Fruit Tree & Plant Guard



Ready to

Controls both insects and listed diseases

on fruit, nut and ornamental trees. shrubs and flowers

ACTIVE INGREDIENTS:

Lambda-cyhalothrin . . Pyraclostrobin

Pyracostrolm 3.000% Boscalid 5.622% OTHER INGREDIENTS: 99.818% TOTAL 100.000% This product contains 0.487 lb. boscalid, 0.265 lb. pyraclostrobin and 0.043 lb. lambda-cyhalothrin per gallon EPA est. No. 4-NY-1 EPA Reg. No. 4-488

Keep Out Of Reach Of Children
CAUTION See back panel for additional
Precautionary Statements and First Aid)

Intended for residential use only



Fruit Tree & Plant Guard Ready to Spray

- √Controls both listed insects and listed diseases on fruit, nut and ornamental trees, shrubs & flowers
- ✓ Controls aphids, Japanese beetles, plum curculio, leafhopper, and other listed insects and diseases, such as powdery mildew, apple scab, flyspeck, and other listed diseases
- ✓ Controls a wide range of listed fungal disease and insect pests
- ✓ Controls insects and diseases on listed fruit and nut trees
- ✓ Excellent multi-purpose performance for the hobby home orchardist

Store and transport in an upright position. Buyers Guarantee Limited to Label Claims.

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Distributed by:

Bonide Products,LLC

6301 Sutliff Road Oriskany, NY 13424

READ THE ENTIRE LABEL BEFORE USE

DIRECTIONS FOR USE

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

Do not allow children or pets into the treated area until dry.

In New York State, this product may not be applied to lawns within 100 ft. of a coastal marsh, or stream that drains directly into a coastal marsh.

This product is a complete ready-to-spray product containing Insecticide, Fungicide, Miticide, Aphicide and Scalicide. Designed especially for home orchards to protect Apples, Apricots, Cherries, Nectarines, Peaches, Pears, Plums, Almonds, Pecans, Walnuts and other listed Fruits and Nuts from the ravages of listed insects and diseases.

SHAKE THIS PRODUCT THOROUGHLY BEFORE USE.

This product may settle when stored and will require agitation (shaking) to re-suspend. Choose a cool, calm period to apply product, preferably early morning or evening, when trees will not be subjected to hot direct sunlight. Do not apply if rain is expected before the product has a chance to dry on the leaf surfaces. When active disease spores are present (warm humid days), shorten the spray intervals to 7-10 days. Apply spray to the leaves, fruit branches, trunk and base of tree for complete coverage (to the point of runoff). When applying, shake sprayer occasionally or agitate to keep spray solution well mixed. Carefully read and follow the spray schedule.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

Resistance Management: Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, use of this product should conform to resistance management strategies established for the use area. For recommendations on plant care and maintenance, including identification of insect or disease infestation, contact your regional agricultural extension service.

TWIST & SHOOT™ READY-TO-SPRAY INSTRUCTIONS

1) Make sure control knob is in "OFF" position, then connect to garden hose.
2) Turn water on at faucet. When spraying low growing plants and small shrubs, twist the control knob right, to the "FAN" position. When spraying taller trees, shrubs and other plants, twist the control knob left to the "STREAM" position for extended reach and more uniform coverage. The product mixes

automatically with the water as you spray.

3) To stop spraying, turn the control knob lever to the "OFF" position. Turn off

water at the faucet and disconnect sprayer from garden hose.

Apply thoroughly as a foliar cover spray to both sides of plant leaves and all plant surfaces where insects or disease are present. For best results, apply when insects or disease first appear or damage occurs. See Table 1- for crops, pre-harvest interval (PHI), insects and diseases controlled.

Table 1

1 PT (16 fl. oz.) covers up to 12,000 sq. ft. Do not exceed 2 fl. oz. of this product per 1,500 sq. ft.

Pome Fruits	PHI	Insects Controlled
Apple,	Do not	Apple Aphid, Apple Maggot (Adult), Cherry Fruit
Crabapple,		Fly spp. (Adult), Codling Moth, Green Fruitworm,
Loquat,		Japanese Beetle, Leafhopper spp., Leafroller spp.,
Mayhaw,		Lesser Appleworm, Omnivorous leafroller, Orange
		Tortrix, Oriental Fruit Moth, Pear Psylla spp., Pear
Pear, Quince		Sawfly, Periodical Cicada, Plant Bug spp., Plum
		Curculio, Rosy Apple Aphid, San Jose Scale (fruit
		infestations only), Spirea Aphid spp., Stink Bug spp.,

Tent Caterpillar spp., Tentiform Leaf Miner spp. Tree Borer spp. Tufted Apple Budworm, Webworm spp.

