

PM 13 16-157

104-3

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

<b>(A)</b> 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number  196873
	<b>Application for Pesticide:</b>		

**Section I**

1. Company/Product Number 16-157	2. EPA Product Manager LaRocca	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) DRAGON 25% Diazinon Spray	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Dragon Corporation P. O. Box 7311 Roanoke, VA 24019 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to:  EPA Reg. No. _____ Product Name _____	

**Section II**

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Compliance with PR Notice 93-3: Statement Prohibiting Application to Water

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**NOTIFICATION LABEL NOT REVIEWED PER PR NOTICE 93-3**

DATE 7/12/93

**Section III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
	If "Yes," Unit Package wgt	No. per container	If "Yes," Package wgt.	No. per container	<input type="checkbox"/> Glass
* Certification must be submitted.					<input type="checkbox"/> Paper
					<input type="checkbox"/> Other (Specify) _____
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) of Retail Container 8 oz., 1 PT, 1 QT	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input checked="" type="checkbox"/> On Labeling accompanying product			
6. Manner In Which Label Is Affixed To Product <input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other ( _____ )		

**Section IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Rebecca M. Horton	Title Executive Assistant	Telephone No. (Include Area Code) (703) 362-3657

**Certification**

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Rebecca M. Horton</i>	3. Title Executive Assistant	
4. Typed Name Rebecca M. Horton	5. Date 6/30/93	

2023

**DRAGON®  
25% DIAZINON SPRAY**

EPA Reg. No. 16-157  
EPA Est. No. 16-VA-1

NOTIFICATION  
LABEL NOT REVIEWED  
PER PR NOTICE 60-6  
DATE 7/12/93

NET CONTENTS 1 QT (32 OZ)/1 PT (16 OZ)/8 OZ

Protects lawns, vegetables, fruits, nuts, roses, flowers, ornamentals, trees and shrubs.

Controls ants, aphids, chinch bugs, cutworms, flea beetles, grubs, mites, sod webworms and many others.

Aids in control of fire ants.

Spray concentrate.

Controls many "hard-to-kill" sucking and chewing insects.

**THIS PRODUCT MUST NOT BE USED ON GOLF COURSES AND SOD FARMS. FOR OUTDOOR USE ON THE HOME LAWN AND THE HOME GARDEN ONLY.**

[Note to EPA: Label front panel may feature graphics representing insects controlled, e.g., grubs, mites, ants,.]

**ACTIVE INGREDIENT:**

Diazinon [0,0-Diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl)phosphorothioate] . . . . .	25%
<b>INERT INGREDIENTS*:</b> . . . . .	<u>75%</u>
<b>TOTAL</b> . . . . .	100%

\*Contains aromatic petroleum distillates.

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**Keep Out of Reach of Children  
CAUTION**

See back/side/other panel(s) for additional precautions.

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION:** Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye injury. Avoid breathing spray mist. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not use inside the home. Avoid contamination of feed and foodstuffs. Do not use on household pets or humans. Do not allow children or pets to go onto a treated area until the treated area, such as grass or soil, 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 one or two glasses of water and insert finger in back of throat. Do not induce vomiting or give anything by mouth if victim is unconscious or convulsing.  
**IF INHALED:** Remove victim to fresh air and apply artificial respiration if indicated. Get medical attention!  
**IF ON SKIN:** Wash promptly with soap and water. Rinse thoroughly. Get medical attention.  
**IF IN EYES:** Rinse eyes with plenty of water and call a physician immediately.

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**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 aromatic petroleum distillates 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 Country, New York, Between November 1 and May 20. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds and waterfowls. Avoid overlapping of sprays. For lawns, 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 at least 1/4 inch of water immediately after spraying this product, however, stop watering before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. 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 washwaters.

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.

**PHYSICAL OR CHEMICAL HAZARDS:** Do not use, pour, spill or store near heat or open flame.

#### DIRECTIONS FOR USE

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

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL, CROP INJURY OR ILLEGAL RESIDUES.**

[SEE ADDITIONAL USE PRECAUTIONS AND DIRECTIONS IN ATTACHED BOOKLET]

**GENERAL INFORMATION:** DRAGON 25% Diazinon 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 which damage lawns, roses, flowers, trees, shrubs, vegetables, fruits and nuts, and insects which annoy pets and people. Contains Diazinon insecticide which provides positive control of many "hard-to-kill" sucking and chewing insects. Dragon 25% Diazinon works fast and applications should be repeated only as directed to maintain control.

- NOTE:**
1. USE CONTENTS WITHIN 6 MONTHS 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. Use this product on succulent peas and beans only. Do not use on dried pea or bean varieties.
  5. Do not apply to food crops grown in green houses.

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**PRECAUTIONS:**

1. Wear a 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 Dragon 25% Diazinon 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 list of use sites, crops and insects controlled. Use the rate given in the chart for the type of insect you want to control on the site or crop you are spraying.

**MEASUREMENT CONVERSIONS:**

- 1 tablespoon (Tbs) = 3 teaspoons (Tsp)
- 1 fl. oz. = 6 Tsp or 2 Tbs
- 6 fl. oz. = 3/4 cup
- 1 1/2 Tbs in 3 gals of water = 1 1/2 Tsp in 1 gal of water
- 2 Tbs in 3 gals of water = 2 Tsp in 1 gal of water

After spraying, wait the following number of days before harvesting fruits, nuts or vegetables:

- 1 day Tomatoes
- 3 days Melons, Winter squash
- 5 days Peppers, Strawberries
- 7 days Beans, Broccoli, Blackberries, Boysenberries, Cauliflower, Cucumbers, Dewberries, Loganberries, Peas, Raspberries, Summer Squash, Sweet Corn
- 10 days Chinese broccoli, Chinese cabbage, Collards, Kale
- 14 days Carrots, Endive (Escarole), Lettuce, Onions (bulb and green), Parsnips, Radishes, Spinach, Turnips
- 21 days Apricots, Cabbage, Cherries, Nectarines, Peaches, Plums, Prunes
- 28 days Grapes
- 35 days Potatoes (Irish)
- 45 days Walnuts
- \*\* Almonds (one dormant spray only)

+ The following Problem Area/Pest table is only a partial listing of the pests controlled by this product. See (additional tables that follow/attached booklet) for complete directions for use and pests controlled.

