

HOW TO MIX AND APPLY

Step #1: For lawns and vegetable measure the area to be sprayed. For all other applications apply as a thorough cover spray. Make applications when insects first appear, or in advance of an expected infestation. Repeat applications as needed or as noted in the rate chart.

Step #2: Use clean sprayer. Carefully measure and mix the amount of **LAWN AND GARDEN INSECT CONTROL** and water as suggested in the chart below.

Step #3: Spray as directed in rate chart. Use coarse drenching sprays for lawns, soil, and other surface applications. Use medium-fine sprays for trees and plants. Thorough coverage is important. Flush sprayer with clean water after use.

RATE CHART FOR APPLYING LAWN AND GARDEN INSECT CONTROL WITH DIAZINON 12 1/2% E			
PROBLEM AREA	PESTS	RATE AND AREA COVERED	NOTES
LAWNS Blossoms Maroon, Fescue, St. Augustine, Dickcissel	Chinch Bugs, Sod Weevils, Ants, Earwigs	4 lbs (2 fl. oz.) in 3 gals of water covers 125 sq. ft. 16 fl. oz. in 24 gals. of water covers 1,000 sq. ft.	Thoroughly wet grass a few hours before spraying. In the north, if chinch bugs are the only insect problem, a lower rate of application can be used: 4 lbs in 3 gals of water covers 250 sq. ft.
	Millipedes	8 lbs (4 fl. oz.) in 3 gals of water covers 125 sq. ft. 1 qt./24 gals water covers 1,000 sq. ft.	
	Rhodes Grass, Scale Crawlers	4 lbs (2 fl. oz.) in 3 gals of water covers 100 sq. ft. 20 oz./30 gals water covers 1,000 sq. ft.	Apply when scale crawlers first emerge.
	White Grubs, Japanese Beetle, European Chaffer, Southern Chaffer, Billbug	4 lbs (2 fl. oz.) in 3 gals of water covers 100 sq. ft. 16 fl. oz. in 24 gals of water covers 1,000 sq. ft.	For White Grub Control, apply any time between late July and early October. Water grass thoroughly after application. For Billbug Control, apply when activity is first observed, or when cherted or brown grass indicates damage from these insects. Repeat as necessary.
	Hyperodes Weevil (New York only)	3 1/2 lbs (1 3/4 fl. oz.) in 3 gals of water covers 125 sq. ft. 13 oz. in 24 gals of water covers 1,000 sq. ft.	Treat problem areas in mid-April and again in mid-May. Water grass thoroughly after application.
ROSES AND FLOWERS: Roses, Azaleas, Chrysanthemums, Gladioli, Carnations	Aphids, Mites, Leafhoppers, Thrips	4 lbs (2 fl. oz.) per 3 gals of water. Apply as a thorough foliar spray.	Spray undersides of leaves. Wet plants to the dripping point.
TREES AND SHRUBS: Pine, Oak, Maple, Locust, Holly, Boxwood, Spruce, Willow	Aphids, Mites, Leaf Miners, Beguemoes, Saw Brown, Scaly, Oyster Shell, Magnolia, Leaf, Juniper, Florida Red, Fletcher, European Blue, Azalea and Pine Needle Scale Crawlers	4 lbs (2 fl. oz.) per 3 gals of water. Apply as a thorough foliar spray.	Wet leaves and branches to the dripping point. Try to penetrate dense foliage.
FRUITS: Apples, Peaches, Cherries, Plums, Grapes, Custard, Strawberries	Codling Moth, Mites, Aphids, Leaf Rollers, San Jose, Saw, Saw Brown, Furber, Oyster Shell and Leghorn Scale Crawlers	4 lbs (2 fl. oz.) per 3 gals of water. Apply as a full cover spray.	Start spraying after blooming and repeat at 10 to 14 day intervals as needed. Do not spray fruit within 21 days of picking.
VEGETABLES: Tomatoes, Carrots, Potatoes, Beans, Cucumbers, Cattleheads, Peppers, Cabbage	Bean Beetles, Aphids, Leaf Miners, Cucumber Beetles, Imported Cabbage Worms, Diamond Back Moth Larvae, Crim. Striped Cabbage Worms	4 lbs (2 fl. oz.) in 3 gals of water covers 1,000 sq. ft. (On peppers, apply one gal. of spray per 1,000 sq. ft.)	Generally application at 7-10 day intervals may be required. Do not apply within one day of picking tomatoes, 35 days of harvesting potatoes, or 14 days of picking all other crops listed in this section.
Cabbage, Carrots, Corn, Lettuce, Peas, Pole Beans, Radishes, Red Beets, Snap Beans, Tomatoes, Turnips	Caterpillars (Surface and Subterranean), Wireworms, Bart Maggots	Apply 12 fl. oz. per 1,000 sq. ft. as a soil treatment in sufficient water to obtain thorough coverage. Apply 9 fl. oz. per 1,000 sq. ft.	Make application to soil surface as a broadcast spray prior to planting. Thoroughly mix the chemical into the top 4-6 inches of soil.
MULCHING AREAS AND OUTSIDE AREAS:	Flies, Ants, Cockroaches, Boxelder Bug, Clover Mites, Earwigs	Add 16 fl. oz. per 3 gals of water	Thoroughly spray window frames, doors, sills, screens, porch and patio walls and ceiling, foundations, walls, garage cans, and into cracks and other places where insects may hide. Do not treat plants with this dosage rate.

