

Not Reviewed. Registration claims to be in accordance with
Registration of Pesticides for Phase 2
Regulation, Part 1.13, Agency to be Determined in Cases.

PM 15 8845-92
12/31/89

1/16

Product Label

EPA Reg. No. 8845-92

page 1 of 3

Precautionary Statements

Hazards to Humans and Domestic Animals WARNING

May be fatal if swallowed or absorbed through skin. Avoid breathing spray mist. Causes substantial but temporary eye damage. Do not get into eyes, on skin or clothing. Wear goggles or safety glasses. Avoid contact with eyes and skin. Wash thoroughly if on skin and after handling. Do not use in the home. Avoid contamination of feed and foodstuffs. Do not use on household pets or humans. Do not permit children or pets to go onto treated areas, such as grass or soil until the spray has dried. Do not contaminate ornamental fish ponds. Food utensils such as spoons and measuring cups must not be used for food purposes after use in measuring pesticides.

Statement of Practical Treatment

If swallowed: Call a physician immediately. Do not induce vomiting unless no other treatment is available. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim 1 or 2 glasses of water and insert finger in back of throat. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing. If inhaled: Remove victim to fresh air and apply artificial respiration if indicated. If on skin: Wash promptly with soap and water. Rinse thoroughly. If in eyes: Rinse eyes with plenty of water and call a physician immediately. Note to Physician: This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. This product contains a xylene range aromatic solvent which may present an aspiration hazard. Gastric lavage may be indicated if product was taken internally.

Environmental Hazards

This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl feeding or drinking on treated areas may be killed. Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York, between November 1 and May 20. Do not exceed maximum permitted label rates. Application rates above

Spectracide® Lawn & Garden Insect Control CONCENTRATE

This product must not be used on golf courses and sod farms.

**PROTECTS: Lawns, Vegetables,
Fruits & Nuts, Roses,
Flowers, Trees, Shrubs**

**CONTROLS: Ants, Aphids, Chinch
Bugs, Cutworms, Fire Ants*,
Flea Beetles, Grubs, Mites,
Sod Webworms and many others**

*Aids in control

Active Ingredient:

Diazinon: O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	25.0%
Inert Ingredients **:	75.0%
Total:	100.0%

** Contains xylene range aromatic solvent

KEEP OUT OF REACH OF CHILDREN WARNING

See back panel for additional precautionary statements. See full label in booklet attached to bottle.

Net Weight 32 fl. oz.

those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of spray. Where irrigation (watering) is recommended in the directions or if waterfowl, i.e., ducks or geese, can be expected in the treated area after treatment (except spot treatment), apply a minimum of 1/4 inch of water immediately after applying this product. Stop irrigation before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Runoff may be hazardous to aquatic organisms in neighboring areas. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

Physical or Chemical Hazards

Do not use, pour, spill or store near heat or open flame.

Storage and Disposal

Storage: Do not store near heat or open flame. Store in original container in an area inaccessible to children and pets. Use contents within 6 months after opening.

Disposal: Do not reuse empty container. Thoroughly rinse container, securely wrap it in several layers of newspaper and discard in trash. If disposal of a partially full container is necessary, make sure cap is tightly closed, securely wrap the container in several layers of newspaper and discard in trash.

Directions for Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Spectracide Lawn & Garden Insect Control is an emulsifiable concentrate product which must be diluted with water before application. Refer to the section "How to Mix and Apply". This product kills many outdoor insects

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2/16

Product Label

EPA Reg. No. 8845-92

page 2 of 3

which damage lawns, roses, flowers, trees, shrubs, vegetables, fruits & nuts, and insects which annoy pets and people. Contains diazinon insecticide which provides positive control of many "hard-to-kill" sucking and chewing insects. Spectracide Lawn & Garden Insect Control works fast and applications should be repeated only as directed to maintain control.

Notes: ¹) Use contents within 6 month after opening. See "Storage and Disposal" directions. ²) Do not use in the home. ³) Do not use on ferns, poinsettia, hibiscus, papaya, pilea, gardenia or orchids since injury may occur. ⁴) Do not use on commercially-grown potatoes which will be hand-harvested. ⁵) Use this product on succulent peas and beans only. Do not use on dried pea or bean varieties.

