

67572-79

11/9/2000

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10/13/00

# CP DIAZINON LAWN & GARDEN WB CONCENTRATE

{Single Dose Packet}

Single Dose Packet – Makes One Gallon

Convenient, Premeasured, No Guess Work

Easy to Mix, No Mess, No Touch . . . Clip, Pour and Add Water

No Waste, No Long-Term Storage

A Water-Based Spray Concentrate that contains Diazinon Insecticide

**Controls:** Ants, Aphids, Cinch Bugs, Cutworms, Flea Beetles, Grubs, Mites, Sod Webworms and Many Others

**Protects:** Lawns, Vegetables, Fruits and Nuts, Roses, Flowers, Trees, Shrubs

To Apply Use Hose-End or Pump Sprayer

Easy to Apply to Lawn or Garden

This Product Must Not Be Used on Golf Courses and Sod Farms

For Outdoor Use Only on the Home Lawn and the Home Garden

**ACTIVE INGREDIENT:**

Diazinon (CAS No. 333-41-5) .....	22.4%
<b>OTHER INGREDIENTS</b> .....	<b>77.6%</b>
Total .....	100.0%

**Keep Out of Reach of Children**  
**CAUTION**  
See back panel for additional precautionary statements.

**ACCEPTED**  
  
NOV - 9 2000

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 67572-79

EPA Reg. No. 67572-79

EPA Est. 67572-GA-1

Net Contents: 0.334 oz.

Manufactured by:  
**CONTRACT PACKAGING, INC.**  
P.O. Box 1508  
Covington, GA 30015-1508

### DIRECTIONS FOR USE

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

#### Storage and Disposal

**Storage:** Store in a cool, dry (preferably locked) place inaccessible to children and pets. If product freezes, place container in a warm room (68°F or above) and allow to thaw. Shake well before using. **Disposal:** Do not reuse empty container; wrap and put in trash.

#### Failure to Follow the Directions for Use and Precautions on this Label May Result in Poor Insect Control, Crop Injury or Illegal Residues

This is a water-based concentrate product that must be diluted with water before application. To avoid having spray mixture left over, mix only the amount needed (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 that annoy pets and people. Contains diazinon insecticide that provides positive control of many "hard to kill" sucking and chewing insects. This product works fast. Repeat application only as directed to maintain control.

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

**Precautions:** Wear a long-sleeved shirt and long-legged pants when spraying. Spray with the wind to your back. Do not spray on windy days. If clothing becomes wet from spray during use, remove clothing after spraying, thoroughly wash affected body areas 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.

**Step #2: Use clean sprayer.** Carefully pour Single Dose Packet into sprayer. Mix with proper amount of water. Thoroughly rinse the packet with water. Pour the rinse water into the sprayer.

**Step #3: Spray as directed in the rate chart.** Thorough coverage is important. 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.

#### Lawn Pest Control

**Precautions:** Birds, especially waterfowl (ducks or geese), 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 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.

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

To control pests listed below, apply recommended rates.

Pests	Rate	Remarks
Lawn Chinch Bugs	1 packet (2 teaspoons) in 1 gallon of water per 50 sq. ft.	Thoroughly wet down grass a few hours before applying.
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 packet (2 teaspoons) in 1 gallon of water per 50 sq. ft.	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. <b>Billbug control:</b> 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 thoroughly water before treatment, but delay application until grass is dry.

Pests	Rate	Remarks
Brown Dog Ticks, Chiggers, Fleas	1 packet (2 teaspoons) in 1 gallon of water per 50 sq. ft.	Note: Do not apply this product to animals. For brown dog ticks, spray grass and under shrubbery, particularly near house.
Hyperodes Weevil	1 packet (2 teaspoons) in 1 gallon of water per 50 sq. ft.	Treat problem areas in mid-April and again in mid-May. Thoroughly water grass after application.
Millipedes	1 packet (2 teaspoons) in 1 gallon of water per 50 sq. ft.	Thoroughly wet grass a few hours before applying.
Rhodesgrass Scales	1 packet (2 teaspoons) in 1 gallon of water per 50 sq. ft.	Apply when crawlers first emerge.
White Grubs of Japanese Beetle, European Chafer, Southern Chafer	1 packet (2 teaspoons) in 1 gallon of water per 50 sq. ft.	Apply any time between late July and early October. Thoroughly water grass after application.

