

FEB -6 1998

Ms. Rebecca Horton
Dragon Corporation
P.O. Box 7311
Roanoke, VA 24019

Dear Ms. Horton:

Subject: Amendment - Revise Storage & Disposal text
Dragon Diazinon Water Based Concentrate
EPA Registration Number 16-166
Your submission dated September 23, 1997

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c) (7) (a), is acceptable provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c) (5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a) On the front panel, revise the claim "...and many others" to "...and many others as listed in directions".
 - b) In VERSION A, in the first sentence of the GENERAL INFORMATION, add "must" between "Concentrate" and "be diluted".
 - c) In VERSION A, in Step 3 of HOW TO MIX AND APPLY, delete "Flush sprayer with clean water after each use." since this same sentence correctly appears as Step 4.
 - d) Throughout VERSION A (in both the Measurement Conversions table and in the various directions for use), please be consistent in adding the period after abbreviations such as "tsp.", "Tbs.", "gal." and "gals."

- e) Throughout VERSION A there are apparently random variations in the thickness of the horizontal lines in some columns or parts of columns. The Agency assumes this is a word processing glitch that will be corrected on the finished label.
- f) In VERSION A, under the heading **FRUITS AND NUTS**, in the PHI sentence add "to wait" between "days" and "between".
- g) The **Timing/Special Directions** for Blueberries is the only case in the **FRUITS AND NUTS** directions that uses "gals." instead of "gallons". Is there a reason for this one-time variance?
- h) Revise the first sentence of the **Timing/Special Directions** for Grapes to read "Apply at the rate of 1 1/2 tsp. in 1 gallon of water as a full cover spray." [as it appears in VERSION B for this same crop].
- i) In VERSION A, under the heading **VEGETABLES**, in the PHI sentence add "to wait" between "days" and "between".
- j) In the Crop/(PHI) column entry for Turnips, delete "Turnips (roots & tops) cont'd" since there is no page break in the current text.
- k) In VERSION B, in the first sentence of the **GENERAL INFORMATION**, add "must" between "Concentrate" and "be diluted".
- l) In VERSION B, in Step 3 of **HOW TO MIX AND APPLY**, delete "Flush sprayer with clean water after each use." since this same sentence correctly appears as Step 4.
- m) Throughout VERSION B (in both the **Measurement Conversions** table and in the various directions for use), please be consistent in adding the period after abbreviations such as "tsp.", "Tbs.", "gal." and "gals.".
- n) In VERSION B, in the **LAWN PEST CONTROL** directions, relocate "NOTE: DO NOT APPLY THIS PRODUCT TO ANIMALS." to appear after "For brown dog ticks, spray grass and under shrubbery, particularly near the house." rather than before that sentence.
- o) In VERSION B, under the heading **FRUITS AND NUTS**, in the PHI sentence add "to wait" between "days" and "between".
- p) In VERSION B, under the heading **VEGETABLES**, in the PHI sentence add "to wait" between "days" and "between".

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- q) In VERSION B, in item 2 of the NOTE for the crop Beans, revise "protectbees" to "protect bees".
- 3. Submit three (3) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,

George T. LaRocca
Product Manager 13
Insecticide/Rodenticide Branch
Registration Division (7505C)

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[FRONT PANEL]

DRAGON®
DIAZINON WATER-BASED CONCENTRATE

Nothing Beats The Dragon!

- 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.
- Concentrated
- Broad spectrum pest control
- Less smell
- Low odor
- Reduced odor formulation
- Easy-to-mix
- Easy-to-apply
- Handles easily
- Dilute and spray
- Excellent performance
- Controls soil, foliar and sucking pests
- Convenient water-based formula
- Concentrated = better value
- Protects home lawns and home vegetable gardens
- Controls pests in the home lawn and home garden
- Controls a wide spectrum of pests
- Soil and foliar insecticide with broad spectrum control
- Spray on foliage or soil to control numerous pests
- Reliable control
- Covers up to _____ sq. ft. of lawn
- Fast acting
- Dependable control
- Time tested insecticide
- Economical
- New water-based formula (Note: The term "new" may be used for no longer than 6 months following product introduction into the marketplace.)
- Use on home lawns, ornamentals, vegetables and fruits

ACCEPTED
with COMMENTS
in EPA Letter Dated

FEB - 6 1998

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
16-166

THIS PRODUCT MUST NOT BE USED ON GOLF COURSES AND SOD FARMS. [must appear in top 1/2 front panel]
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 [O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)phosphorothioate]	22.4%
INERT INGREDIENTS:	77.6%
TOTAL	100.0%

Keep Out of Reach of Children

CAUTION

See back/side/other panel(s) for additional precautions.
NET CONTENTS _____ FL OZ

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[BACK/SIDE/OTHER PANELS/BOOKLET, WHEN NECESSARY]

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with eyes, skin or clothing. Avoid breathing spray mist. 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.