Problem Area	Pests+
Nuisance Pests in Outside Areas	Ants, Brown dog ticks, Chiggers, Cockroaches, Crickets, Fleas, Fire ants, Spiders and others +
Lawns	Chinch bugs, Ants, Sod webworms, Brown dog ticks, Fleas, White grubs, Lawn billbugs and others +

Problem Area		Pests+
Vegetables: Foliar Application	Beans, Peas (except dried variety)	Aphids, Cucumber beetles, Grasshoppers, Leafhoppers, Mexican bean beetles, Spider mites
	Broccoli, Chinese broccoli, Cabbage, Chinese cabbage, Cauliflower, Collards, Kale	Aphids, Flea beetles, Dipterous leafminers, Diamondback moths, Imported cabbageworms
	Endive (Escarole), Lettuce, Spinach	Aphids, Flea beetles, Leafhoppers, Dipterous leafminers, Spider mites
	Peppers, Tomatoes	aphids, Colorado potato beetles, Fall armyworms (tomatoes), Flea beetles, Leafhoppers, Southern armyworms (tomatoes), Vinegar flies - <i>Drosophila spp.</i> (tomatoes)
	Onions (bulb and green)	Onion thrips
	Radishes, Turnips, Carrots, Parsnips, Potatoes	Aphids, Flea beetles, Leafhoppers, Dipterous leafminers, Colorado potato beetles (potatoes), Southern armyworms (potatoes)
	Sweet corn	Aphids, Flea beetles, Grasshoppers, Spider mites
	Melons, Squash (summer, winter)	Aphids, Thrips, Spider mites
Vegetables: Preplant Soil Application	Beans, Peas (except dried varieties)	Cutworms, Mile crickets, Wireworms (snap beans)
	Beets, Red (table)	Cutworms, Mole crickets
	Cabbage	Cutworms, Root maggots, Wireworms
	Carrots, Sweet Corn	Cutworms, Mole crickets, Wireworms
	Lettuce, Tomatoes	Cutworms, Wireworms
	Radishes, Turnips	Cutworms
Fruits & Nuts	Almonds (California only)	Scale crawlers
	Walnuts (California only)	Aphids, Scale crawlers, Spider mites and others+
	Apricots, Peaches, Nectarines	Aphids, apricot mealybugs (apricots), Spider mites, Scale crawlers
	Cherries	Black cherry aphids, Cherry fruitflies, Cherry rust mites, Scale crawlers and others+
	Plums, Prunes	Aphids, Spider mites

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Problem Area		Pests+
Fruits & Nuts (cont'd.)	Caneberries (CA, OR, WA only): Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries	Aphids, leafhoppers, Two-spotted spider mites, Thrips, Raspberry fruitworms
	Strawberries	Aphids, Two-spotted spider mites, Strawberry leafrollers
	Grapes	Aphids, Grape berry moths, Grape leafhoppers, Leafhoppers
Roses & Flowers	Azaleas, Camellias, Chrysanthemums, Carnations, Gladioli, Lilac, Rhododendron, Roses	Aphids, Flea beetles, Dipterous leafminers, Leafhoppers, Mealybugs, Two-spotted spider mites, Thrips, Whiteflies and others+
Ornamental Trees & Shrubs	Arborvitae, Azaleas, Birch, Boxwood, Camellias, Douglas fir, Elm, Hawthorn holly, Juniper, Lilac, Locust, Maple, Mimosa, Oak, Pine, Ornamental plum, Poplar, Rhododendron, Spruce, Willow	Aphids, Mites, Scale crawlers, Whiteflies, Tent caterpillars and others+

**LAWN PEST CONTROL**

**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 21. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds and waterfowls. Avoid overlapping of sprays. 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), water lawn with at least 1/4 inch of water immediately after spraying this product; however, stop watering before puddling occurs.

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

To control pests listed below, apply recommended rates.

LAWN PEST CONTROL			
Pests	Rate		Remarks
	Dragon 25% Diazinon	Water	
Lawn Chinch Bugs	1 1/2 Tbs per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gal  24 gal	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 Tsp in 3 gals of water covers 125 sq. ft., or 4 fl. oz. in 24 gals of water per 1,000 sq. ft.

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LAWN PEST CONTROL			
Pests	Rate		Remarks
	Dragon 25% Diazinon	Water	
Ants, Armyworms, Bermudagrass mites, Clover mites, Springtails ( <i>Collembola</i> ), Crickets, Cutworms, Digger wasps, Earwigs, Frit flies, Lawn billbugs, Leafhoppers, Sod webworms (Lawn moths), Sowbugs (Pillbugs)	1½ Tbs per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gal  24 gal	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. Billbug control: Apply when activity is first observed or when chewed or brown grass is present indicating damage from the insect. For frit flies mow grass and water thoroughly before treatment, but delay application until grass is dry.
Brown dog ticks, Chiggers, Fleas	1½ Tbs per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gals  24 gals	<b>NOTE: DO NOT APPLY THIS PRODUCT TO ANIMALS.</b>  For brown dog ticks spray grass and under shrubbery, particularly near house.
Hyperodes Weevil	1½ Tbs per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gals  24 gals	Treat problem areas in mid-april and again in mid-May. Water grass thoroughly after application.
Millipedes	1½ Tbs per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gals  24 gals	Thoroughly wet grass a few hours before applying.
Rhodesgrass scale	1½ Tbs per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gals  24 gals	Apply when crawlers first emerge.
White grubs of Japanese beetle, European chafer, Southern chafer	1½ Tbs per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gals  24 gals	Apply any time between late July and early October. Water grass thoroughly after application.