**Insect Control on Ornamental Trees, Shrubs and Flowers**  
Spray pests listed below when they first appear. Repeat as necessary.

Trees and Shrubs	Insects	Rate	Timing/Special Directions
Arborvitae, Azalea, Birch, Boxwood, Camellia, Crab Apple, 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 Cherms, Leafhoppers, Mealybugs, Mites (Clover, Cyclamen, European Red, Privet, Two-spotted Spider), Oak Loopers, Obliquebanded Leafrollers, Obscure Root Weevils, Omnivorous Leaf-tiers, Pear Slugs, Scale Crawlers (Cottonycusion, Euonymus, Lecanium, Pine Needle, Pit, San Jose, Soft), Tent Caterpillars, Webworms (Cotoneaster, Fall, Juniper, Mimosa), Whiteflies	1 packet (2 teaspoons) in 1 gallon of water	Apply as a thorough foliar spray. Wet leaves and branches to the dripping point. Penetrate dense foliage with spray.  Mimosa Webworms: Apply when adults first appear. Make 2 additional applications at 4 to 5-week intervals.
Roses & Flowers	Insects	Rate	Timing/Special Directions
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 Shoot, Cyclamen, European Red, Two-spotted Spider), Thrips, Whiteflies	1 packet (2 teaspoons) in 1 gallon of water	Apply as a thorough foliar spray. Spray underside of leaves and penetrate dense foliage.

**Fruits and Nuts**

Start spraying after blooming. Apply 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 Pre-Harvest Interval or the Number of to Wait Days Between the Last Application and Harvest	
Almonds	Dormant Spray Only
Apples	21 days
Apricots	21 days
Blackberries	7 days
Blueberries	7 days
Boysenberries	7 days
Cherries	21 days
Dewberries	7 days
Loganberries	7 days

Nectarines	21 days
Peaches	21 days
Pears	21 days
Plums	21 days
Prunes	21 days
Raspberries	7 days
Strawberries	5 days
Walnuts	45 days

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

Crop	Pests	Rate	Timing/Special Directions
Almonds (CA only)	San Jose Scale, Parlatoria Scale	1 packet (2 teaspoons) in 1 gal. of water	Apply only as a dormant spray. Do not apply more than 6 gals. per 500 sq. ft. of home orchard. This product may be used on almonds only in CA. Do not use this product on almonds grown in other states.
Apples	Aphids, Apple Maggots, Codling Moths, Eyespotted Budmoths, Fruit Tree Leafrollers, Leafhoppers, Mealybugs, Scale Crawlers (San Jose, Forbes), Spider Mites	1 packet (2 teaspoons) in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. 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 within 21 days of harvest. Note: Resistant apple maggots may not be controlled by diazinon or similar type insecticides.
Apricots	Aphids, Apricot Mealybugs, Mites (Brown, Two-spotted Spider), Scale Crawlers (Olive, San Jose)	1 packet (2 teaspoons) in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. 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 within 21 days of harvest.
Blueberries	Aphids, Blueberry Maggots, Cherry Fruitworms, Cranberry Fruitworms, Thrips, Two-spotted Spider Mites	1 packet (2 teaspoons) in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. per 500 sq. ft. of blueberry patch. Do not make more than 5 applications per season, a minimum of 14 days apart. Do not apply within 7 days of harvest.
Caneberries (CA, OR, WA only): Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries	Aphids, Leafhoppers, Raspberry Fruitworms, Two-spotted Spider Mites, Thrips	1 packet (2 teaspoons) in 1 gal. of water	Apply as a full cover spray. Do not apply more than 5 gals. per 500 sq. ft. of caneberry patch. 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)	1 packet (2 teaspoons) in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 7 days apart. Do not apply within 21 days of harvest.
Nectarines	Aphids, Mites (Brown, Two-spotted Spider), Scale Crawlers (Olive, San Jose)	1 packet (2 teaspoons) in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. 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 within 21 days of harvest.
Peaches	Aphids, Mites (Brown, Two-spotted Spider), Scale Crawlers (Olive, San Jose)	1 packet (2 teaspoons) in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. 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 within 21 days of harvest.
Pears	Aphids, Apple Maggots, Codling Moths, Mealybugs, Scale Crawlers (San Jose, Forbes), Spider Mites, Tentiform Leafminers, Pear Psylla	1 packet (2 teaspoons) in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. 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 within 21 days of harvest. Note: Resistant apple maggots will not be controlled by diazinon or similar type insecticides.