FIRST AID

IF SWALLOWED: Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

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. If ingested, induce emesis or lavage stomach.

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 those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of sprays. For lawns, where watering is recommended in the directions, or if waterfowl (ducks or geese) can be expected in the treated area after treatment (except spot treatment), water lawn with 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. 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.

VERSION A [table format]

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.

GENERAL INFORMATION: DRAGON Diazinon Water-based Concentrate be diluted with water before application. To avoid having spray mixture left over, mix only the amount needed. This product kills many outdoor pests which damage lawns, roses, flowers, trees, shrubs, vegetables and fruits, and insects which annoy

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pets and people.

- NOTE:**
1. Do not use inside the home.
 2. Do not use on ferns, poinsettia, hibiscus, papaya, pilea, gardenia or orchids since plant injury may occur.
 3. Use this product on succulent peas and beans only. Do not use on dried pea or bean varieties.
 4. Do not apply to food crops grown in greenhouses.

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 Diazinon Water-based 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 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.
- Step 4:** Flush sprayer with clean water after each use.

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, Blueberries, 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, Rutabagas, 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)

Problem Area		Pests+
		Following 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.
	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+
Vegetables: Foliar Application	Beans, Peas (except dried varieties)	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, Rutabagas	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)
	Beets, Red (table)	Cutworms, Mole crickets
	Cabbage	Cutworms, Root maggots, Wireworms
	Carrots, Sweet Corn	Cutworms, Mole crickets, Wireworms

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	Lettuce, Tomatoes	Cutworms, Wireworms
	Radishes, Rutabagas, Turnips	Cutworms
Fruits & Nuts (cont'd.)	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
	Blueberries	Aphids, Blueberry maggots, Cherry fruitworms, Cranberry fruitworms, Two-spotted spider mites, Thrips
	Cherries	Black cherry aphids, Cherry fruitflies, Cherry rust mites, Scale crawlers and others+
	Plums, Prunes	Aphids, Spider mites
	Caneberries, Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries (CA, OR, WA only)	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, Lilies, Marigolds, Pansies, Petunias, 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, Crabapple, Dogwood, Douglas fir, Elm, Euonymus, Hawthorn, Holly, Honeysuckle, Honey locust, Juniper, Lilac, Locust, Maple, Mimosa, Oak, Pine, Ornamental plum, Poplar, Rhododendron, Scotch pine, Spirea, Spruce, Sycamore, Wax plant (Hoya), Willow, Yellowwood, Yew	Aphids, Mites, Scale crawlers, Whiteflies, Tent caterpillars and others+

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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 20. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of sprays. Where watering is recommended in the directions, or if waterfowl (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. Augustinegrass. To control pests listed below, apply recommended rates.

Pests	Rate		Remarks
	Diazinon	Water	
Lawn Chinch Bugs	1 1/2 Tbs per 125 sq ft or 6 fl. oz. 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 tsp in 3 gals of water covers 125 sq. ft., or 4 fl. oz. in 24 gals of water per 1,000 sq. ft.
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)	1 1/2 Tbs per 125 sq ft or 6 fl. oz. 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. 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	1 1/2 Tbs per 125 sq ft or 6 fl. oz. per 1,000 sq ft	3 gals 24 gals	NOTE: DO NOT APPLY THIS PRODUCT TO ANIMALS. For brown dog ticks spray grass and under shrubbery, particularly near house.
Hyperodes Weevil	1 1/2 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	1 1/2 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.

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Pests	Rate		Remarks
	Diazinon	Water	
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.

NUISANCE PESTS OUTSIDE THE HOME	
Ants, Boxelder bugs, Brown dog ticks, Chiggers, Clover mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Sowbugs (Pillbugs), Spiders, Springtails (Collembola)	<p>Mix 2 fl. oz. in 1 gal 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 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.</p> <p>DO NOT treat animals with this product. DO NOT treat plants (other than tree trunks) at this nuisance pest rate.</p>
Fire Ants	<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>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>