Precautions: ¹) Wear long-sleeved shirt and long-legged pants when spraying. ²) Spray with the wind to your back. ³) Do not spray on windy days. ⁴) If clothing becomes wet from spray during use, remove clothing after spraying, wash affected body areas thoroughly with soap and water and launder clothing before wearing again.

HOW TO MIX AND APPLY:

Step ¹: Determine size of spraying job. For lawns and vegetables, measure the area to be sprayed. For all other applications, apply as a thorough cover spray. Make applications when insects first appear. Applications should be repeated only as directed to maintain control.

Step ²: Use clean sprayer. Carefully measure and mix the amount of concentrate and water as suggested in the rate chart.

Step ³: Spray as directed in rate chart. Thorough coverage is important. Flush sprayer with clean water after each use.

See chart for complete insect list. Use rates shown unless otherwise indicated.

1 tablespoon = 3 teaspoons

1 fl. oz. = 6 tsp. or 2 tbsp.

6 fl. oz. = 3/4 cup

2 tablespoons in 3 gals. of water = 2 teaspoons in 1 gal. of water or 6 fl. oz. in 18 gals. of water

See Booklet Attached to Bottle for Complete Directions on How to Apply and Use.

Problem Area / Pests	Rate		Directions / Remarks
	Concentrate	Water	
Lawn Pest Control ^{***} Chinch Bugs	1 1/2 tablespoons per 125 sq. ft. or 6 fl. ozs. per 1,000 sq. ft.	3 gals. 24 gals.	Thoroughly wet down grass a few hours before applying. in the North, if Chinch Bugs are the only problem, a lower rate of application can be used: 3 teaspoons in 3 gals. of water covers 125 sq. ft. or 4 fl. ozs. in 24 gals. of water per 1,000 sq. ft.
Ants, Armyworms, Bermudagrass Mites, Crickets, Cutworms, Digger Wasps, Earwigs, Frit Flies, Lawn Billbugs, Leafhoppers, Sod Webworms (Lawn Moths), Sowbugs (Pillbugs), Springtails (Collembola)	1 1/2 tablespoons per 125 sq. ft. or 6 fl. ozs. per 1,000 sq. ft.	3 gals. 24 gals.	Thoroughly wet down grass a few hours before applying. For ants and digger wasps, spot spray ant hills and wasp ground nest openings. For digger wasps, apply at dusk when wasps are not active. For frit flies, mow grass and water well before treatment, but delay application until grass is dry. Billbugs control, apply when activity is first observed or when chewed or brown grass is present indicating damage from the insect.
Brown Dog Ticks, Chiggers, Fleas	1 1/2 tablespoons per 125 sq. ft. or 6 fl. ozs. per 1,000 sq. ft.	3 gals. 24 gals.	Note: Do not apply to animals. For brown dog ticks, spray grass and under shrubbery, particularly near house.
White Grubs of Japanese Beetle, European Chafer, Southern Chafer	1 1/2 tablespoons per 125 sq. ft. or 6 fl. ozs. per 1,000 sq. ft.	3 gals. 24 gals.	Water grass thoroughly after application. Apply any time between late July and early October.

^{***}Use on Bent, Bermuda, Bluegrass, Dichondra, Fescue, Merion and St. Augustine grass.