Crop	Pests	Rate	Timing/Special Directions
Plums and Prunes	Aphids (Leafcurl Plum, Mealy Plum, Thistle), Mites (Brown, European Red)	1 packet (2 teaspoons) in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. per 500 sq. ft. of home 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	1 packet (2 teaspoons) in 1 gal. of water	Apply as a full cover spray. Do not apply more than 3 gals. per 500 sq. ft. of strawberry patch. 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	1 packet (2 teaspoons) in 1 gal. of water	Apply as a full cover spray. Do not apply more than 6 gals. 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. 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, apply this product 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.

Crop Pre-Harvest Interval or the Number of Days to Wait Between the Last Application and Harvest For Foliar Applications	
Beans* (succulent varieties only: Lima, Pole and Snap)	7 days
Broccoli	7 days
Cabbage	21 days
Cantaloupes	3 days
Carrots	14 days
Casabas	3 days
Cauliflower	7 days
Chinese Broccoli	10 days
Chinese Cabbage	10 days
Collards	10 days
Crenshaws	3 days
Cucumbers	7 days
Endive (Escarole)	14 days
Honeydew Melons	3 days
Kale	10 days
Lettuce	14 days
Muskmelons	3 days
Onions (Bulb & Green)	14 days
Parsnips	14 days
Peas	7 days
Peppers	5 days
Persian melons	3 days
Potatoes (Irish)	35 days
Radishes	14 days
Rutabagas	14 days
Spinach	14 days
Squash, Summer	7 days
Squash, Winter	3 days
Sweet Corn	7 days
Tomatoes	1 day
Turnips (Roots and Tops)	14 days
Watermelons	3 days

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

For application to the foliage, thoroughly spray all plant parts. When applied to the soil mix into the soil immediately after application.

Crop	Pests	Rate	Timing/Special Directions
Beans, Lima, Pole and Snap (succulent varieties only)	Aphids, Cucumber Beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetles, Spider Mites	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 5 days, up to 3 applications per season. Do not apply within 7 days of harvest.
	Note: Do not apply this product to dried bean varieties such as pinto beans or dried limas. To protect bees, do not apply bean foliage treatments if the beans or weeds in the treatment area are in bloom.		
Broccoli	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 7 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Cabbage	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 21 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Carrots	Aphids, Dipterous Leafminers, Flea Beetles, Leafhoppers, Spider Mites	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Cauliflower	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 7 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Chinese Broccoli	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 10 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Chinese Cabbage (Bok Choy and Napa)	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 10 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Collards	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 10 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Corn (see Sweet Corn)			
Cucumbers	Aphids, Thrips, Spider Mites	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 7 days of harvest.
Endive (Escarole)	Aphids, Dipterous Leafminers, Flea Beetles, Leafhoppers, Spider Mites	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.