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NUISANCE PESTS OUTSIDE THE HOME	
<p>Ants, Boxelder bugs, Brown dog ticks, Chiggers, Clover mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Sowbugs (Pillbugs), Spiders, Springtails (<i>Collembola</i>)</p>	<p>Mix 6 fl. oz. in 3 gals of water and thoroughly spray window and door screens, sills, foundations, porch and patio walls, entranceways, walks, garbage cans, tree trunks and into cracks and other places where insects hide.</p> <p>To prevent entry into houses, spray a five-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.</p> <p><b>DO NOT treat animals with this product. DO NOT treat plants (other than tree trunks) at this nuisance pest rate.</b></p>
<p>Fire Ants</p>	<p>To aid in the control of fire ants in home lawns and other outdoor home recreation areas, apply 2 Tbs in a minimum of 1 gal of water as a drench. Apply over and 6 inches around each mound. Apply gently to avoid disturbing ants. Reapply as necessary. Larger quantities of solution can be prepared for multiple mound treatments. 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><b>NOTE:</b> 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 ORNAMENTAL TREES, SHRUBS, ROSES AND FLOWERS			
Plants	Insects	Rate per 3 Gal of Water	Timing/ Special Directions
<p>Trees and Shrubs Arborvitae, Azaleas, Birch, Boxwood, Camellias, Douglas fir, Elm, Hawthorne, Holly, Juniper, Lilac, Locust, Maple, Mimosa, Oak, Pine, Ornamental plum, Poplar, Rhododendron, Spruce, Willow</p>	<p>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, Two-spotted spider), Obscure root weevils, Omnivorous leaf-tiers, Scale crawlers (Cottoncushion, Euonymus, Lecanium, Pine needle, Pit, San Jose, Soft)</p>	<p>2 Tbs</p>	<p>Apply as a thorough foliar spray. Wet leaves and branches to the dripping point. Try to penetrate dense foliage with spray.</p>
	<p>Webworms (Juniper, Mimosa), Whiteflies</p>	<p>2 Tbs</p>	<p>Apply as a thorough foliar spray. <b>Mimosa Webworms:</b> Apply as a thorough foliar spray when adults first appear. Make two additional applications at 4-5 week intervals.</p>

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INSECT CONTROL ON ORNAMENTAL TREES, SHRUBS, ROSES AND FLOWERS			
Plants	Insects	Rate per 3 Gal of Water	Timing/ Special Directions
<b>Trees and Shrubs-</b> cont'd. Arborvitae, Azaleas, Birch, Boxwood, Camellias, Douglas fir, Elm, Hawthorne, Holly, Juniper, Lilac, Locust, Maple, Mimosa, Oak, Pine, Ornamental plum, Poplar, Rhododendron, Spruce, Willow	Apple-and-Thorn skeletonizers, Hemlock chermes, Oak loopers, Obliquebanded leafrollers, Pear slugs, Tent caterpillars, Webworms, (Cotoneaster, Fall)	2 Tbs	Apply as a thorough foliar spray.
<b>Roses and Flowers</b> Azaleas, Camellias, Chrysanthemums, Carnations, Gladioli, Lilac, Rhododendron, Roses	Aphids, Euonymus scale crawlers, Flea beetles, Dipterous leafminers, Leafhoppers, Mealybugs, Mites (Carnation bud, Carnation shoot, Cyclamen, European red, Two-spotted spider), Thrips, Whiteflies	2 Tbs	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*	Crop	PHI*
Almonds	**	Nectarines	21
Apricots	21	Peaches	21
Blackberries	7	Plums	21
Boysenberries	7	Prunes	21
Cherries	21	Raspberries	7
Dewberries	7	Strawberries	5
Grapes	28	Walnuts	45
Loganberries	7		

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

\*\*Dormant spray only.

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

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FRUITS AND NUTS			
Crop	Pest	Rate	Timing/Special Directions
Almonds (CA only)	San Jose scale, Parlatoria scale	2 Tbs. per 3 gals. water	Apply only as a dormant spray. Do not apply more than 6 gallons per 500 sq. ft. of orchard. This product may be used on almonds only in CA. DO NOT use this product on almonds grown in other states.
Apricots	Aphids, Apricot mealybugs, Mites (Brown, Two-spotted spider), Scale crawlers (Olive, San Jose)	4 Tsp. per 2 gals. water	Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of orchard. Do not make more than 3 applications per season a minimum of 14 days apart. Do not apply within 21 days of harvest.
Caneberries (CA, OR, WA only): Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries	Aphids, Leafhoppers, Raspberry fruitworms, Two-spotted spider mites, Thrips	2 Tbs. per 3 gals. water	Apply as a full cover spray. Do not apply more than 5 gallons per 500 sq. ft. of field. Do not make more than 5 applications per season a minimum of 14 days apart. Do not apply within 7 days of harvest. This product may be used on caneberries only in CA, OR and WA. DO NOT use this product on caneberries grown in other states.
Cherries	Black cherry aphids, Cherry fruitflies, Cherry fruitworms (Maggots), Fruittree leafrollers, Mites (Cherry rust), Scale crawlers (San Jose)	4 Tsp. per 2 gals. water	Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of orchard. Do not make more than 3 applications per season a minimum of 7 days apart. Do not apply within 21 days of harvest.
Grapes	Aphids, Leafhoppers, Grape berry moths, Grape leafhoppers	4 1/2 Tsp. per 3 gals. water	Apply as a full cover spray. Do not apply more than 3 gallons 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 28 days of harvest.
Nectarines	Aphids, Mites (Brown, Two-spotted spider), Scale Crawlers (Olive, San Jose)	4 Tsp. per 2 gals. water	Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of orchard. Do not make more than 3 applications per season a minimum of 14 days apart. Do not apply within 21 days of harvest.

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FRUITS AND NUTS			
Crop	Pest	Rate	Timing/Special Directions
Peaches	Aphids, Mites (Brown, Two-spotted spider), Scale crawlers (Olive, San Jose)	4 Tsp. per 2 gals. water	Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of orchard. Do not make more than 3 applications per season a minimum of 14 days apart. Do not apply within 21 days of harvest.
Plums and Prunes	Aphids (Leafcurl plum, Mealy plum, Thistle), Mites (Brown, European red)	4 Tsp. per 2 gals. water	Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of orchard. Do not make more than 3 applications per season a minimum of 7 days apart. Do not apply within 21 days of harvest.
Strawberries	Aphids, Two-spotted spider mites, Strawberry leafrollers	2 Tbs. per 3 gals. water	Apply as a full cover spray. Do not apply more than 3 gallons 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 (CA only)	Aphids, Scale crawlers (Walnut, Italian pear, Frosted), Spider mites, Twig borers	2 Tbs. per 3 gals. water	Apply as a full cover spray. Do not apply more than 6 gallons 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. This product may be used on walnuts only in CA. DO NOT use this product on walnuts grown in other states.