Problems Areas	Insects	Rate	Timing / Special Directions
Trees & Shrubs Arborvitae, Azalea, Birch, Boxwood, Camellia, Douglas Fir, Elm, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Mimosa, Oak, Pine, Ornamental Plum, Poplar, Rhododendron, Spruce, Willow	Aphids, Bagworms, European Pine Shoot Moths, Holly Bud Moths, Dipterous Leafminers (Arborvitae, Azalea, Birch, Boxwood, Holly, Oak) Leafhoppers, Mealybugs, Mites (Clover, Cyclamen, European Red, Privet, Twospotted Spider), Obscure Root Weevils, Omnivorous Leafiers, Scale Crawlers (Cottonycushion, Eynonymous, Lecanium, Pine Needls, Pit Scale, San Jose, Soft)	2 tablespoons in 3 gals. of water	Apply as a thorough foliar spray. Wet leaves and branches to the dripping point. Try to penetrate dense foliage with spray.
Rose & Flowers Azaleas, Camellias, Carnations, Chrysanthemums, Gladioli, Lilac, Rhododendron, Roses	Aphids, Eynonymous Scale Crawlers, Flea Beetles, Dipterous Leafminers, Leafhoppers, Mealybugs, Mites (Carnation Bud, Carnation Shoot, Cyclamen, European Red, Twospotted Spider), Thrips, Whiteflies	2 tablespoons in 3 gals. of water	Apply as a thorough foliar spray. Try to spray underside of leaves and penetrate dense foliage.

For control of specific pests on fruits, nuts and vegetables see complete instructions given in the accompanying booklet.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

IMPORTANT CONSUMER INFORMATION: If you have any questions or comments about this product, please call us Toll Free at 800-332-5553, Weekdays 9:00 A.M. - 5:00 P.M., Central Time.

Manufactured in the U.S.A. for:
 Spectrum Group
 Division of United Industries Corp.
 St. Louis, MO 63114

EPA Reg. No. 8845-92
 EPA Est. No.

4116

Precautionary Statements

Hazards to Humans and Domestic Animals

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Sod Webworms and many others**

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Active Ingredient:

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Total:	100.0%

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WARNING**

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Net Weight 32 fl. oz.

those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of spray. Where irrigation (watering) is recommended in the directions or if waterfowl, i.e., ducks or geese, can be expected in the treated area after treatment (except spot treatment), apply a minimum of 1/4 inch of water immediately after applying this product. Stop irrigation before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Runoff may be hazardous to aquatic organisms in neighboring areas. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

Physical or Chemical Hazards

Do not use, pour, spill or store near heat or open flame.

Storage and Disposal

Storage: Do not store near heat or open flame. Store in original container in an area inaccessible to children and pets. Use contents within 6 months after opening.

Disposal: Do not reuse empty container. Thoroughly rinse container, securely wrap it in several layers of newspaper and discard in trash. If disposal of a partially full container is necessary, make sure cap is tightly closed, securely wrap the container in several layers of newspaper and discard in trash.

Directions for Use

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5/16

which damage lawns, roses, flowers, trees, shrubs, vegetables, fruits & nuts, and insects which annoy pets and people. Contains diazinon insecticide which provides positive control of many "hard-to-kill" sucking and chewing insects. Spectracide Lawn & Garden Insect Control works fast and applications should be repeated only as directed to maintain control.

Notes: *1) Use contents within 6 month after opening. See "Storage and Disposal" directions. *2) Do not use in the home. *3) Do not use on ferns, poinsettia, hibiscus, papaya, pilea, gardenia or orchids since injury may occur. *4) Do not use on commercially-grown potatoes which will be hand-harvested. *5) Use this product on succulent peas and beans only. Do not use on dried pea or bean varieties.

Precautions: *1) Wear long-sleeved shirt and long-legged pants when spraying. *2) Spray with the wind to your back. *3) Do not spray on windy days. *4) If clothing becomes wet from spray during use, remove clothing after spraying, wash affected body areas thoroughly with soap and water and launder clothing before wearing again.

HOW TO MIX AND APPLY:

Step *1: Determine size of spraying job. For lawns and vegetables, measure the area to be sprayed. For all other applications, apply as a thorough cover spray. Make applications when insects first appear. Applications should be repeated only as directed to maintain control.

Step *2: Use clean sprayer. Carefully measure and mix the amount of concentrate and water as suggested in the rate chart.

Step *3: Spray as directed in rate chart. Thorough coverage is important. Flush sprayer with clean water after each use.

See chart for complete insect list. Use rates shown unless otherwise indicated.

1 tablespoon = 3 teaspoons

1 fl. oz. = 6 tsp. or 2 tbsp.

6 fl. oz. = 3/4 cup

2 tablespoons in 3 gals. of water = 2 teaspoons in 1 gal. of water or 6 fl. oz. in 18 gals. of water

Lawn Pest Control

Use on Bent, Bermuda, Bluegrass, Dichondra, Fescue, Merion and St. Augustine grass.