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INSECT CONTROL ON ORNAMENTAL TREES, SHRUBS, ROSES AND FLOWERS			
Spray when listed pests first appear. Repeat as necessary.			
Plants	Insects	Rate per 1 Gal of Water	Timing/ Special Directions
Trees and Shrubs Arborvitae, Azaleas, Birch, Boxwood, Camellias, Crabapple, Dogwood, Douglas fir, Elm, Euonymus, Hawthorn, Holly, Honey locust, Honeysuckle, Juniper, Lilac, Locust, Maple, Mimosa, Oak, Pine, Ornamental plum, Poplar, Rhododendron, Scotch pine, Spirea, Spruce, Sycamore, Wax plant (Hoya), Willow, Yellowwood, Yew	Aphids, Apple-and-Thorn Skeletonizers, Bagworms, European pine sawfly, European pine shoot moths, Holly bud moths, Dipterous leafminers (Arborvitae, Azalea, Birch, Boxwood, Holly, Oak), Hemlock chermes, Leafhoppers, Mealybugs, Mites (Clover, Cyclamen, European red, Privet, Two-spotted spider), Oak loopers, Oblique-banded leafrollers, Obscure root weevils, Omnivorous leaf tiers, Pear slugs, Scale crawlers (Cottonycushion, Euonymus, Lecanium, Pine needle, Pit, San Jose, Soft), Tent caterpillars, Webworms (Cotoneaster, Fall, Juniper, Mimosa), Whiteflies	2 tsp	Apply as a thorough foliar spray. Wet leaves and branches to the dripping point. Try to penetrate dense foliage with spray. Mimosa webworms: apply when adults first appear. Make 2 additional applications at 4-5 week intervals.
Roses and Flowers Azaleas, Camellias, Chrysanthemums, Carnations, Gladioli, Lilac, Lilies, Marigolds, Pansies, Petunias, Rhododendron, Roses	Aphids, Dipterous leafminers, Euonymus scale crawlers, Flea beetles, Leafhoppers, Mealybugs, Mites (Carnation bud, Carnation shoot, Cyclamen, European red, Two-spotted spider), Thrips, Whiteflies	2 tsp	Apply as a thorough foliar spray. Try to spray underside of leaves and penetrate dense foliage.

FRUITS AND NUTS		
Apply at the rate of 2 tsp. per 1 gal. of water for all crops except grapes (1½ tsp. per 1 gal.). 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 number of days between last application and harvest of the crop [pre-harvest interval (PHI)] shown in parentheses for each crop, as well as intervals between applications and total number of applications that can be made per season.		
NOTE: To protect bees, do not apply to fruit trees when trees or substantial numbers of weeds around the trees are in bloom.		
Crop/(PHI)	Pest	Timing/Special Directions
Almonds (Dormant spray only) —CA only	San Jose scale, Parlatoria scale	Apply only as a dormant spray. Do not apply more than 6 gallons per 500 sq. ft. of home orchard. This product may be used on almonds in CA only. DO NOT use this product on almonds grown in other states.

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Crop/(PHI)	Pest	Timing/Special Directions
Apricots (21)	Aphids, Apricot mealybugs, Mites (Brown, Two-spotted spider), Scale crawlers (Olive, San Jose)	Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 14 days apart.
Blueberries (7)	Aphids, Blueberry maggots, Cherry fruitworms, Cranberry fruitworms, Thrips, Two-spotted spider mites	Apply as a full cover spray. Allow a minimum of 14 days between applications. Do not apply more than 4 gals. per 500 sq. ft. of blueberry patch. Do not make more than 2 applications per season.
Caneberries (7) —CA, OR, WA only: Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries	Aphids, Leafhoppers, Raspberry fruitworms, Two-spotted spider mites, Thrips	Apply as a full cover spray. Do not apply more than 5 gallons per 500 sq. ft. of caneberry patch. Do not make more than 5 applications per season, a minimum of 14 days apart. This product may be used on caneberries in CA, OR and WA only. DO NOT use this product on caneberries grown in other states.
Cherries (21)	Black cherry aphids, Cherry fruitflies, Cherry fruitworms (Maggots), Fruittree leafrollers, Mites (Cherry rust), Scale crawlers (San Jose)	Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 7 days apart.
Grapes (28)	Aphids, Grape berry moths, Grape leafhoppers, Leafhoppers	Apply as a full cover spray. Do not apply more than 3 gallons per 500 sq. ft. of home vineyard. Do not make more than 5 applications per season, a minimum of 7 days apart.
Nectarines (21)	Aphids, Mites (Brown, Two-spotted spider), Scale Crawlers (Olive, San Jose)	Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 14 days apart.
Peaches (21)	Aphids, Mites (Brown, Two-spotted spider), Scale crawlers (Olive, San Jose)	Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 14 days apart.
Plums and Prunes (21)	Aphids (Leafcurl plum, Mealy plum, Thistle), Mites (Brown, European red)	Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 7 days apart.

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Crop/(PHI)	Pest	Timing/Special Directions
Strawberries (5)	Aphids, Two-spotted spider mites, Strawberry leafrollers	Apply as a full cover spray. Do not apply more than 3 gallons per 500 sq. ft. of strawberry patch. Do not make more than 3 applications per season, a minimum of 7 days apart.
Walnuts (45) —CA only	Aphids, Scale crawlers (Walnut, Italian pear, Frosted), Spider mites, Twig borers	Apply as a full cover spray. Do not apply more than 6 gallons per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 14 days apart. Do not apply after husks open or split. This product may be used on walnuts in CA only. DO NOT use this product on walnuts grown in other states.