Pome Fruits	PHI	Diseases Controlled
Continued Do not make more than 4 applications per year	Continued	Alternaria blotch, Apple scab, Bitter rot, Black rotl/Frogeye leaf spot, Brooks spot, Flyspeck, Pear scab, Powdery mildew, Sooty blotch, White rot Suppression Only: Cedar apple rust and
you		Quince rust
Stone Fruits	PHI	Insects Controlled
Apricot, Cherry (sweet & tart) Nectarine Peach, Plum Plumcot, Prune Do not make more than 5 applications per	Do not apply within 14 days of harvest	American Plum Borer, Apple Maggot (Adult), Black Cherry Aphid, Cherry Fruit Fly spp, (Adult), Codling Moth, Green Fruitworm, Japanese Beetle, June Beetle, Leafhopper spp., Leafroller spp., Oriental Fruit Moth, Peach Twig Borer, Peachtree Borer spp., Pear Sawfly, Periodical Cicada, Plant Bug spp., Flum Curculio, Rose Chafer, Stink Bug spp., Tent Caterpillar spp., Thrips spp.
year		Diseases Controlled
		Alternaria leaf spot, Anthracnose, Blossom blight, Brown rot, Leaf spot, Powdery mildew, Ripe fruit rot, Rust, Scab, Shothole For Nectarine & Peach, Suppression only for Leaf Curl

Tree Nuts	PHI		insects Controlled		
Almond, Beech Nut, Brazil Nut, Butternut Cashew, Chestnut Chinquapin, Filbert (Hazelnut), Hickory Macadamia Nut,	Do not apply within 25 days of harvest on Almonds	Filbert Leafro Peach Stink E Husk F	Chinch Bug, Codling Moth, worm, Leaffooted Bug, Iller spp., Navel Orangeworm, Twig Borer, Plant Bug spp., sug spp. Walnut Aphid, Walnut Tly spp. (Adult)		
Pecan, Walnut (Black and English)	within 14 days of harvest on	ı	Diseases Controlled		
Do not make more than 4 applications per year	all other listed nuts	Blosso Leaf ru	Iternaria leaf spot, Anthracnose, lossom blight, Eastern filbert bligh eaf rust, Scab, Green fruit rot, hothole		
Fruit Tree Stages and Spray Schedule					
Dormant: Absence of growth in late fawinter and early spring.			Ideal time to apply Bonide All Seasons Horticultural and Dormant Spray Oil for control of listed over-wintering insects.		

Incaste Controlled

DIII

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winter and early spring.

All Dormant Spray Oil for control fisted over-wintering insects.

Green Tip Stage: When branch tips show new, green tissue.

Pre-Bloom/Pink Bud Stage: When blossom buds show full color before opening.

First application can be made anytime in this period of growth

Fruit Tree Stages and Spray Schedule Continued			
Bloom Stage: When blossoms are open.	To protect pollinating insects, such as bees, do not spray during this period.		
Petal Fall Stage: When the last of petals have fallen from the blossoms (when bees are gone).	Second application can be made.		
Fruit Set: Fruit is established and clearly visible	Third and subsequent applications can be made every 10 – 14 days, up to cut-off date listed in Table 1 for PHI (Pre Harvest Interval).		

Apply thoroughly as a foliar cover spray to both sides of plant leaves and all plant surfaces where insects or disease are present. For best results, apply early - prior to high insect or disease infestations. See Table 2-Ornamental Trees.shrubs & Flowers Pest Control for insects/ diseases controlled

Table 2. Ornamental Trees, Shrubs & Flowers Pest Control 1 PT (16 fl. oz.) covers up to 12,000 sq. ft. Do not exceed 2 fl. oz. of this product per 1,500 sq. ft. Application to impatiens and petunia during flowering may cause discoloration. Do not apply to the following species or varieties: ninebark, wintercreeper or grapes (Concord, Worden, Fredonia, Niagara or related varieties).