Precautions: Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Apply this product only as specified on this label. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York, between November 1 and May 20. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds. Avoid overlapping of spray. Where irrigation (watering) is recommended in the directions or if waterfowl, i.e., ducks, geese can be expected in the treated area after treatment (except spot treatments), water lawn with at least 1/4 inch of water immediately after spraying this product, however, stop watering before puddling occurs.

Problem Area / Pests	Rate		Directions / Remarks
	Concentrate	Water	
Lawn Pest Control Chinch Bugs	1 1/2 tablespoons per 125 sq. ft. or 6 fl. ozs. per 1,000 sq. ft.	3 gals. 24 gals.	Thoroughly wet down grass a few hours before applying. In the North, if Chinch Bugs are the only problem, a lower rate of application can be used: 3 teaspoons in 3 gals. of water covers 125 sq. ft. or 4 fl. ozs. in 24 gals. of water per 1,000 sq. ft.
Ants, Armyworms, Bermudagrass Mites, Clover Mites, Crickets, Cutworms, Digger Wasps, Earwigs, Frit Flies, Lawn Billbugs, Leafhoppers, Sod Webworms (Lawn Moths), Sowbugs (Pillbugs), Springtails (Collembola)	1 1/2 tablespoons per 125 sq. ft. or 6 fl. ozs. per 1,000 sq. ft.	3 gals. 24 gals.	Thoroughly wet down grass a few hours before applying. For ants and digger wasps, spot spray ant hills and wasp ground nest openings. For digger wasps, apply at dusk when wasps are not active. For frit flies, mow grass and water well before treatment, but delay application until grass is dry. Billbug control, apply when activity is first observed or when chewed or brown grass is present indicating damage from the insect.

6/16

Product Booklet

EPA Reg. No. 8845-92

Problem Area / Pests	Rate		Directions / Remarks
	Concentrate	Water	
Lawn Pest Control Brown Dog Ticks, Chiggers, Fleas	1 1/2 tablespoons per 125 sq. ft.	3 gals.	For brown dog ticks, spray grass and under shrubbery, particularly near house.
	or 6 fl. ozs. per 1,000 sq. ft.	24 gals.	
Note: Do not apply to animals.			
Millipedes	1 1/2 tablespoons per 125 sq. ft.	3 gals.	Thoroughly wet grass a few hours before applying.
	or 6 fl. ozs. per 1,000 sq. ft.	24 gals.	
Rhodesgrass Scales	1 1/2 tablespoons per 125 sq. ft.	3 gals.	Apply when crawlers first emerge.
	or 6 fl. ozs. per 1,000 sq. ft.	24 gals.	
White Grubs of Japanese Beetle, European Chafer, Southern Chafer	1 1/2 tablespoons per 125 sq. ft.	3 gals.	Water grass thoroughly after application. Apply any time between late July and early October.
	or 6 fl. ozs. per 1,000 sq. ft.	24 gals.	

Problem Area / Pests	Rate		Directions / Remarks
	Concentrate	Water	
Hyperodes Weevils	1 1/2 tablespoons per 125 sq. ft.	3 gals.	Water grass thoroughly after application. Treat problem areas in mid- April and again in mid- May.
	or 6 fl. ozs. per 1,000 sq. ft.	24 gals.	
Nuisance Pests in Outside Areas Ants, Boxelder Bugs, Brown Dog Ticks, Chiggers, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Sowbugs (Pillbugs), Spiders, Springtails (Collembola)	6 fl. ozs. per 1,000 sq. ft.	3 gals.	Thoroughly spray window and door screens, sills, foundations, porch and patio walls and ceilings, entranceways, walks, garbage cans, tree trunks, and into cracks and other places where insects can hide.
			To prevent entry into houses, spray a 5 foot band of soil around the house next to the foundation and spray the foundation of the house to a height of 2 - 3 feet.
Repeat application as necessary.			
Note: Do not treat animals. Do not treat plants other than tree trunks at this nuisance pest rate.			