VEGETABLES			
<p>DRAGON® Diazinon Water-based Concentrate should be applied in the volume of water recommended below to assure thorough coverage of the foliage or soil. For application to the foliage, thoroughly spray all plant parts. For soil applications, you may need to mix the recommended amount of pesticide in more water to get even coverage. Application to the soil should be mixed into the soil immediately after application. Observe number of days between last application and harvest of the crop [pre-harvest interval (PHI)] shown in parentheses for each crop, as well as intervals between applications and total number of applications that can be made per season. Do not apply to food crops grown in greenhouses.</p>			
Crop/(PHI)	Pest	Rate per 1 Gal. of Water to Cover 500 sq. ft. of Garden	Timing/Special Directions
Beans (7) — 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 bees, 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	1 tsp.	Thoroughly spray all plant parts. Repeat application every 5 days, up to 3 applications per season.
	Cutworms (surface, subterranean)	6 Tbs.	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
	Mole Crickets	2 Tbs.	Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms (snap beans only)	6 Tbs.	Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.

Crop/(PHI)	Pest	Rate per 1 Gal. of Water to Cover 500 sq. ft. of Garden	Timing/Special Directions
Beets, Red (table)	Cutworms (surface, subterranean)	6 Tbs.	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
	Mole Crickets	2 Tbs.	Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.
Broccoli (7), Cauliflower (7), Chinese Broccoli (10), Chinese Cabbage (Bok Choy & Napa) (10), Collards (10), Kale (10)	Aphids, Diamondback moths, Flea beetles, Imported cabbageworms, Dipterous leafminers ¹	1 tsp.	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
Cabbage (21)	Aphids, Diamondback moths, Flea beetles, Imported cabbageworms, Dipterous leafminers ¹	1 tsp.	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
	Cutworms (surface, subterranean)	6 Tbs.	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
	Root Maggots	6 Tbs.	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches.
	Wireworms	6 Tbs.	Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.
Carrots (14)	Aphids, Flea beetles, Leafhoppers, Dipterous leafminers ¹ , Spider mites	1 tsp.	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
	Cutworms (surface, subterranean)	6 Tbs.	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

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Crop/(PHI)	Pest	Rate per 1 Gal. of Water to Cover 500 sq. ft. of Garden	Timing/Special Directions
	Mole Crickets	2 Tbs.	Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms	6 Tbs.	Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.
Corn - see Sweet Corn			
Cucumbers (7)	Aphids, Thrips, Spider mites	1 tsp.	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
Endive (Escarole) (14)	Aphids, Flea beetles, Leafhoppers, Dipterous leafminers ¹ , Spider mites	1 tsp.	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
Lettuce (14)	Aphids, Flea beetles, Leafhoppers, Dipterous leafminers ¹ , Spider mites	1 tsp.	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
	Cutworms (surface, subterranean)	6 Tbs.	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
	Wireworms	6 Tbs.	Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.
Melons (3) (Cantaloupes, Casabas, Crenshaws, Honeydews, Muskmelons, Persians and hybrids of these) and Watermelons	Aphids, Thrips, Spider mites	1 tsp.	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
Onions (14) (bulb and green)	Onion thrips	1 tsp.	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
Parsnips (14)	Aphids, Flea beetles, Leafhoppers, Dipterous leafminers ¹ , Spider mites	1 tsp.	Thoroughly spray all plant parts. Repeat applications every 7 days, up to 5 applications per season.

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Crop/(PHI)	Pest	Rate per 1 Gal. of Water to Cover 500 sq. ft. of Garden	Timing/Special Directions
Peas (7) (succulent only) 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.	Aphids, Cucumber beetles, Grasshoppers, Leafhoppers, Mexican bean beetles, Spider mites	1 tsp.	Thoroughly spray all plant parts. Repeat application every 5 days, up to 3 applications per season.
	Cutworms (surface, subterranean)	6 Tbs.	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
	Mole crickets	2 Tbs.	Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms	6 Tbs.	Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.
Peppers (5)	Aphids, Colorado potato beetles, Flea beetles, Leafhoppers	1 tsp.	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
Potatoes (35) (Irish)	Aphids, Flea beetles, Leafhoppers, Colorado potato beetles, Southern armyworms, Dipterous leafminers ¹	1 tsp.	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
Radishes (14)	Aphids, Flea beetles, Leafhoppers, Imported cabbageworms, Dipterous leafminers ¹	1 tsp.	Thoroughly spray all plant parts. Repeat application every 7 days, up to 3 applications per season.
	Cutworms (surface, subterranean)	6 Tbs.	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
Rutabagas (14)	Aphids, Flea beetles, Leafhoppers, Imported cabbageworms, Dipterous leafminers ¹	1 tsp.	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.