Crop	Pests	Rate	Timing/Special Directions
Kale	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 10 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Lettuce	Aphids, Dipterous Leafminers, Flea Beetles, Leafhoppers, Spider Mites	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Melons (Cantaloupes, Casabas, Crenshaws, Honeydews, Muskmelons, Persian and Hybrids of these) and Watermelons	Aphids, Thrips, Spider Mites	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 3 days of harvest.
Onions (Bulb and Green)	Onion Thrips	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	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, Dipterous Leafminers, Flea Beetles, Leafhoppers, Spider Mites	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Peas (succulent only)	Aphids, Cucumber Beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetles, Spider Mites	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	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.
<p><b>Note:</b> Do not apply this product to dried pea varieties such as split peas or dried black-eyed peas. To protect bees, do not apply foliage treatments if peas or weeds in the treatment area are in bloom.</p>			
Peppers	Aphids, Colorado Potato Beetles, Flea Beetles, Leafhoppers	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 5 days of harvest.
Potatoes	Aphids, Colorado Potato Beetles, Dipterous Leafminers, Flea Beetles, Leafhoppers, Southern Armyworms	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 35 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Radishes	Aphids, Dipterous Leafminers, Flea Beetles, Imported Cabbageworms, Leafhoppers,	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 3 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Rutabagas	Aphids, Dipterous Leafminers, Flea Beetles, Imported Cabbageworms, Leafhoppers,	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.

Crop	Pests	Rate	Timing/Special Directions
Spinach	Aphids, Dipterous Leafminers, Flea Beetles, Leafhoppers, Spider Mites	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Squash, Summer	Aphids, Thrips, Spider Mites	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 7 days of harvest.
Squash, Winter	Aphids, Thrips, Spider Mites	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 3 days of harvest.
Sweet Corn	Aphids, Thrips, Flea Beetles, Grasshoppers, Spider Mites	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	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.			
Tomatoes	Aphids, Colorado Potato Beetles, Fall Armyworms, Flea Beetles, Leafhoppers, Southern Armyworms, Vinegar Flies ( <i>Drosophila</i> spp.)	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 1 day of harvest.
Turnips and Turnip Tops	Aphids, Dipterous Leafminers, Flea Beetles, Imported Cabbageworms, Leafhoppers	1 packet (2 teaspoons) in 2 gallons of water to cover 1000 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.

### 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. Thoroughly wash with soap and water after use. 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

<b>If Swallowed</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If Inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If on Skin or Clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Immediately rinse skin with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in Eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-xxx-xxxx for emergency medical treatment information.	



**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 (ducks or geese), 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, NY 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 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.

**Buyer assumes all risks of use, storage or handling of this product not in strict accordance with this label.**

To obtain additional information or in case of an emergency call 770-787-1977.

{**Note:** The First Aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}

# CP DIAZINON LAWN & GARDEN WB CONCENTRATE

{Regular Label }

A Water-Based Spray Concentrate that contains Diazinon Insecticide

**Controls:** Ants, Aphids, Cinch Bugs, Cutworms, Fire Ants (aids in control), Flea Beetles, Grubs, Mites Sod Webworms and Many Others

**Protects:** Lawns, Vegetables, Fruits and Nuts, Roses, Flowers, Trees, Shrubs

To Apply Use Hose-End or Pump Sprayer

Easy to Apply to Lawn or Garden

**This Product Must Not Be Used on Golf Courses and Sod Farms**

**For Outdoor Use Only on the Home Lawn and the Home Garden**

**ACTIVE INGREDIENT:**

Diazinon (CAS No. 333-41-5) .....	22.4%
<b>OTHER INGREDIENTS</b> .....	<u>77.6%</u>
Total .....	100.0%

<p><b>Keep Out of Reach of Children</b>  <b>CAUTION</b>          See back panel for additional precautionary statements.</p>
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EPA Reg. No. 67572-79

EPA Est. 67572-GA-1

Net Contents: \_\_\_\_ oz.