Use Site	Insects Controlled
Ornamental Trees, Shrubs & Flowers including (but not limited to): Ageratum, Ash, Aster, Arborvitae, Arizona Cypress, Azaleas, Begonia, Birch, Boxwood, Box Elder, Camellias, Cherry (ornamental), Non-bearing Citrus, Chrysanthemum, Carnation, Coleus, Conifers, Douglas Fir, Elm, English lvy, Euonymus, Exacum, Weeping Fig, Fir, Gladioli, Gold Bells, Hawthorn, Holly, Honeysuckle, Hypoestes, Impatiens (may cause discoloration during flowering),	Ants*, Armyworms, Aphids, Azalea caterpillar, Bagworms, Black vine weevi (adult), Boxelder bugs, Budworms, Cankerworms, Cockroaches, Crickets, Cutworms, Eastern tent caterpillar, Elm leaf beetles, European sawfly, Fall webworm, Flea beetles, Forest tent caterpillar, Gypsy moth larvae, Japanese beetle (adults), June beetles (adults), Lace bugs, Leaf feeding caterpillars, Leafhoppers, Leafminers (adult), Leaf rollers, Leaf skeletonizers, Midges, Oleander moth larvae, Pillbugs, Pine sawfly, Pine shoot beetles, Pinetip moths, Plant bugs, Root weevil, Sawfly, Scale insects (crawlers), Spidlers, Spittlebugs, Striped beetles, Striped oakworm, Thrips, Tip moth, Tussock moth larvae Broadmites, Brown soft scale, California red scale (crawler), Clover mites, Mealybugs, Pineneedle scale (crawler), Spider mites, Whiteflies

Locust, Maple, Marigold, Mimosa, Mock Orange,	Harvester, Honey, Pavement, Southern, Sugar, Nuisance.
Nannyberry, '	Diseases Controlled
Oak, Drchid, Palm, Pansy, Pea Shrub, Petunia, Philodendron, Pine, Ornamental Plum, Poinsettia, Poplar, Rhododendron, Roses, Snapdragon, Snowberry, Spruce, Taxus, Willow, Zinnia.	Anthracnose (Colletotrichum spp.), Blossom Blight (Monilinia spp.), Crown & Basal Rots (Cylindrocladium spp., Fusarium spp., Rhizoctonia solani, Sclerotinia spp.), Downy Mildew (Peronospora spp., Plasmopara spp., including Plasmopara obducens), Leaf Spots (Alternaria spp., Blumeriella spp., Cercospora spp., Helminthosporium spp., Mycosphaerella spp., Myrothecium spp., Phoma spp., Phomopsis spp., Phyllosticta spp., Sphaceloma spp., Wilsonomyces spp.), Phytophthora blight (Phytophthora spp.), Powdery Mildews (Erysiphe sp., Oidium sp., Podosphaera sp., Sphaerotheca sp., Uncinula sp.), Botrytis Rot (Botryosphaeria spp., Botrytis spp., Coniothyrium spp., Exobasidium spp.), Rust (Puccinia spp., Uromyces spp., Coleosporium spp., Gymnosporangium spp.),
	Scab (Venturia spp., Cladosporium spp.).

Insects Controlled
*Argentine, Allegheny mound, Black

Comfield Field Floride comenter

Use Site

VECETABLES

Apply thoroughly as a foliar cover spray to both sides of plant leaves and all plant surfaces where insects or disease are present. For best results, apply early – prior to high insect or disease infestations. See Table 3-Vegetables Pest Control for insects/diseases controlled

	Table 3. \	/egetab	le Pest (Contro	ol	
For Eggplant,	Ground Cherry,	Pepino.	Peppers	and 7	Tomatillo:	1 PT (16 fl.
oz.) covers up	to 19,200 sq. ft	. Do not	exceed 1	1.25 fl.	oz. f this	product per
1.500 sa. ft.						

For all other listed vegetables: 1 PT (16 fl. oz.) covers up to 12,000 sq ft. Do not exceed 2 fl. oz. of this product, per 1,500 sq. ft.

not exceed 2 fl. oz. of this product per 1,500 sq. ft.			
Use Site	PHI	Pests	
Garlic Onion	apply within 14 days of harvest Do not make	Insect Controlled Cutworm spp., Leafminer spp. (Adult), Onion Maggot (Adult), Seedcorn Spp., Stender, Seedcorn Spp., Stender, Seedcorn S	

