeguards/Protects Houseplants from Insects/Pests/Bugs
- 4) Non-staining