Manufactured by:  
**CONTRACT PACKAGING, INC.**  
 P.O. Box 1508  
 Covington, GA 30015-1508

### DIRECTIONS FOR USE

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

#### Storage and Disposal

**Storage:** Store in a cool, dry (preferably locked) place inaccessible to children and pets. If product freezes, place container in a warm room (68°F or above) 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, the spray mixture or the rinse water into sanitary drains (for example, floor drains, toilets and sinks) or into storm water sewers (for example, street drains). Do not reuse empty container. Triple rinse the empty container, pour the rinse water into the sprayer, and apply to the treated area. Securely wrap empty container in several layers of newspaper and discard in trash. 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 and put in trash.

[For Product Packaged in Containers of 1 Gallon or Less:]

**Storage:** Store in a cool, dry (preferably locked) place inaccessible to children and pets. If product freezes, place container in a warm room (68°F or above) and allow to thaw. Shake well before using. **Disposal:** Do not reuse empty container; wrap and put in trash.

#### Failure to Follow the Directions for Use and Precautions on this Label May Result in Poor Insect Control, Crop Injury or Illegal Residues.

This is a water-based concentrate product that must be diluted with water before application. To avoid having spray mixture left over, mix only the amount needed (refer to the section *How to Mix and Apply*). This product kills many outdoor insects that damage lawns, roses, flowers, trees, shrubs, vegetables, fruits and nuts, and insects that annoy pets and people. Contains diazinon insecticide that provides positive control of many "hard-to-kill" sucking and chewing insects. This product works fast. Repeat application only as directed to maintain control

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

**Precautions:** Wear a long-sleeved shirt and long-legged pants when spraying. Spray with the wind to your back. Do not spray on windy days. If clothing becomes wet from spray during use, remove clothing after spraying, thoroughly wash affected body areas 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.
- Step #2: Use clean sprayer. Carefully measure and mix the amount of the product and water as indicated in the rate chart.
- Step #3: Spray as directed in the rate chart. Thorough coverage is important. 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

Amount	Equals
1 tablespoon	3 teaspoons
1 fluid ounce	6 teaspoons or 2 tablespoons
6 fluid ounces	3/4 cup
1 1/2 tablespoons in 3 gallons of water	1 1/2 teaspoons in 1 gallon of water
2 tablespoons in 3 gallons of water	2 teaspoons in 1 gallon of water

#### Lawn Pest Control

**Precautions:** Birds, especially waterfowl (ducks or geese), 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 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
	Product	Water	
Lawn Chinch Bugs	1½ tablespoons 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 teaspoons 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)	1½ tablespoons 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. <b>Billbug control:</b> 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 thoroughly water before treatment, but delay application until grass is dry.
Brown Dog Ticks, Chiggers, Fleas	1½ tablespoons per 125 sq. ft. or 6 fl. oz. per 1,000 sq. ft.	3 gals.  24 gals.	<b>Note:</b> Do not apply this product to animals. For brown dog ticks, spray grass and under shrubbery, particularly near house.
Hyperodes Weevil	1½ tablespoons 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. Thoroughly water grass after application.
Millipedes	1½ tablespoons 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 Scales	1½ tablespoons 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 tablespoons 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 ( <i>Collembola</i> )	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 can hide. To prevent entry into houses, spray a 5-ft. 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.
Fire Ants	To aid in the control of fire ants in home lawns and other outdoor home recreation areas, apply 2 tablespoons 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. <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.

**Insect Control on Ornamental Trees, Shrubs and Flowers**  
Spray pests listed below when they first appear. Repeat as necessary.