**VEGETABLES**

For foliar or soil applications. DRAGON® 25% Diazinon 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. Do not apply to food crops grown in greenhouses.

12/2/93

Pre-Harvest Interval (PHI\*) for Foliar Applications

Crop	PHI* (Days)	Crop	PHI* (Days)	Crop	PHI* (Days)	Crop	PHI* (Days)
Beans <sup>1</sup>	7	Cauliflower	7	Kale	10	Radishes	14
(succulent varieties only: Lima, Pole & Snap)		Chinese Broccoli	10	Lettuce	14	Spinach	14
Broccoli	7	Chinese Cabbage	10	Muskmelons	3	Squash, Summer	7
Cabbage	21	Collards	10	Onions-bulb & green	14	Squash, Winter	3
Cantaloupes	3	Crenshaws	3	Parsnips	14	Sweet Corn	7
Carrots	14	Cucumbers	7	Peas <sup>1</sup>	7	Tomatoes	1
Casabas	3	Endive (Escarole)	14	Peppers	5	Turnips-roots & tops	14
		Honeydew Melons	3	Potatoes (Irish)	35	Watermelons	3

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

<sup>1</sup>DO NOT use this product on dried pea or bean varieties such as pinto beans, dried limas, split peas or dried black-eyed peas.

VEGETABLES			
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)  <b>NOTE: (1) DO NOT apply this product to dried bean varieties such as pinto beans or dried limas. (2) To protect bees, DO NOT apply foliage treatments if the beans or weeds in the treatment area are in bloom.</b>	Aphids, Cucumber beetles, Grasshoppers, Leafhoppers, Mexican bean beetles, Spider mites	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	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 Tbs. per 500 sq. ft. in a minimum of 1½ gals. 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 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms (snap beans only)	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches.
Beets, Red (table)	Cutworms (surface, subterranean)	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

12-109-12

**VEGETABLES**

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
Beets, Red (table) - cont'd.	Mole Crickets	2 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil 1-2 days before planting. Immediately work into soil 1-2 inches.
Broccoli	Aphids, Diamondback moths, Flea beetles, Imported cabbageworms, Dipterous leafminers <sup>1</sup>	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 7 days of harvest.
Cabbage	Aphids, Diamondback moths, Flea beetles, Imported cabbageworms, Dipterous leafminers <sup>1</sup>	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 21 days of harvest.
	Cutworms (surface, subterranean)	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. 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 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches.
	Wireworms	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches.
Carrots	Aphids, Flea beetles, Leafhoppers, Dipterous leafminers <sup>1</sup> , Spider mites	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 14 days of harvest.
	Cutworms (surface, subterranean)	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. 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 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches.

140455

**VEGETABLES**

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
Cauliflower	Aphids, Diamondback moths, Flea beetles, Imported cabbageworms, Dipterous leafminers <sup>1</sup>	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 7 days of harvest.
Chinese Broccoli	Aphids, Diamondback moths, Flea beetles, Imported cabbageworms, Dipterous Leafminers <sup>1</sup>	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	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 Cabbage (Bok Choy and Napa)	Aphids, Diamondback moths, Flea beetles, Imported cabbageworms, Dipterous leafminers <sup>1</sup>	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	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 <sup>1</sup>	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	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 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	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 <sup>1</sup> , Spider mites	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 14 days of harvest.
Kale	Aphids, Diamondback moths, Flea beetles, Imported cabbageworms, Dipterous leafminers <sup>1</sup>	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 10 days of harvest.
Lettuce	Aphids, Flea beetles, Leafhoppers, Dipterous leafminers <sup>1</sup> , Spider mites	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 14 days of harvest.
	Cutworms (surface, subterranean)	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Bro. cast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

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5045

**VEGETABLES**

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

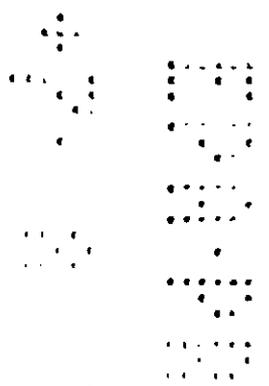
Crop	Pest	Rate	Timing/Special Directions
Peppers	Aphids, Colorado potato beetles, Flea beetles, Leafhoppers	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 5 days of harvest.
Potatoes	Aphids, Flea beetles, Leafhoppers, Colorado potato beetles, Southern armyworms, Dipterous leafminers <sup>1</sup>	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 35 days of harvest.
Radishes	Aphids, Flea beetles, Leafhoppers, Imported cabbageworms, Dipterous leafminers <sup>1</sup>	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 3 applications per season. DO NOT apply within 14 days of harvest.
	Cutworms (surface, subterranean)	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. 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 <sup>1</sup> , Spider mites	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 14 days of harvest.
Squash, summer	Aphids, Thrips, Spider mites	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	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 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	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 <b>NOTE:</b> To protect bees, do not apply to corn foliage during the pollen shed period.	Aphids, Thrips, Flea beetles, Grasshoppers, Spider mites	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Corn may be picked 7 days following last application.
	Cutworms (surface, subterranean)	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil just before planting; Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

10-3-93

**NOTICE:** Buyer assumes all risks of storage, use and handling of this material not in strict accordance with directions and cautions stated on this label (and in the accompanying booklet).

Distributed by  
**DRAGON CORPORATION**  
Roanoke, VA 24019

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17-04-83

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.  
16-157

DATE OF ISSUANCE

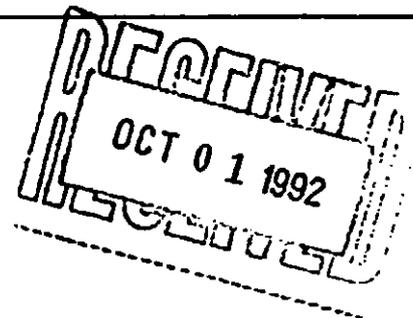
TERM OF ISSUANCE  
Until Reregistration

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT  
Dragon 25 % Diazinon  
Spray

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Dragon Corporation  
P. O. Box 7311  
7033 Walrond Drive, N.W  
Roanoke, Va 24019



NOTE: Changes in labeling formula 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 U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA sec. 4 when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 16-157" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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 is enclosed for your records.