Use Site	PHI	Pests
Cucurbit Vegetables Group Includes all types and hybrids of	Do not apply within 1 day	Insect Controlled Armyworms ³ , Aphid species ³ , Blister beetle
Chayote Chinese waxgourd, Citron Melon, Cucumber, Gherkin, Pumpkin, Watermelon	of harvest Do not make	species, Cabbage looper, Corn earworm, Cricket species, Cucumber beetle
Edible Gourd Chinese okra, Cucuzza Hyotan	more than 4 applications per year	species (adult), Cutworm species, Flea Beetle species, Grasshopper species. June beetle
Momordica spp. Balsam apple, Balsam pear, Bitter melon, Chinese cucumber		species, Leaffooted bug, Leafhopper species, Leafminer species ^{2,3} ,
Muskmelon, Cantaloupe, Casaba, Crenshaw melon, Golden pershaw melon, Honeydew melon, Honey balls, Mango melon, Persian melon, Pineapple melon, Santa Clause melon, Snake melon		Lygus Bug species ³ , Rindworm species complex, Saltmarsh caterpillar, Spider mite species ² , Squash beetle, Squash vine species, Squash vine
Summer Squash Crookneck squash, Scallop squash, Straightneck squash, Vegetable marrow, Zucchini		borer species, Stink bug species, Thrips species ^{3,5} . Tobacco budworm ³ . Webworm species, Whitefly species ^{2,3}

Use Site	PHI	Pests
Continued Winter Squash, Acom squash, Butternut Squash, Calabaza, Hubbard squash, Spaghetti squash	Continued	Diseases Controlled Downey mildew (Pseudoperonospora cubensis), Altemaria blight (Alternaria cucumeria), Cercospora leaf spot (Cercospora citrulina), Gummy stem blight (Didymella bryoniae), Powerdy mildew (Sphaerotheca fuliginea, Erysiphe cichoracearum)
Use Site	PHI	Pests
Fruiting Vegetables (except cucurbits) Crop Group Eggplant, Ground Cherry, Pepino, Peppers, Tomatillo	Apply 1 PT (16 fl. oz.) to cover 19,200 sq. ft. Do not apply within 5 days of harvest Do not make more than 6 applications per year	Insects Controlled Aphid spp. 2-3, Beet armyworm1.3, Blister Beetle spp., Cabbage Looper, Colorado Potato Beetle ³ , Cucumber Beetle spp., (Adult), Cutworm spp., European Corn Borer ⁴ , Fall Armyworm ¹ , Flea Beetle spp., Grasshopper spp., Hornworm spp., Japanese Beetle (Adult), Leafhopper spp., Leafminer spp. 2, Meadow Spittlebug, Pepper weevil (Adult) ² , Plant Bug spp., Stalk Borer ⁴ , Stink, Bug spp., Thrips-9, Tobacco Budworm ³ , Tomato Fruityworm, Tomato Pinworm, Tomato Psyllid ² , 3, Vegetable Weevil (Adult), Whitefly spp. 2,3, Yellow-striped Armyworm ¹ Diseases Controlled Black mold (Alternaria alternata) Early Blight (Alternaria solani)

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	PIII	
Use Site Tomato	PHI Do not apply within 5 days of harvest Do not make more than 2 applications per year	Pests Insects Controlled Aphid spp. 2.3, Beet armyworm1.3, Blister Beetle spp., Cabbage Looper, Colorado Potato Beetle ³ , Cucumber Beetle spp., (Adult), Cutworm spp., European Corn Borer ⁴ , Fall Armyworm1, Flea Beetle spp., Grasshopper spp., Hornworm spp., Japanese Beetle (Adult), Leafhopper spp., Leafminer spp. ² , Meadow Spittlebug, Pepper weevil (Adult) ² , Plant Bug spp., Southern Armyworm1, Spider Mite spp. ² , Stallk Borer ⁴ , Stink Bug spp., Thrips ⁵ , Tobacco Budworm ³ , Tomato Fruitworm, Tomato Pinworm, Tomato Psyllid ^{2,3} , Vegetable Weevil (Adult), Whitefly spp. 2.3, Yellow-striped Armyworm1 Disease Controlled
		Anthracnose (Colletotrichum spp.), Black mold (Alternaria alternaria), Botrytis gray mold (Botrytis cinerea), Early Blight (Alternia solani), Late Blight (Phytophthora infestans),
		Powerdy mildew (Leveillula taurica), Septoria leaf spot (Septoria lycopersici), Target spot (Corynespora cassiicola)