Crop/(PHI)	Pest	Rate per 1 Gal. of Water to Cover 500 sq. ft. of Garden	Timing/Special Directions
	Cutworms (surface, subterranean)	6 Tbs.	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
Spinach (14)	Aphids, Flea beetles, Leafhoppers, Dipterous leafminers ¹ , Spider mites	1 tsp.	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
Squash, summer (7)	Aphids, Thrips, Spider mites	1 tsp.	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
Squash, winter (3)	Aphids, Thrips, Spider mites	1 tsp.	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
Sweet corn (7) NOTE: To protect bees, do not apply to corn foliage during the pollen shed period.	Aphids, Thrips, Flea beetles, Grasshoppers, Spider mites	1 tsp.	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
	Cutworms (surface, subterranean)	6 Tbs.	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
	Mole crickets	2 Tbs.	Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms	6 Tbs.	Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.
Tomatoes (1)	Aphids, Colorado potato beetles, Fall armyworms, Flea beetles, Leafhoppers, Southern armyworms, Vinegar flies (<i>Drosophila spp.</i>)	1 tsp.	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
	Cutworms (surface, subterranean)	6 Tbs.	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
	Wireworms	6 Tbs.	Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.

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Crop/(PHI)	Pest	Rate per 1 Gal. of Water to Cover 500 sq. ft. of Garden	Timing/Special Directions
Turnips (14) (roots & tops)	Aphids, Flea beetles, Leafhoppers, Imported cabbageworms, Dipterous leafminers ¹	1 tsp.	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
Turnips (roots & tops) cont'd.	Cutworms (surface, subterranean)	6 Tbs.	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

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

STORAGE & DISPOSAL

STORAGE: Store in original container in an area inaccessible to children and pets. If product freezes, place container in a warm area (68°F or above) inaccessible to children or pets and allow to thaw. Shake well before using.

DISPOSAL: To avoid harming aquatic organisms in rivers and other surface waters, do not pour the concentrate, spray mixture, or rinse water into sanitary drains (e.g., toilets and sinks) or storm water sewers (e.g., street drains). Triple rinse the empty container, pour the rinse water into the sprayer and spray the treated area. If disposal of a partially full container is necessary, take the container to your local household waste disposal facility, or make sure cap is tightly closed, securely wrap the container in several layers of newspaper and discard in trash. Do not reuse empty container; securely wrap it in several layers of newspaper 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).

Distributed by
DRAGON CORPORATION
Roanoke, VA 24019

VERSION B [text "lined-out" format]

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.

GENERAL INFORMATION: DRAGON Diazinon Water-based Concentrate be diluted with water before application. To avoid having spray mixture left over, mix only the amount needed. This product kills many outdoor pests which damage lawns, roses, flowers, trees, shrubs, vegetables and fruits, and insects which annoy pets and people.

NOTE: 1. Do not use inside the home.

- 2. Do not use on ferns, poinsettia, hibiscus, papaya, pilea, gardenia or orchids since plant injury may occur.
- 3. Use this product on succulent peas and beans only. Do not use on dried pea or bean varieties.
- 4. Do not apply to food crops grown in greenhouses.

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 Diazinon Water-based 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 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.
- Step 4:** Flush sprayer with clean water after each use.

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, Blueberries, 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, Rutabagas, 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)

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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 20. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of sprays. Where watering is recommended in the directions, or if waterfowl (ducks or geese) can be expected in the treated area after treatment (except spot treatment), water lawn with at least ¼ inch of water immediately after spraying this product; however, stop watering before puddling occurs.

TO KILL: Lawn Chinch Bugs, Ants, Armyworms, Bermudagrass mites, Clover mites, Springtails (*Collembola*), Crickets, Cutworms, Digger wasps, Earwigs, Frit flies, Lawn billbugs, Leafhoppers, Sod webworms (Lawn moths), Sowbugs (Pillbugs), Brown dog ticks, Chiggers, Fleas, Hyperodes Weevil, Millipedes, Rhodesgrass scale, and White grubs of Japanese beetle, European chafer, Southern chafer.