George T. LaRocca  
Product Manager (13)  
Insecticide-Rodenticide Branch  
Registration Division (17505C)

Enclosures

**BEST AVAILABLE COPY**

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

September 29, 1992

**DRAGON®  
25% DIAZINON SPRAY**

EPA Reg. No. \_\_\_\_\_  
EPA Est. No. 16-VA-1

NET CONTENTS 1 QT (32 OZ)/1 PT (16 OZ)/8 OZ

18-1-1  
ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
SEP 29 1992  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
16-157

Protects lawns, vegetables, fruits, nuts, roses, flowers, ornamentals, trees and shrubs.

Controls ants, aphids, chinch bugs, cutworms, flea beetles, grubs, mites, sod webworms and many others.

Aids in control of fire ants.

Spray concentrate.

Controls many "hard-to-kill" sucking and chewing insects.

**THIS PRODUCT MUST NOT BE USED ON GOLF COURSES AND SOD FARMS. FOR OUTDOOR USE ON THE HOME LAWN AND THE HOME GARDEN ONLY.**

[Note to EPA: Label front panel may feature graphics representing insects controlled, e.g., grubs, mites, ants,.]

**ACTIVE INGREDIENT:**

Diazinon [0,0-Diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl)phosphorothioate] . . . . . 25%

**INERT INGREDIENTS\*:** . . . . . 75%

**TOTAL** . . . . . 100%

\*Contains aromatic petroleum distillates.

**Keep Out of Reach of Children  
CAUTION**

See back/side/other panel(s) for additional precautions.

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION:** Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye injury. Avoid breathing spray mist. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not use inside the home. Avoid contamination of feed and foodstuffs. Do not use on household pets or humans. Do not allow children or pets to go onto a treated area until the treated area, such as grass or soil, 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 one or two glasses of water and insert finger in back of throat. Do not induce vomiting or give anything by mouth if victim is unconscious or convulsing.

**IF INHALED:** Remove victim to fresh air and apply artificial respiration if indicated. Get medical attention, **IF**

**ON SKIN:** Wash promptly with soap and water. Rinse thoroughly. Get medical attention.

**IF IN EYES:** Rinse eyes with plenty of water and call a physician immediately.

1907-33

**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 aromatic petroleum distillates 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 Country, New York, Between November 1 and May 20. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds and waterfowls. Avoid overlapping of sprays. For lawns, 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 at least ¼ inch of water immediately after spraying this product, however, stop watering before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. 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 washwaters.

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.

**PHYSICAL OR CHEMICAL HAZARDS:** Do not use, pour, spill or store near heat or open flame.

**DIRECTIONS FOR USE**

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

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL, CROP INJURY OR ILLEGAL RESIDUES.**

[SEE ADDITIONAL USE PRECAUTIONS AND DIRECTIONS IN ATTACHED BOOKLET]

**GENERAL INFORMATION:** DRAGON 25% Diazinon 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 which damage lawns, roses, flowers, trees, shrubs, vegetables, fruits and nuts, and insects which annoy pets and people. Contains Diazinon insecticide which provides positive control of many "hard-to-kill" sucking and chewing insects. Dragon 25% Diazinon works fast and applications should be repeated only as directed to maintain control.

- NOTE:**
1. USE CONTENTS WITHIN 6 MONTHS 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. Use this product on succulent peas and beans only. Do not use on dried pea or bean varieties.
  5. Do not apply to food crops grown in green houses.

5-24-2

**PRECAUTIONS:**

1. Wear a 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 Dragon 25% Diazinon 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 list of use sites, crops and insects controlled. Use the rate given in the chart for the type of insect you want to control on the site or crop you are spraying.

**MEASUREMENT CONVERSIONS:**

- 1 tablespoon (Tbs) = 3 teaspoons (Tsp)
- 1 fl. oz. = 6 Tsp or 2 Tbs
- 6 fl. oz. = 3/4 cup
- 1 1/2 Tbs in 3 gals of water = 1 1/2 Tsp in 1 gal of water
- 2 Tbs in 3 gals of water = 2 Tsp in 1 gal of water

After spraying, wait the following number of days before harvesting fruits, nuts or vegetables:

- 1 day Tomatoes
- 3 days Melons, Winter squash
- 5 days Peppers, Strawberries
- 7 days Beans, Broccoli, Blackberries, Boysenberries, Cauliflower, Cucumbers, Dewberries, Loganberries, Peas, Raspberries, Summer Squash, Sweet Corn
- 10 days Chinese broccoli, Chinese cabbage, Collards, Kale
- 14 days Carrots, Endive (Escarole), Lettuce, Onions (bulb and green), Parsnips, Radishes, Spinach, Turnips
- 21 days Apricots, Cabbage, Cherries, Nectarines, Peaches, Plums, Prunes
- 28 days Grapes
- 35 days Potatoes (Irish)
- 45 days Walnuts
- \*\* Almonds (one dormant spray only)

+The following Problem Area/Pest table is only a partial listing of the pests controlled by this product. See (additional tables that follow/attached booklet) for complete directions for use and pests controlled.