See chart for complete insect list — use dosages shown unless otherwise indicated. 2 tablespoons = 1 fluid ounce or 6 teaspoons, 1 cup = 8 fluid ounces or 1/2 pint, 2 tablespoons in 3 gals. water = 2 teaspoons in 1 gal. water or 1/2 pint in 24 gals. (Note: Do not use on certain ferns, poinsettia, hibiscus, papaya, pilea, gerania, and orchids since injury may occur.)

Buyer's Guarantee Limited to Label Claims and Refund of Purchase Price.
MFG. by BONIDE CHEMICAL CO., INC., YORKVILLE, NY 13495

EPA Reg. No. 4-211

BONIDE

LAWN AND GARDEN INSECT CONTROL WITH
DIAZINON® 12 1/2% E

**KILLS CERTAIN OUTDOOR INSECTS WHICH
DESTROY LAWNS, ROSES, FLOWERS, TREES,
SHRUBS, FRUITS AND VEGETABLES.**

ACTIVE INGREDIENTS:
O,O-Dimethyl O-(2-isopropoxy-6-methyl-4-pyrimidinyl) phosphorothioate 10.25%
Xylene 42.75%

INERT INGREDIENTS: 47.00%

*Diazinon is trade name of CIBA-GEIGY
This product contains 1 lb. O,O-dimethyl O-(2-isopropoxy-6-methyl-4-pyrimidinyl) phosphorothioate per gallon.
100-076

EPA REG. NO. 4-211 EPA EST. NO. 4-NV-1

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

SEE SIDE PANEL FOR
ADDITIONAL PRECAUTIONARY STATEMENTS

DO NOT USE IN THE HOME

NET CONTENTS: 1/2 GAL. GAL.

BEST DOCUMENT AVAILABLE

PRECAUTIONARY STATEMENTS — HAZARDOUS TO HUMANS (& DOMESTIC ANIMALS)

CAUTION:

Harmful if swallowed. May be absorbed through skin. Do not breathe spray mist. Avoid contact with skin, eyes, and clothes. Wash thoroughly after handling. Avoid contamination of feed and foodstuffs. Do not use on household pets or humans. Do not permit children or pets to go onto the sprayed grass until the spray has completely dried. Keep out of reach of domestic animals. Do not use, pour, spill, or store near heat or open flame. **DO NOT USE IN THE HOME.**

STATEMENT OF PRACTICAL TREATMENT

If swallowed — Do not induce vomiting. Administer a slurry of water and activated charcoal. Seek immediate medical attention.
If on skin — Remove contaminated clothing and wash skin immediately with soap and warm water.
If in eyes — Wash with flowing water for at least 15 minutes. If poisoning occurs, obtain prompt medical aid.
If inhaled — Remove victim to fresh air and apply respiration if indicated.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Keep out of lakes, streams or ponds. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.
The product is highly toxic to bees exposed to direct treatment or by residues remaining on the treated area. Do not apply when bees are actively visiting the crop, cover crop, or weeds being treated in the treatment area. Applications should be timed to provide the maximum gap in bee activity between treatment and the next period of bee activity.

PHYSICAL OR CHEMICAL HAZARDS
DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with the label.

DISPOSAL
Do not reuse empty containers. Wash containers and put in trash collection.