Apply at the rate of 1½ Tbs in 3 gals. of water to cover 125 sq ft (6 fl. oz. in 24 gals. of water to cover 1,000 sq. ft.). Use on Bent, Bermuda, Bluegrass, Dichondra, Fescue, Merion and St. Augustinegrass. 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. 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. **NOTE: DO NOT APPLY THIS PRODUCT TO ANIMALS.** For brown dog ticks spray grass and under shrubbery, particularly near house. For hyperodes weevil, treat problem areas in mid-April and again in mid-May. Water grass thoroughly after application. For rhodesgrass scale, apply when crawlers first emerge. For white grubs, apply any time between late July and early October. Water grass thoroughly after application.

NUISANCE PESTS OUTSIDE THE HOME

TO KILL: Ants, Boxelder bugs, Brown dog ticks, Chiggers, Clover mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Sowbugs (Pillbugs), Spiders, Springtails (*Collembola*).

Mix 2 fl. oz. in 1 gal 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. 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. **DO NOT treat animals with this product. DO NOT treat plants (other than tree trunks) at this nuisance pest rate.**

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. **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.

INSECT CONTROL ON ORNAMENTAL TREES, SHRUBS, ROSES AND FLOWERS

Apply at the rate of 2 tsp. per gallon of water when listed pests first appear. Repeat as necessary. Apply as a

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thorough foliar spray. Wet leaves and branches to the dripping point. Try to penetrate dense foliage with spray.

Trees and Shrubs - USE ON: Arborvitae, Azaleas, Birch, Boxwood, Camellias, Crabapple, Dogwood, Douglas fir, Elm, Euonymus, Hawthorn, Holly, Honey locust, Honeysuckle, Juniper, Lilac, Locust, Maple, Mimosa, Oak, Pine, Ornamental plum, Poplar, Rhododendron, Scotch pine, Spirea, Spruce, Sycamore, Wax plant (Hoya), Willow, Yellowwood, Yew. **TO KILL:** Aphids, Apple-and-Thorn Skeletonizers, Bagworms, European pine sawfly, European pine shoot moths, Holly bud moths, Dipterous leafminers (Arborvitae, Azalea, Birch, Boxwood, Holly, Oak), Hemlock chermes, Leafhoppers, Mealybugs, Mites (Clover, Cyclamen, European red, Privet, Two-spotted spider), Oak loopers, Oblique-banded leafrollers, Obscure root weevils, Omnivorous leaf tiers, Pear slugs, Scale crawlers (Cottoncushion, Euonymus, Lecanium, Pine needle, Pit, San Jose, Soft), Tent caterpillars, Webworms (Cotoneaster, Fall, Juniper, Mimosa), Whiteflies. For Mimosa webworms: apply when adults first appear. Make 2 additional applications at 4-5 week intervals.

Roses and Flowers - USE ON: Azaleas, Camellias, Chrysanthemums, Carnations, Gladioli, Lilac, Lilies, Marigolds, Pansies, Petunias, Rhododendron, Roses. **TO KILL:** Aphids, Dipterous leafminers, Euonymus scale crawlers, Flea beetles, Leafhoppers, Mealybugs, Mites (Carnation bud, Carnation shoot, Cyclamen, European red, Two-spotted spider), Thrips, Whiteflies.

FRUITS AND NUTS

Apply at the rate of 2 tsp. per 1 gal. of water (for grapes, 1½ tsp. per 1 gal. of water). 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 number of days between last application and harvest of the crop [pre-harvest interval (PHI)] shown in parentheses for each crop, as well as intervals between applications and total number of applications that can be made per season.

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

Almonds: San Jose scale, Parlatoria scale. Apply only as a dormant spray. Do not apply more than 6 gallons per 500 sq. ft. of home orchard. This product may be used on almonds in CA only. DO NOT use this product on almonds grown in other states.

Apricots (21): Aphids, Apricot mealybugs, Mites (Brown, Two-spotted spider), Scale crawlers (Olive, San Jose). Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 14 days apart.

Blueberries (7): Aphids, Blueberry maggots, Cherry fruitworms, Cranberry fruitworms, Thrips, Two-spotted spider mites. Apply as a full cover spray. Allow a minimum of 14 days between applications. Do not apply more than 4 gals. per 500 sq. ft. of blueberry patch. Do not make more than 2 applications per season.

Caneberries (7) —CA, OR, WA only: Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries. Aphids, Leafhoppers, Raspberry fruitworms, Two-spotted spider mites, Thrips. Apply as a full cover spray. Do not apply more than 5 gallons per 500 sq. ft. of caneberry patch. Do not make more than 5 applications per season, a minimum of 14 days apart. This product may be used on caneberries in CA, OR and WA only. DO NOT use this product on caneberries grown in other states.

Cherries (21): Black cherry aphids, Cherry fruitflies, Cherry fruitworms (Maggots), Fruitree leafrollers, Mites (Cherry rust), Scale crawlers (San Jose). Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 7 days apart.