Problem Area	Pests+
Nuisance Pests in Outside Areas	Ants, Brown dog ticks, Chiggers, Cockroaches, Crickets, Fleas, Fire ants, Spiders and others+
Lawns	Chinch bugs, Ants, Sod webworms, Brown dog ticks, Fleas, White grubs, Lawn billbugs and others+

21-2433

Problem Area	Pests+
<b>Vegetables: Foliar Application</b> Beans, Peas (except dried variety) Broccoli, Chinese broccoli, Cabbage, Chinese cabbage, Cauliflower, Collards, Kale Endive (Escarole), Lettuce, Spinach Peppers, Tomatoes Onions (bulb and green) Radishes, Turnips, Carrots, Parsnips, Potatoes Sweet corn Melons, Squash (summer, winter)	Aphids, Cucumber beetles, Grasshoppers, Leafhoppers, Mexican bean beetles, Spider mites Aphids, Flea beetles, Dipterous leafminers, Diamondback moths, Imported cabbageworms Aphids, Flea beetles, Leafhoppers, Dipterous leafminers, Spider mites aphids, Colorado potato beetles, Fall armyworms (tomatoes), Flea beetles, Leafhoppers, Southern armyworms (tomatoes), Vinegar flies - <i>Drosophila</i> spp. (tomatoes) Onion thrips Aphids, Flea beetles, Leafhoppers, Dipterous leafminers, Colorado potato beetles (potatoes), Southern armyworms (potatoes) Aphids, Flea beetles, Grasshoppers, Spider mites Aphids, Thrips, Spider mites
<b>Vegetables: Preplant Soil Application</b> Beans, Peas (except dried varieties) Beets, Red (table) Cabbage Carrots, Sweet Corn Lettuce, Tomatoes Radishes, Turnips	Cutworms, Mile crickets, Wireworms (snap beans) Cutworms, Mole crickets Cutworms, Root maggots, Wireworms Cutworms, Mole crickets, Wireworms Cutworms, Wireworms Cutworms
<b>Fruits &amp; Nuts</b> Almonds (California only) Walnuts (California only) Apricots, Peaches, Nectarines Cherries Plums, Prunes	Scale crawlers Aphids, Scale crawlers, Spider mites and others + Aphids, apricot mealybugs (apricots), Spider mites, Scale crawlers Black cherry aphids, Cherry fruitflies, Cherry rust mites, Scale crawlers and others + Aphids, Spider mites



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250425

Problem Area		Pests+
Fruits & Nuts (cont'd.)	Caneberries (CA, OR, WA only): Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries	Aphids, leafhoppers, Two-spotted spider mites, Thrips, Raspberry fruitworms
	Strawberries	Aphids, Two-spotted spider mites, Strawberry leafrollers
	Grapes	Aphids, Grape berry moths, Grape leafrollers, Leafhoppers
Roses & Flowers	Azaleas, Camellias, Chrysanthemums, Carnations, Gladioli, Lilac, Rhododendron, Roses	Aphids, Flea beetles, Dipterous leafminers, Leafhoppers, Mealybugs, Two-spotted spider mites, Thrips, Whiteflies and others+
Ornamental Trees & Shrubs	Arborvitae, Azaleas, Birch, Boxwood, Camellias, Douglas fir, Elm, Hawthorn holly, Juniper, Lilac, Locust, Maple, Mimosa, Oak, Pine, Ornamental plum, Poplar, Rhododendron, Spruce, Willow	Aphids, Mites, Scale crawlers, Whiteflies, Tent caterpillars and others+

**LAWN PEST CONTROL**

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 21. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds and waterfowls. Avoid overlapping of sprays. 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), water lawn with at least 1/4 inch of water immediately after spraying this product; however, stop watering before puddling occurs.

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

To control pests listed below, apply recommended rates.

LAWN PEST CONTROL			
Pests	Rate		Remarks
	Dragon 25% Diazinon	Water	
Lawn Chinch Bugs	1 1/2 Tbs per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gal  24 gal	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 Tsp in 5 gals of water covers 125 sq. ft., or 4 1/2 Tsp in 24 gals of water per 1,000 sq. ft.

2-1-77

LAWN PEST CONTROL

Pests	Rate		Remarks
	Dragon 25% Diazinon	Water	
Ants, Armyworms, Bermudagrass mites, Clover mites, Springtails ( <i>Collembola</i> ), Crickets, Cutworms, Digger wasps, Earwigs, Frit flies, Lawn billbugs, Leafhoppers, Sod webworms (Lawn moths), Sowbugs (Pillbugs)	1½ Tbs per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gal  24 gal	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. Billbug control: Apply when activity is first observed or when chewed or brown grass is present indicating damage from the insect. For frit flies mow grass and water thoroughly before treatment, but delay application until grass is dry.
Brown dog ticks, Chiggers, Fleas	1½ Tbs per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gals  24 gals	<b>NOTE: DO NOT APPLY THIS PRODUCT TO ANIMALS.</b>  For brown dog ticks spray grass and under shrubbery, particularly near house.
Hyperodes Weevil	1½ Tbs per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gals  24 gals	Treat problem areas in mid-April and again in mid-May. Water grass thoroughly after application.
Millipedes	1½ Tbs per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gals  24 gals	Thoroughly wet grass a few hours before applying.
Rhodesgrass scale	1½ Tbs per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gals  24 gals	Apply when crawlers first emerge.
White grubs of Japanese beetle, European chafer, Southern chafer	1½ Tbs per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gals  24 gals	Apply any time between late July and early October. Water grass thoroughly after application.