7/16

Product Booklet

EPA Reg. No. 8845-92

Problems Area / Pests	Rate		Directions / Remarks
	Concentrate	Water	
Nuisance Pests in Outside Areas Fire Ants	2 tablespoons in a minimum of 1 gal. of water as a drench.		<p>To aid in the control of fire ants in lawns and other recreational areas.</p> <p>Apply drench over and 6 inches around each mound. Apply gently to avoid disturbing ants.</p> <p>Reapply as necessary.</p> <p>Larger quantities of solution can be prepared for multiple mound treatments.</p> <p>Use equipment capable of delivering the diluted product as a gentle rain at the rate of 1 gal. per mound. High pressure sprays may disturb the ants and cause migration, reducing product effectiveness.</p>
	<p>Note: For best results, apply in cool weather, 65 - 80° F., or in early morning or late evening hours. Treat new mounds as they appear.</p>		

Insect Control on Trees, Shrubs and Flowers

Problem Areas	Insects	Rate	Timing / Special Directions
Trees & Shrubs Arborvitae, Azalea, Birch, Boxwood, Camellia, Douglas Fir, Elm, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Mimosa, Oak, Pine, Ornamental Plum, Poplar, Rhododendron, Spruce, Willow	Aphids, Bagworms, European Pine Shoot Moths, Holly Bud Moths, Dipterous Leafminers (Arborvitae, Azalea, Birch, Boxwood, Holly, Oak), Leafhoppers, Mealybugs, Mites (Clover, Cyclamen, European Red, Privet, Twospotted Spider), Obecure Root Weevils, Omnivorous Leaf-tiers, Scale Crawlers (Cottoncushion, Eynonymous, Lecanium, Pine Needle, Pit Scale, San Jose, Soft)	2 tablespoons in 3 gals. of water	Apply as a thorough foliar spray. Wet leaves and branches to the dripping point. Try to penetrate dense foliage with spray.
	Webworms (Juniper, Mimosa), Whiteflies		Apply as a thorough foliar spray. Mimosa Webworms: Apply as a thorough foliar spray when adults first appear. Make two additional applications at 4 - 5 week intervals.

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8/16

Product Booklet

EPA Reg. No. 8845-92

page 5 of 13

Problems Areas	Insects	Rate	Timing / Special Directions
Trees & Shrubs Arborvitae, Azalea, Birch, Boxwood, Camellia, Douglas Fir, Elm, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Mimosa, Oak, Pine, Ornamental Plum, Poplar, Rhododendron, Spruce, Willow (Continued)	Apple and Thorn Skeletonizers, Hemlock Chermes, Oak Loopers, Obliquebanded, Leafrollers, Pear Slugs, Tent Caterpillars, Webworms (Cotoneaster, Fall)	2 tablespoons in 3 gals. of water	Apply as a thorough foliar spray.
Roses & Flowers Azaleas, Camellias, Chrysanthemums, Carnations, Gladioli, Lilac, Rhododendron, Roses	Aphids, Eucynomyus Scale Crawlers, Flea Beetles, Dipterous Leafminers, Leafhoppers, Mealybugs, Mites (Carnation Burr, Carnation Shoot, Cyclamen, European Red, Twospotted Spider), Thrips, Whiteflies	2 tablespoons in 3 gals. of water	Apply as a thorough foliar spray. Try to spray underside of leaves and penetrate dense foliage.

Fruits and Nuts

Start spraying after blooming. Applications should be made according to infestation or when aphids, mites and crawler stages of scale insects are first noted.

Observe stated time intervals between last application and harvest of the crop, as well as intervals between applications and total number of applications that can be made per season.

Crop	PHI*
Almonds	45
Apricots	10
Blackberries	7
Boysenberries	7
Cherries	10
Dewberries	7
Grapes	18
Loganberries	7
Nectarines	10
Peaches	20
Plums	10
Prunes	10
Raspberries	7
Strawberries	5
Walnuts	45

*PHI = Pre-Harvest Interval, or the number of days between the last application and harvest.