Trees and Shrubs	Insects	Rate per 1 Gal. of Water	Timing/Special Directions
Arborvitae, Azalea, Birch, Boxwood, Camellia, Crab Apple, 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, Obliquebanded Leafrollers, Obscure Root Weevils, Omnivorous Leaf-tiers, Pear Slugs, Scale Crawlers (Cottonycusion, 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. Penetrate dense foliage with spray.  Mimosa Webworms: Apply when adults first appear. Make 2 additional applications at 4 to 5-week intervals.
Roses and Flowers	Insects	Rate per 1 Gal. of Water	Timing/Special Directions
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 Shoot, Cyclamen, European Red, Two-spotted Spider), Thrips, Whiteflies	2 tsp.	Apply as a thorough foliar spray. Spray underside of leaves and penetrate dense foliage.

**Fruits and Nuts**

Start spraying after blooming. Apply 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 PreHarvest Interval or the Number of Days to Wait Between the Last Application and Harvest	
Almonds	Dormant Spray Only
Apples	21 days
Apricots	21 days
Blackberries	7 days
Blueberries	7 days
Boysenberries	7 days
Cherries	21 days
Dewberries	7 days
Grapes	28 days
Loganberries	7 days
Nectarines	21 days
Peaches	21 days
Pears	21 days
Plums	21 days
Prunes	21 days
Raspberries	7 days
Strawberries	5 days
Walnuts	45 days

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

Crop	Pests	Rate	Timing/Special Directions
Almonds (CA only)	San Jose Scale, Parlatoria Scale	2 tsp. in 1 gal. of water	Apply only as a dormant spray. Do not apply more than 6 gals. per 500 sq. ft. of home orchard. This product may be used on almonds only in CA. Do not use this product on almonds grown in other states.
Apples	Aphids, Apple Maggots, Codling Moths, Eyespotted Budmoths, Fruit Tree Leafrollers, Leafhoppers, Mealybugs, Scale Crawlers (San Jose, Forbes), Spider Mites	2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. 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 within 21 days of harvest. <b>Note:</b> Resistant apple maggots may not be controlled by diazinon or similar type insecticides.
Apricots	Aphids, Apricot Mealybugs, Mites (Brown, Two-spotted Spider), Scale Crawlers (Olive, San Jose)	2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. 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 within 21 days of harvest.
Blueberries	Aphids, Blueberry Maggots, Cherry Fruitworms, Cranberry Fruitworms, Thrips, Two-spotted Spider Mites	2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. per 500 sq. ft. of blueberry patch. Do not make more than 5 applications per season, a minimum of 14 days apart. Do not apply within 7 days of harvest.
Caneberries (CA, OR, WA only): Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries	Aphids, Leafhoppers, Raspberry Fruitworms, Two-spotted Spider Mites, Thrips	2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 5 gals. per 500 sq. ft. of caneberry patch. 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)	2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. per 500 sq. ft. of home 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	1½ tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 3 gals. per 500 sq. ft. of home vineyard. Do not make more than 5 applications per season, a minimum of 7 days apart. Do not apply with 28 days of harvest.
Nectarines	Aphids, Mites (Brown, Two-spotted Spider), Scale Crawlers (Olive, San Jose)	2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. 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 within 21 days of harvest.
Peaches	Aphids, Mites (Brown, Two-spotted Spider), Scale Crawlers (Olive, San Jose)	2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. 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 within 21 days of harvest.
Pears	Aphids, Apple Maggots, Codling Moths, Mealybugs, Scale Crawlers (San Jose, Forbes), Spider Mites, Tentiform Leafminers	2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. 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 within 21 days of harvest. <b>Note:</b> Resistant apple maggots will not be controlled by diazinon or similar type insecticides.
	Pear Psylla	1-2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. 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 within 21 days of harvest.
Plums and Prunes	Aphids (Leafcurl Plum, Mealy Plum, Thistle), Mites (Brown, European Red)	2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 4 gals. per 500 sq. ft. of home orchard. Do not make more than 3 applications per season, a minimum of 7 days apart. Do not apply within 21 days of harvest.