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NUISANCE PESTS OUTSIDE THE HOME	
<p>Ants, Boxelder bugs, Brown dog ticks, Chiggers, Clover mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Sowbugs (Pillbugs), Spiders, Springtails (Collembola)</p>	<p>Mix 6 fl. oz. in 3 gals of water and thoroughly spray window and door screens, sills, foundations, porch and patio walls, entranceways, walks, garbage cans, tree trunks and into cracks and other places where insects hide.</p> <p>To prevent entry into houses, spray a five-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.</p> <p><b>DO NOT</b> treat animals with this product. <b>DO NOT</b> treat plants (other than tree trunks) at this nuisance pest rate.</p>
<p>Fire Ants</p>	<p>To aid in the control of fire ants in home lawns and other outdoor home recreation areas, apply 2 Tbs in a minimum of 1 gal of water as a drench. Apply over and 6 inches around each mound. Apply gently to avoid disturbing ants. Reapply as necessary. Larger quantities of solution can be prepared for multiple mound treatments. 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><b>NOTE:</b> 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 ORNAMENTAL TREES, SHRUBS, ROSES AND FLOWERS			
Plants	Insects	Rate per 3 Gal of Water	Timing/ Special Directions
<p>Trees and Shrubs Arborvitae, Azaleas, Birch, Boxwood, Camellias, Douglas fir, Elm, Hawthorne, Holly, Juniper, Lilac, Locust, Maple, Mimosa, Oak, Pine, Ornamental plum, Poplar, Rhododendron, Spruce, Willow</p>	<p>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, Two-spotted spider), Obscure root weevils, Omnivorous leaf-tiers, Scale crawlers (Cottony-cushion, Euonymus, Lecanium, Pine needle, Pit, San Jose, Soft)</p>	2 Tbs	Apply as a thorough foliar spray. Wet leaves and branches to the dripping point. Try to penetrate dense foliage with spray.
	<p>Webworms (Juniper, Mimosa), Whiteflies</p>	2 Tbs	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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INSECT CONTROL ON ORNAMENTAL TREES, SHRUBS, ROSES AND FLOWERS			
Plants	Insects	Rate per 3 Gal of Water	Timing/ Special Directions
Trees and Shrubs- cont'd. Arborvitae, Azaleas, Birch, Boxwood, Camellias, Douglas fir, Elm, Hawthorne, Holly, Juniper, Lilac, Locust, Maple, Mimosa, Oak, Pine, Ornamental plum, Poplar, Rhododendron, Spruce, Willow	Apple-and-Thorn skeletonizers, Hemlock chermes, Oak loopers, Obliquebanded leafrollers, Pear slugs, Tent caterpillars, Webworms, (Cotoneaster, Fall)	2 Tbs	Apply as a thorough foliar spray.
Roses and Flowers Azaleas, Camellias, Chrysanthemums, Carnations, Gladioli, Lilac, Rhododendron, Roses	Aphids, Euonymus scale crawlers, Flea beetles, Dipterous leafminers, Leafhoppers, Mealybugs, Mites (Carnation bud, Carnation shoot, Cyclamen, European red, Two-spotted spider), Thrips, Whiteflies	2 Tbs	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*	Crop	PHI*
Almonds	**	Nectarines	21
Apricots	21	Peaches	21
Blackberries	7	Plums	21
Boysenberries	7	Prunes	21
Cherries	21	Raspberries	7
Dewberries	7	Strawberries	5
Grapes	28	Walnuts	45
Loganberries	7		

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

\*\*Dormant spray only.

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

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FRUITS AND NUTS			
Crop	Pest	Rate	Timing/Special Directions
Almonds (CA only)	San Jose scale, Parlatoria scale	2 Tbs. per 3 gals. water	Apply only as a dormant spray. Do not apply more than 6 gallons per 500 sq. ft. of orchard. This product may be used on almonds only in CA. DO NOT use this product on almonds grown in other states.
Apricots	Aphids, Apricot mealybugs, Mites (Brown, Two-spotted spider), Scale crawlers (Olive, San Jose)	4 Tsp. per 2 gals. water	Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of orchard. Do not make more than 3 applications per season a minimum of 14 days apart. Do not apply within 21 days of harvest.
Caneberries (CA, OR, WA only): Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries	Aphids, Leafhoppers, Raspberry fruitworms, Two-spotted spider mites, Thrips	2 Tbs. per 3 gals. water	Apply as a full cover spray. Do not apply more than 5 gallons per 500 sq. ft. of field. Do not make more than 5 applications per season a minimum of 14 days apart. Do not apply within 7 days of harvest. This product may be used on caneberries only in CA, OR and WA. DO NOT use this product on caneberries grown in other states.
Cherries	Black cherry aphids, Cherry fruitflies, Cherry fruitworms (Maggots), Fruittree leafrollers, Mites (Cherry rust), Scale crawlers (San Jose)	4 Tsp. per 2 gals. water	Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of orchard. Do not make more than 3 applications per season a minimum of 7 days apart. Do not apply within 21 days of harvest.
Grapes	Aphids, Leafhoppers, Grape berry moths, Grape leafrollers	4 1/2 Tsp. per 3 gals. water	Apply as a full cover spray. Do not apply more than 3 gallons 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 28 days of harvest.
Nectarines	Aphids, Mites (Brown, Two-spotted spider), Scale Crawlers (Olive, San Jose)	4 Tsp. per 2 gals. water	Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of orchard. Do not make more than 3 applications per season a minimum of 14 days apart. Do not apply within 21 days of harvest.

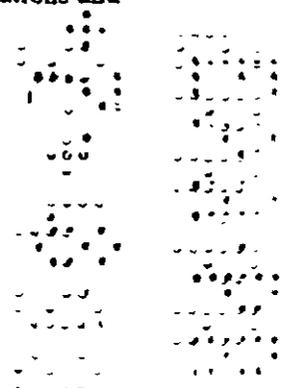
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FRUITS AND NUTS			
Crop	Pest	Rate	Timing/Special Directions
Peaches	Aphids, Mites (Brown, Two-spotted spider), Scale crawlers (Olive, San Jose)	4 Tsp. per 2 gals. water	Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of orchard. Do not make more than 3 applications per season a minimum of 14 days apart. Do not apply within 21 days of harvest.
Plums and Prunes	Aphids (Leafcurl plum, Mealy plum, Thistle), Mites (Brown, European red)	4 Tsp. per 2 gals. water	Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of orchard. Do not make more than 3 applications per season a minimum of 7 days apart. Do not apply within 21 days of harvest.
Strawberries	Aphids, Two-spotted spider mites, Strawberry leafrollers	2 Tbs. per 3 gals. water	Apply as a full cover spray. Do not apply more than 3 gallons 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 (CA only)	Aphids, Scale crawlers (Walnut, Italian pear, Frosted), Spider mites, Twig borers	2 Tbs. per 3 gals. water	Apply as a full cover spray. Do not apply more than 6 gallons 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. This product may be used on walnuts only in CA. DO NOT use this product on walnuts grown in other states.

**VEGETABLES**

For foliar or soil applications. DRAGON® 25% Diazinon 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. Do not apply to food crops grown in greenhouses.



28.3-1

Pre-Harvest Interval (PHI\*) for Foliar Applications

Crop	PHI* (Days)	Crop	PHI* (Days)	Crop	PHI* (Days)	Crop	PHI* (Days)
Beans <sup>1</sup>	7	Cauliflower	7	Kale	10	Radishes	14
(succulent varieties only: Lima, Pole & Snap)		Chinese Broccoli	10	Lettuce	14	Spinach	14
Broccoli	7	Chinese Cabbage	10	Muskmelons	3	Squash, Summer	7
Cabbage	21	Collards	10	Onions-bulb & green	14	Squash, Winter	3
Cantaloupes	3	Crenshaws	3	Parsnips	14	Sweet Corn	7
Carrots	14	Cucumbers	7	Peas <sup>1</sup>	7	Tomatoes	1
Casabas	3	Endive (Escarole)	14	Peppers	5	Turnips-roots & tops	14
		Honeydew Melons	3	Potatoes (Irish)	35	Watermelons	3

\*PHI = Pre-Harvest Interval, or the number of days between the last application and harvest.  
<sup>1</sup>DO NOT use this product on dried pea or bean varieties such as pinto beans, dried limas, split peas or dried black-eyed peas.