Grapes (28): Aphids, Grape berry moths, Grape leafhoppers, Leafhoppers. Apply at the rate of 1½ tsp. in 1 gal. of water as a full cover spray. Do not apply more than 3 gallons per 500 sq. ft. of home vineyard. Do not make more than 5 applications per season, a minimum of 7 days apart.

Nectarines (21): Aphids, Mites (Brown, Two-spotted spider), Scale Crawlers (Olive, San Jose). Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 14 days apart.

Peaches (21): Aphids, Mites (Brown, Two-spotted spider), Scale crawlers (Olive, San Jose). Apply as a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 14 days apart.

Plums and Prunes (21): Aphids (Leafcurl plum, Mealy plum, Thistle), Mites (Brown, European red). Apply as

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a full cover spray. Do not apply more than 4 gallons per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 7 days apart.

Strawberries (5): Aphids, Two-spotted spider mites, Strawberry leafrollers. Apply as a full cover spray. Do not apply more than 3 gallons per 500 sq. ft. of strawberry patch. Do not make more than 3 applications per season, a minimum of 7 days apart.

Walnuts (45): Aphids, Scale crawlers (Walnut, Italian pear, Frosted), Spider mites, Twig borers. Apply as a full cover spray. Do not apply more than 6 gallons per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 14 days apart. Do not apply after husks open or split. This product may be used on walnuts in CA only. DO NOT use this product on walnuts grown in other states.

VEGETABLES

Mix DRAGON Diazinon Water-based Concentrate at the rates given below to cover 500 sq. ft. of garden. For application to the foliage, thoroughly spray all plant parts. For soil applications, you may need to mix the recommended amount of pesticide in more water to get even coverage. Application to the soil should be mixed into the soil immediately after application. **Observe number of days between last application and harvest of the crop [pre-harvest interval (PHI)] shown in parentheses for each crop, as well as intervals between applications and total number of applications that can be made per season.** Do not apply to food crops grown in greenhouses.

Beans (7) – Lima, Pole and Snap (succulent varieties only)– *Aphids, Cucumber beetles, Grasshoppers, Leafhoppers, Mexican bean beetles, Spider mite:* Mix 1 tsp. in 1 gal. of water. Repeat application every 5 days, up to 3 applications per season. **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. *Cutworms (surface, subterranean):* Mix 6 Tbs. in 1 gal. of water. Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms. *Mole Crickets:* Mix 2 Tbs. in 1 gal. of water. Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches. *Wireworms (snap beans only):* Mix 6 Tbs. in 1 gal. of water. Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.

Beets, Red (table): *Cutworms (surface, subterranean):* Mix 6 Tbs. in 1 gal. of water. Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms. *Mole Crickets:* Mix 2 Tbs. in 1 gal. of water. Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.

Broccoli (7), Cauliflower (7), Chinese Broccoli (10), Chinese Cabbage (Bok Choy and Napa) (10), Collards (10), Kale (10) : *Aphids, Diamondback moths, Flea beetles, Imported cabbageworms, Dipterous leafminers¹.* Mix 1 tsp. in 1 gal. of water. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.

Cabbage (21): *Aphids, Diamondback moths, Flea beetles, Imported cabbageworms, Dipterous leafminers¹.* Mix 1 tsp. in 1 gal. of water. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. *Cutworms (surface, subterranean).* Mix 6 Tbs. in 1 gal. of water. Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms. *Root Maggots.* Mix 6 Tbs. in 1 gal. of water. Spray the soil evenly just before planting. Immediately work into soil 2-3 inches. *Wireworms.* Mix 6 Tbs. in 1 gal. of water. Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.

Carrots (14): *Aphids, Flea beetles, Leafhoppers, Dipterous leafminers¹, Spider mites.* Mix 1 tsp. in 1 gal. of water. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. *Cutworms (surface, subterranean).* Mix 6 Tbs. in 1 gal. of water. Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms. *Mole Crickets.* Mix 2 Tbs. in 1 gal. of water. Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches. *Wireworms.* Mix 6 Tbs. in 1 gal. of water. Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.

Corn - see Sweet Corn

Cucumbers (7): *Aphids, Thrips, Spider mites.* Mix 1 tsp. in 1 gal. of water. Thoroughly spray all plant parts.