Note: To protect bees, do not apply to fruit trees when trees or substantial numbers of weeds around the trees are in bloom.

a/16

Crop	Pest	Rate	Timing / Special Directions
Almonds (California only)	Aphids, Pariatoria Scales, San Jose Scales, Spider Mites, Twig Borers	2 tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 6 gals. per 500 sq. ft. of orchard. Do not make more than 2 applications per season 14 days apart. Do not apply after the tree open or split. Do not apply within 45 days of harvest.
Apricots	Aphids, Apricot Mealybugs, Mites (Clover [brown], Twospotted Spider), Scale Crawlers (Olive, San Jose)	2 tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 5 gals. per 500 sq. ft. of orchard. Do not make more than 5 applications per season a minimum of 14 days apart. Do not apply within 10 days of harvest.

Crop	Pest	Rate	Timing / Special Directions
Caneberries (California, Oregon and Washington only), Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries	Aphids, Leafhoppers, Raspberry Fruitworms, Fruitworms, Twospotted Mites, Thrips	2 tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 5 gals. per 500 sq. ft. of orchard. Do not make more than 5 applications per season a minimum of 14 days apart. Do not apply within 7 days of harvest.
Cherries	Black Cherry Aphids, Cherry Fruitflies, Cherry Fruitworms (Maggots), Fruitree Leafrollers, Mites (Cherry Rust), Scale Crawlers (San Jose)	2 tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 6 gals. per 500 sq. ft. of orchard. Do not make more than 5 applications per season a minimum of 7 days apart. Do not apply within 10 days of harvest.
Grapes	Aphids, Leafhoppers, Grape Berry Moths, Grape Leaf-folders	2 tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 3 gals. per 500 sq. ft. of vineyard. Do not make more than 5 applications per season a minimum of 7 days apart. Do not apply within 18 days of harvest.

10/16

Product Booklet

EPA Reg. No. 8845-92

Crop	Pest	Rate	Timing / Special Directions
Nectarines	Aphids, Mites (Clover [brown], Twospotted, Spider) Scale Crawlers (Olive, San Jose)	2 tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 6 gals. per 500 sq. ft. of orchard. Do not make more than 5 applications per season a minimum of 14 days apart. Do not apply within 10 days of harvest.
Peaches	Aphids, Mites (Clover [brown], Twospotted, Spider) Scale Crawlers (Olive, San Jose)	2 tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 6 gals. per 500 sq. ft. of orchard. Do not make more than 5 applications per season a minimum of 14 days apart. Do not apply within 20 days of harvest.
Plums and Prunes	Aphids (Leafcurl Plum, Mealy Plum, Thistle), Mites (Clover [brown], European Red)	2 tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 6 gals. per 500 sq. ft. of orchard. Do not make more than 5 applications per season a minimum of 7 days apart. Do not apply within 10 days of harvest.

Crop	Pest	Rate	Timing / Special Directions
Strawberries	Aphids, Twospotted Mites, Strawberry Leafrollers	2 tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 3 gals. per 500 sq. ft. of field. Do not make more than 3 applications per season a minimum of 7 days apart. Do not apply within 5 days of harvest.
Walnuts (California only)	Aphids, Scale Crawlers (Walnut, Italian Pear, Frosted), Spider Mites, Twig Borers	2 tablespoons in 3 gals. of water	Apply as a full cover spray. Do not apply more than 6 gals. per 500 sq. ft. of orchard. Do not make more than 3 applications per season, 14 days apart. Do not apply after husks open or split. Do not apply within 45 days of harvest.
<p>Note: This product may be used on walnuts only in California. Do not use this product on walnuts grown in other states.</p>			

Vegetable Crops

For foliar or soil applications, Spectracide Lawn & Garden Insect Control should be applied in the volume of water recommended in the table below to assure thorough coverage of the foliage or soil.

Observe stated time intervals between last application and harvest as well as intervals between applications and maximum numbers of applications per season.