VEGETABLES			
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)  NOTE: (1) DO NOT apply this product to dried bean varieties such as pinto beans or dried limas. (2) To protect beans, DO NOT apply foliage treatments if the beans or weeds in the treatment area are in bloom.	Aphids, Cucumber beetles, Grasshoppers, Leafhoppers, Mexican bean beetles, Spider mites	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	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 Tbs. per 500 sq. ft. in a minimum of 1½ gals. 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 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms (snap beans only)	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches.
Beets, Red (table)	Cutworms (surface, subterranean)	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

**VEGETABLES**

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
Beets, Red (table) - cont'd.	Mole Crickets	2 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil 1-2 days before planting. Immediately work into soil 1-2 inches.
Broccoli	Aphids, Diamondback moths, Flea beetles, Imported cabbageworms, Dipterous leafminers <sup>1</sup>	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 7 days of harvest.
Cabbage	Aphids, Diamondback moths, Flea beetles, Imported cabbageworms, Dipterous leafminers <sup>1</sup>	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 21 days of harvest.
	Cutworms (surface, subterranean)	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. 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 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches.
	Wireworms	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches.
Carrots	Aphids, Flea beetles, Leafhoppers, Dipterous leafminers <sup>1</sup> , Spider mites	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 14 days of harvest.
	Cutworms (surface, subterranean)	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. 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 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches.

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**VEGETABLES**

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
Cauliflower	Aphids, Diamondback moths, Flea beetles, Imported cabbageworms, Dipterous leafminers <sup>1</sup>	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 7 days of harvest.
Chinese Broccoli	Aphids, Diamondback moths, Flea beetles, Imported cabbageworms, Dipterous Leafminers <sup>1</sup>	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	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 Cabbage (Bok Choy and Napa)	Aphids, Diamondback moths, Flea beetles, Imported cabbageworms, Dipterous leafminers <sup>1</sup>	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	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 <sup>1</sup>	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	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 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	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 <sup>1</sup> , Spider mites	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 14 days of harvest.
Kale	Aphids, Diamondback moths, Flea beetles, Imported cabbageworms, Dipterous leafminers <sup>1</sup>	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 10 days of harvest.
Lettuce	Aphids, Flea beetles, Leafhoppers, Dipterous leafminers <sup>1</sup> , Spider mites	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 14 days of harvest.
	Cutworms (surface, subterranean)	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. 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 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches.

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**VEGETABLES**

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
Melons (Cantaloupes, Casabas, Crenshaws, Honeydews, Muskmelons, Persians and hybrids of these) and Watermelons	Aphids, Thrips, Spider mites	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	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 (bulb and green)	Onion thrips	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 14 days of harvest.
Parsnips	Aphids, Flea beetles, Leafhoppers, Dipterous leafminers <sup>1</sup> , Spider mites	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat applications every 7 days up to 5 applications per season. DO NOT apply within 14 days of harvest.
Peas (succulent only)	Aphids, Cucumber beetles, Grasshoppers, Leafhoppers, Mexican bean beetles, Spider mites	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 5 days up to 3 applications per season. Allow at least 7 days between the last application and harvest.
NOTE: (1) DO NOT apply this product to dried pea varieties such as split peas or dried black- eyed peas. (2) To protect bees, DO NOT apply foliage treatments if peas or weeds in the treatment area are in bloom.	Cutworms (surface, subterranean)	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. 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 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches.
Peppers	Aphids, Colorado potato beetles, Flea beetles, Leafhoppers	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 5 days of harvest.

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**VEGETABLES**

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
Potatoes	Aphids, Flea beetles, Leafhoppers, Colorado potato beetles, Southern armyworms, Dipterous leafminers <sup>1</sup>	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 35 days of harvest.
Radishes	Aphids, Flea beetles, Leafhoppers, Imported cabbageworms, Dipterous leafminers <sup>1</sup>	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 3 applications per season. DO NOT apply within 14 days of harvest.
	Cutworms (surface, subterranean)	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. 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 <sup>1</sup> , Spider mites	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 14 days of harvest.
Squash, summer	Aphids, Thrips, Spider mites	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	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 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	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, Thrips, Flea beetles, Grasshoppers, Spider mites	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. Corn may be picked 7 days following last application.
	NOTE: To protect bees, do not apply to corn foliage during the pollen shed period.	Cutworms (surface, subterranean)	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water
	Mole crickets	2 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil just before planting. Immediately work into soil 4-8 inches.

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VEGETABLES			
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
Tomatoes	Aphids, Colorado potato beetles, Fall armyworms, Flea beetles, Leafhoppers, Southern armyworms, Vinegar flies ( <i>Drosophila spp.</i> )	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	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 Tbs. per 500 sq. ft. in a minimum of 1½ gals. 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 Tbs. per 500 sq. ft. in a minimum of 1½ gals. 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 <sup>1</sup>	2 Tbs. in 3 gals. of water to cover 1,000 sq. ft.	Thoroughly spray all plant parts. Repeat application every 7 days up to 5 applications per season. DO NOT apply within 14 days of harvest.
	Cutworms (surface, subterranean)	6 Tbs. per 500 sq. ft. in a minimum of 1½ gals. water	Broadcast to the soil just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

<sup>1</sup>NOTE: Resistant leafminers will not be controlled by diazinon or similar type insecticides.

**STORAGE & 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.**

**PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash.

**CONTAINER DISPOSAL:** Do not reuse empty container. Wrap and discard in trash.

**NOTICE:** Buyer assumes all risks of storage, use and handling of this material not in strict accordance with directions and cautions stated on this label (and in the accompanying booklet).

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