- Repeat application every 7 days, up to 5 applications per season.
- Endive (Escarole) (14):** *Aphids, Flea beetles, Leafhoppers, Dipterous leafminers¹, Spider mites.* Mix 1 tsp. in 1 gal. of water. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
- Lettuce (14):** *Aphids, Flea beetles, Leafhoppers, Dipterous leafminers¹, Spider mites.* Mix 1 tsp. in 1 gal. of water. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. *Cutworms (surface, subterranean).* Mix 6 Tbs. in 1 gal. of water. Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms. *Wireworms.* Mix 6 Tbs. in 1 gal. of water. Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.
- Melons (3) (Cantaloupes, Casabas, Crenshaws, Honeydews, Muskmelons, Persians and hybrids of these) and Watermelons:** *Aphids, Thrips, Spider mites.* Mix 1 tsp. in 1 gal. of water. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
- Onions (14) (bulb and green):** *Onion thrips.* Mix 1 tsp. in 1 gal. of water. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
- Parsnips (14):** *Aphids, Flea beetles, Leafhoppers, Dipterous leafminers¹, Spider mites.* Mix 1 tsp. in 1 gal. of water. Thoroughly spray all plant parts. Repeat applications every 7 days, up to 5 applications per season.
- Peas (7) (succulent only):** *Aphids, Cucumber beetles, Grasshoppers, Leafhoppers, Mexican bean beetles, Spider mites.* Mix 1 tsp. in 1 gal. of water. Thoroughly spray all plant parts. Repeat application every 5 days, up to 3 applications per season. 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).* Mix 6 Tbs. in 1 gal. of water. Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms. *Mole crickets.* Mix 2 Tbs. in 1 gal. of water. Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches. *Wireworms.* Mix 6 Tbs. in 1 gal. of water. Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.
- Peppers (5):** *Aphids, Colorado potato beetles, Flea beetles, Leafhoppers.* Mix 1 tsp. in 1 gal. of water. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
- Potatoes (35) (Irish):** *Aphids, Flea beetles, Leafhoppers, Colorado potato beetles, Southern armyworms, Dipterous leafminers¹.* Mix 1 tsp. in 1 gal. of water. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
- Radishes (14):** *Aphids, Flea beetles, Leafhoppers, Imported cabbageworms, Dipterous leafminers¹.* Mix 1 tsp. in 1 gal. of water. Thoroughly spray all plant parts. Repeat application every 7 days, up to 3 applications per season. *Cutworms (surface, subterranean).* Mix 6 Tbs. in 1 gal. of water. Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
- Rutabagas (14):** *Aphids, Flea beetles, Leafhoppers, Imported cabbageworms, Dipterous leafminers¹.* Mix 1 tsp. in 1 gal. of water. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. *Cutworms (surface, subterranean).* Mix 6 Tbs. in 1 gal. of water. Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.
- Spinach (14):** *Aphids, Flea beetles, Leafhoppers, Dipterous leafminers¹, Spider mites.* Mix 1 tsp. in 1 gal. of water. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
- Squash, summer (7):** *Aphids, Thrips, Spider mites.* Mix 1 tsp. in 1 gal. of water. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
- Squash, winter (3):** *Aphids, Thrips, Spider mites.* Mix 1 tsp. in 1 gal. of water. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season.
- Sweet corn (7):** *Aphids, Thrips, Flea beetles, Grasshoppers, Spider mites.* Mix 1 tsp. in 1 gal. of water. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. NOTE: To protect bees, do not apply to corn foliage during the pollen shed period. *Cutworms (surface, subterranean).* Mix 6 Tbs. in 1 gal. of water. Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms. *Mole crickets.* Mix 2 Tbs.

in 1 gal. of water. Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches. Wireworms. Mix 6 Tbs. in 1 gal. of water. Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.

Tomatoes (1): Aphids, Colorado potato beetles, Fall armyworms, Flea beetles, Leafhoppers, Southern armyworms, Vinegar flies (*Drosophila spp.*): Mix 1 tsp. in 1 gal. of water. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Cutworms (surface, subterranean). Mix 6 Tbs. in 1 gal. of water. Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms. Wireworms. Mix 6 Tbs. in 1 gal. of water. Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.

Turnips (14) (roots & tops): Aphids, Flea beetles, Leafhoppers, Imported cabbageworms, Dipterous leafminers¹. Mix 1 tsp. in 1 gal. of water. Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Cutworms (surface, subterranean). Mix 6 Tbs. in 1 gal. of water. Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

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

STORAGE & DISPOSAL

STORAGE: Store in original container in an area inaccessible to children and pets. If product freezes, place container in a warm area (68°F or above) inaccessible to children or pets and allow to thaw. Shake well before using.

DISPOSAL: To avoid harming aquatic organisms in rivers and other surface waters, do not pour the concentrate, spray mixture, or rinse water into sanitary drains (e.g., toilets and sinks) or storm water sewers (e.g., street drains). Triple rinse the empty container, pour the rinse water into the sprayer and spray the treated area. If disposal of a partially full container is necessary, take the container to your local household waste disposal facility, or make sure cap is tightly closed, securely wrap the container in several layers of newspaper and discard in trash. Do not reuse empty container; securely wrap it in several layers of newspaper 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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