Pre-Harvest Intervals (PHI)¹ for Foliar Applications

Crop	PHI ¹ (Days)
Beans; Lima Pole & Snap ¹	7
Beets; Red (Table)	14
Broccoli	5
Cabbage	7
Cantaloupes	3
Carrots	10
Casabas	3
Cauliflower	5
Celery	10
Chinese Broccoli	10
Chinese Cabbage	10
Collards	10
Crenshaws	3
Cucumbers	7
Endive (Escarole)	10
Honeydew Melons	3
Kale	10
Lettuce	10
Muskmelons	3
Onions; Bulb & Green	10
Parsnips	10
Peas ¹	0
Peppers	5
Potatoes (Irish) ²	35
Radishes	10
Spinach	7
Squash, summer	7
Squash, winter	3
Sweet Corn	0
Tomatoes	1
Turnips	10
Watermelons	3

¹PHI=Pre-Harvest Interval, or the number of days between the last application and harvest.

¹ Do not use this product on dried pea or bean varieties such as pinto beans, dried limas or dried black-eyed peas.

² Do not use this product on commercially-grown potatoes which will be hand-harvested.

Vegetable Crops

For application to the foliage, thoroughly spray all plant parts. Application to the soil should be mixed into the soil immediately after application.

Crop	Pest	Rate	Timing / Special Directions
Beans; Lima, Pole and Snap (succulent varieties only)	Aphids, Cucumber Beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetles, Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 5 days up to 3 applications per season. Do not apply within 7 days of harvest.
	Cutworms (surface, subterranean)	6 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2 - 3 inches for surface cutworms, 3 - 6 inches for subterranean cutworms.
	Mole Crickets	2 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil 1 - 2 days before planting. Immediately work into soil 1 - 2 inches.
	Wireworms (snap beans only)	6 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 4 - 8 inches.
Note: To protect bees, do not apply bean foliage treatments if the beans or weeds in the treatment area are in bloom.			
Beets; Red (Table)	Cutworms (surface, subterranean)	6 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2 - 3 inches for surface cutworms, 3 - 6 inches for subterranean cutworms.
	Mole Crickets	2 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil 1 - 2 days before planting. Immediately work into soil 1 - 2 inches.

11/16

12/16

Product Booklet

EPA Reg. No. 8845-92

Crop	Pest	Rate	Timing / Special Directions
Broccoli	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 5 days of harvest.
Cabbage	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 7 days of harvest.
	Cutworms (surface, Subterranean)	6 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2 - 3 inches for surface cutworms, 3 - 6 inches for subterranean cutworms.
	Root Maggots	6 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 3 - 4 inches.
	Wireworms	6 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 4 - 8 inches.
Carrots	Aphids, Flea Beetles, Leafhoppers, Dipterous Leafminers, Spider Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 10 days of harvest.

Crop	Pest	Rate	Timing / Special Directions
Carrots	Cutworms (surface, subterranean)	6 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2 - 3 inches for surface cutworms, 3 - 6 inches for subterranean cutworms.
	Mole Crickets	2 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil 1 - 2 days before planting. Immediately work into soil 1 - 2 inches.
	Wireworms	6 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 4 - 8 inches.
Cauliflower	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 5 days of harvest.
Celery	Aphids, Flea Beetles, Leafhoppers, Dipterous Leafminers, Spider Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 10 days of harvest.
Chinese Broccoli	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 10 days of harvest.

13/16

Crop	Pest	Rate	Timing / Special Directions
Chinese Cabbage (Bok Choy and Napa)	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 10 days of harvest.
Collards	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 10 days of harvest.
Corn (see sweet corn)			
Cucumbers	Aphids, Thrips, Spider Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 7 days of harvest.
Endive (Escarole)	Aphids, Flea Beetles, Leafhoppers, Dipterous Leafminers, Spider Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 10 days of harvest.
Kale	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 10 days of harvest.

Crop	Pest	Rate	Timing / Special Directions
Lettuce	Aphids, Flea Beetles, Leafhoppers, Dipterous Leafminers, Spider Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 10 days of harvest.
	Cutworms (surface, subterranean)	6 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2 - 3 inches for surface cutworms, 3 - 6 inches for subterranean cutworms.
	Wireworms	6 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 4 - 8 inches.
Melons (Cantaloupes, Casabas, Crenshaws, Honeydews, Muskmelons, Persians and Hybrids of these) and Watermelons	Aphids, Thrips, Spider Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 3 days of harvest.
Onions; Green and Bulb	Onion Thrips	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 3 applications per season. Do not apply within 10 days of harvest.