Crop	Pests	Rate	Timing/Special Directions
Strawberries	Aphids, Two-spotted Spider Mites, Strawberry Leafrollers	2 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 3 gals. per 500 sq. ft. of strawberry patch. 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 tsp. in 1 gal. of water	Apply as a full cover spray. Do not apply more than 6 gals. 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. 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, apply this product 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.

<b>Crop Preharvest Interval or the Number of Days to Wait Between the Last Application and Harvest for Foliar Applications</b>	
Beans* (succulent varieties only: Lima, Pole and Snap)	7 days
Broccoli	7 days
Cabbage	21 days
Cantaloupes	3 days
Carrots	14 days
Casabas	3 days
Cauliflower	7 days
Chinese Broccoli	10 days
Chinese Cabbage	10 days
Collards	10 days
Crenshaws	3 days
Cucumbers	7 days
Endive (Escarole)	14 days
Honeydew Melons	3 days
Kale	10 days
Lettuce	14 days
Muskmelons	3 days
Onions (Bulb & Green)	14 days
Parsnips	14 days
Peas <sup>1</sup>	7 days
Peppers	5 days
Persian melons	3 days
Potatoes (Irish)	35 days
Radishes	14 days
Rutabagas	14 days
Spinach	14 days
Squash, Summer	7 days
Squash, Winter	3 days
Sweet Corn	7 days
Tomatoes	1 day
Turnips (Roots and Tops)	14 days
Watermelons	3 days

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

For application to the foliage, thoroughly spray all plant parts. When applied to the soil mix into the soil immediately after application.

Crop	Pests	Rate	Timing/Special Directions
Beans, Lima, Pole and Snap (succulent varieties only)	Aphids, Cucumber Beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetles, Spider Mites	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 5 days, up to 3 applications per season. Do not apply within 7 days of harvest.
	Cutworms (surface, subterranean)	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches of subterranean cutworms.
	Mole Crickets	2 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms (snap beans only)	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.
<b>Note:</b> Do not apply this product to dried bean varieties such as pinto beans or dried limas. To protect bees, do not apply bean foliage treatments if the beans or weeds in the treatment area are in bloom.			
Beets, Red (Table)	Cutworms (surface, subterranean)	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches for surface cutworms, 3-6 inches of subterranean cutworms.
	Mole Crickets	2 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.
Broccoli	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 7 days of harvest. <b>Note:</b> Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Cabbage	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 21 days of harvest. <b>Note:</b> Resistant leafminers will not be controlled by diazinon or similar type insecticides.
	Cutworms (surface, subterranean)	6 tbsp. per 500 sq. ft. in a min. of 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	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 2-3 inches.
	Wireworms	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.
Carrots	Aphids, Dipterous Leafminers, Flea Beetles, Leafhoppers, Spider Mites	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. <b>Note:</b> Resistant leafminers will not be controlled by diazinon or similar type insecticides.
	Cutworms (surface, subterranean)	6 tbsp. per 500 sq. ft. in a min. of 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	2 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.



Crop	Pests	Rate	Timing/Special Directions
Cauliflower	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 7 days of harvest. <b>Note:</b> Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Chinese Broccoli	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 10 days of harvest. <b>Note:</b> Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Chinese Cabbage (Bok Choy and Napa)	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 10 days of harvest. <b>Note:</b> Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Collards	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 10 days of harvest. <b>Note:</b> Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Corn (see Sweet Corn)			
Cucumbers	Aphids, Thrips, Spider Mites	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 7 days of harvest.
Endive (Escarole)	Aphids, Dipterous Leafminers, Flea Beetles, Leafhoppers, Spider Mites	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. <b>Note:</b> Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Kale	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 10 days of harvest. <b>Note:</b> Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Lettuce	Aphids, Dipterous Leafminers, Flea Beetles, Leafhoppers, Spider Mites	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. <b>Note:</b> Resistant leafminers will not be controlled by diazinon or similar type insecticides.
	Cutworms (surface, subterranean)	6 tbsp. per 500 sq. ft. in a min. of 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	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.
Melons (Cantaloupes, Casabas, Crenshaws, Honeydews, Muskmelons, Persian and Hybrids of these) and Watermelons	Aphids, Thrips, Spider Mites	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest.
Onions (Bulb and Green)	Onion Thrips	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest.