Use Site	PHI	Pests
Beans Lupinus spp., Lupine, Sweet lupine Phaseolus	PHI Do not apply within 21 days of harvest Do not make more than 2	insects Controlled Alfalfa Caterpillar, Affalfa Looper, Aphid spp. 3, Armyworm, Aster Leafhopper, Bean Leaf Beetle, Bean Leaf skeletonizer, Beet Armyworm 1.2.3, Bird Cherry-Oat Aphid, Blister Beetle, Cinch Bug, Colorado Potato Beetle, Common Constalk Borer, Com Earworm ⁴ , Corn Leaf Aphid, Corn Silkfly (adult), Cucumber Beetle Adult, Curculio and Weevil species ^{4,6} , Cutworm, Diamondback
spp. Field bean, Kidney bean, Kidney bean, Navy bean, Pinto bean, Tepary bean Vigna spp., Adzuki bean, Blackeyed pea, Crowder pea, Moth bean, Moth bean,	applications per year	Moth, English Garin Aphid, European Corn Borer ⁴ , Fall Armyworm ¹ , Flea Beetle, Flea Hopper, Flower Thrips, Grasshopper, Green Cloverworm, Greenbug, Hop Vine Borer ⁴ , Hornworm, Imported Cabbageworm, Japanese Beetle (adult), Leafhopper, Leafminer (adult) 2.3, Leaftier species, Lesser Comstalk Borer ² , 4, Looper species, Meadow Spittlebug, Mexican Bean Beetle, Mexican Rootworm Beetle (adult), Mexican Rice Borer ⁴ , Northern Corn Rootworm Beetle (adult), Onion Maggot (adult), Onion Thrips, Painted Lady Butterfly (larva), Pepper Weevil (adult), Piant Bug, including Lygus Bug ³ , Rice Stalk Borer ⁴ , Saltmarsh Caterpillar, Sap Beetle (adult), Seedcom Beetle, Seedcorn Maggot (adult), Southern Armyworm, Southern Cabbageworm, Southern Corn Leaf Beetle, Southern Corn Rootworm Beetle (adult), Southwestern Corn Borer ⁴ , Soybean Looper ² , Spider Mite, Stalk Borer ⁴ ,

Use Site	PHI	Pests
continued Mung bean, Rice bean, Southern pea, Urd bean	continued	Stink Bug, Sugarcane Borer ⁴ , Tarnished Plant Bug, Threecornered Alfalfa Hopper, Thrips ^{3,5} , Tobacco Budworm ^{3,4} , Tobacco Thrips, Tomato Fruitworm, Tomato Pirworm, Tomato Psyllid, Vegetable Weevil (adult), Velvetleaf Catepillar, Webworm, Western Bean Cutworm ⁴ , Western Com Rootworm Beetle (adult), Western Flower Thrips, Western Yellowstriped Armyworm, Whitefly ^{2,3} , Yellowstriped Armyworm, Whitefly ^{2,3} ,
		Diseases Controlled Alternaria leaf and pod spot (Alternaria spp.), Ascochyta blight (Phoma exigua, Ascochyta spp.), Cercospora leaf spot (Cercospora spp.), Downy mildew (Phytophthora nicotianae) Mycosphaerella blight (Mycosphaerella spp.), Powdery mildew (Erysiphe polygoni), Rust (Uromyces appendiculatus) Septoria leaf spot (Septoria spp.), Anthracnose (Celletotrichum spp.), Bottylis gray mold (Botrytis cinerea), White mold (Scierotinia sclerotiorum)

¹For control of first and second instar only. ²Suppression only

⁶Foliage and pod feeding adults and larvae.

^{*}Suppression only 35ee resistance management statement above (elsewhere on this label) 4For control before the larvae bores into the plant stalk or fruit. 5Does not include Western Flower Thrips.

STORAGE & DISPOSAL

Pesticide Storage: Store and transport in upright position. Store only in original container, in a cool dry place inaccessible to children or pets.

Pesticide Disposal and Container Handling: Non-refillable 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.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing dum or using

Environmental Hazards

visiting or foraging the treatment area.

tobacco.

may be hazardous to aquatic organisms in neighboring areas. Do not apply to application sites adjacent to surface water, including ornamental fish ponds, unless a vegetative buffer strip exists between the application area and the surface water. 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 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 product is highly toxic to bees exposed to direct treatment or residues on blooming plants. Do not apply this product to listed fruit trees, ornamental trees, shrubs & flowers during bloom. Do not allow esticide to drift to non-target blooming cross or weeds if bees are

This product is extremely toxic to fish. Drift and runoff from treated areas

If	Call a Poison Control Center or doctor immediately	
ewallowed:	for treatment advice	

If in eyes:

 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.

. Hold eve open and rinse slowly and gently with

FIRST AID

water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eve. Call a Poison Control Center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

WARRANTY

Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

For information on pesticide products call National Pesticide Information Center at 1-800-858-7378. 8AM to 12PM. Monday through Friday.