14/16

Crop	Pest	Rate	Timing / Special Directions
Parsnips	Aphids, Flea Beetles, Leafhoppers, Dipterous Leafminers, Spider Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 10 days of harvest.
Peas (succulent only)	Aphids, Cucumber Beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetles, Spider Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 5 days up to 3 applications per season. Peas may be picked immediately after application.
	Cutworms (surface, subterranean)	6 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2 - 3 inches for surface cutworms, 3 - 6 inches for subterranean cutworms.
	Mole Crickets	2 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil 1 - 2 days before planting. Immediately work into soil 1 - 2 inches.
	Wireworms	6 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 4 - 8 inches.
Notes: ¹ Do not apply this product to dried pea varieties such as split peas. ² To protect bees, do not apply to pea foliage during the pollen shed period.			

Crop	Pest	Rate	Timing / Special Directions
Peppers	Aphids, Colorado Potato Beetles, Flea Beetles, Leafhoppers	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 5 days of harvest.
Potatoes	Aphids, Flea Beetles, Leafhoppers, Colorado Potato Beetles, Southern Armyworms, Dipterous Leafminers	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 35 days of harvest.
	Note: Do not use on commercially-grown potatoes which will be hand-harvested.		
Radishes	Aphids, Flea Beetles, Leafhoppers, Imported Cabbageworms, Dipterous Leafminers	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 10 days of harvest.
	Cutworms (surface, subterranean)	6 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2 - 3 inches for surface cutworms, 3 - 6 inches for subterranean cutworms.
Spinach	Aphids, Flea Beetles, Leafhoppers, Dipterous Leafminers, Spider Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 10 days of harvest.

15/16

Product Booklet

EPA Reg. No. 8845-92

Crop	Pest	Rate	Timing / Special Directions
Squash; Summer	Aphids, Thrips, Spider Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 7 days of harvest.
Squash; Winter	Aphids, Thrips, Spider Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 3 days of harvest.
Sweet Corn	Aphids, Flea Beetles, Grasshoppers, Spider Mites	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Corn may be picked immediately following last application.
	Cutworms (surface, subterranean)	6 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2 - 3 inches for surface cutworms, 3 - 6 inches for subterranean cutworms.
	Mole Crickets	2 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil 1 - 2 days before planting. Immediately work into soil 1 - 2 inches.
	Wireworms	6 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 4 - 6 inches.
Note: To protect bees do not apply to corn foliage during the pollen shed period.			

Crop	Pest	Rate	Timing / Special Directions
Tomatoes	Aphids, Colorado Potato Beetles, Fall Armyworms, Flea Beetles, Leafhoppers, Southern Armyworms, Vinegar Flies (Drosophila spp.)	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 1 day of harvest.
	Cutworms (surface, subterranean)	6 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2 - 3 inches for surface cutworms, 3 - 6 inches for subterranean cutworms.
	Wireworms	6 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 4 - 8 inches.
Turnips and Turnip Tops	Aphids, Flea Beetles, Leafhoppers, Imported Cabbageworms, Dipterous Leafminers	2 tablespoons in 3 gals. of water to cover 1,000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Do not apply within 10 days of harvest.
	Cutworms (surface, subterranean)	6 tablespoons per 500 sq. ft. in a minimum of 1 1/2 gals. of water	Broadcast to the soil just before planting. Immediately work into soil 2 - 3 inches for surface cutworms, 3 - 6 inches for subterranean cutworms.

16/16

Product Booklet

EPA Reg. No. 8845-92

page 13 of 13

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of **MERCHANTABILITY** or **FITNESS FOR A PARTICULAR PURPOSE**, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

IMPORTANT CONSUMER INFORMATION: If you have any questions or comments about this product, please call us Toll Free at 800-332-5553, Weekdays 9:00 A.M. - 5:00 P.M., Central Time.

Manufactured in the U.S.A. for:
Spectrum Group
Division of Union Carbide Industries Corp.
St. Louis, MO 63114

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