Crop	Pests	Rate	Timing/Special Directions
Parsnips	Aphids, Dipterous Leafminers, Flea Beetles, Leafhoppers, Spider Mites	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Peas (succulent only)	Aphids, Cucumber Beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetles, Spider Mites	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	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.
	Cutworms (surface, subterranean)	6 tbsp. per 500 sq. ft. in a min. of 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	2 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.
Note: Do not apply this product to dried pea varieties such as split peas or dried black-eyed peas. To protect bees, do not apply foliage treatments if peas or weeds in the treatment area are in bloom.			
Peppers	Aphids, Colorado Potato Beetles, Flea Beetles, Leafhoppers	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 5 days of harvest.
Potatoes	Aphids, Colorado Potato Beetles, Dipterous Leafminers, Flea Beetles, Leafhoppers, Southern Armyworms	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 35 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Radishes	Aphids, Dipterous Leafminers, Flea Beetles, Imported Cabbageworms, Leafhoppers,	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 3 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
	Cutworms (surface, subterranean)	6 tbsp. per 500 sq. ft. in a min. of 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	Aphids, Dipterous Leafminers, Flea Beetles, Imported Cabbageworms, Leafhoppers,	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
	Cutworms (surface, subterranean)	6 tbsp. per 500 sq. ft. in a min. of 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	Aphids, Dipterous Leafminers, Flea Beetles, Leafhoppers, Spider Mites	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. Note: Resistant leafminers will not be controlled by diazinon or similar type insecticides.
Squash, Summer	Aphids, Thrips, Spider Mites	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 7 days of harvest.
Squash, Winter	Aphids, Thrips, Spider Mites	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 3 days of harvest.
Sweet Corn	Aphids, Thrips, Flea Beetles, Grasshoppers, Spider Mites	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	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 tbsp. per 500 sq. ft. in a min. of 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	2 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly 1-2 days before planting. Immediately work into soil 1-2 inches.
	Wireworms	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.
<b>Note:</b> To protect bees, do not apply to corn foliage during the pollen shed period.			
Tomatoes	Aphids, Colorado Potato Beetles, Fall Armyworms, Flea Beetles, Leafhoppers, Southern Armyworms, Vinegar Flies ( <i>Drosophila</i> spp.)	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 1 day of harvest.
	Cutworms (surface, subterranean)	6 tbsp. per 500 sq. ft. in a min. of 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	6 tbsp. per 500 sq. ft. in a min. of 1 gal. of water	Spray the soil evenly just before planting. Immediately work into soil 4-8 inches.
Turnips and Turnip Tops	Aphids, Dipterous Leafminers, Flea Beetles, Imported Cabbageworms, Leafhoppers,	1 tsp. in 1 gal. of water to cover 500 sq. ft. of garden	Thoroughly spray all plant parts. Repeat application every 7 days, up to 5 applications per season. Do not apply within 14 days of harvest. <b>Note:</b> Resistant leafminers will not be controlled by diazinon or similar type insecticides.
	Cutworms (surface, subterranean)	6 tbsp. per 500 sq. ft. in a min. of 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.

**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. Thoroughly wash with soap and water after use. 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**

<b>If Swallowed</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If Inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If on Skin or Clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Immediately rinse skin with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in Eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-xxx-xxxx for emergency medical treatment information.

**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 (ducks or geese), 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, NY 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 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.

**Buyer assumes all risks of use, storage or handling of this product not in strict accordance with this label.**

To obtain additional information or in case of an emergency call 770-787-1977.

{Note: The First Aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}