

4-445

3/4/2002

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ACCEPTED

MAR 14 2002

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 4-445

MASTER LABEL

**Systemic Insecticide Granules
with Fertilizer
8-12-4**

Optional Marketing Statements

- Protects roses, flowers, trees & shrubs
- Kills both chewing and sucking insects, as listed
- Protects plants up to 6 weeks
- Protects plants from damage by birch leafminers, aphids, scale, spider mites and other listed chewing and sucking insects
- Systemic insecticide protection against leafminers and other listed insects
- Works systemically - is absorbed by plant roots and moves to all parts of the plant through the sap system
- Ready-to-Use
- Plant Food with Systemic insecticide protection against leafminers and other listed insects
- Protects and Feeds

ACTIVE INGREDIENTS:

Acephate (CAS No. 30560-19-1).....	1.5%
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OTHER INGREDIENTS:	98.5%
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**KEEP OUT OF REACH OF CHILDREN
CAUTION**

(See back/side/other panels for additional Precautionary Statements)

Net Weight 8 OZ./1 LB./2 LB./4 LB.

GUARANTEED ANALYSIS	8-12-4
Total Nitrogen (N).....	8.00%
5.60% Ammoniacal Nitrogen	
1.10% Urea Nitrogen	
1.30% Water Insoluble Nitrogen	
Available Phosphate (P ₂ O ₅).....	12.00%
Soluble Potash (K ₂ O).....	4.00%
Calcium (Ca).....	8.00%
Magnesium (Mg).....	3.00%
0.50% Water Soluble Magnesium (Mg)	
Sulfur (S).....	4.00%
4.00% Combined Sulfur (S)	
Boron (B).....	0.02%
Total Iron (Fe).....	0.40%
0.40% Water Soluble Iron (Fe)	
Total Manganese (Mn).....	0.05%
0.01% Water Soluble Manganese (Mn)	
Molybdenum (Mo).....	0.0008%
Total Zinc (Zn).....	0.05%

Derived from ammoniated superphosphate, ammonium phosphate, ammonium sulfate, ferrous sulfate, magnesium oxide, magnesium sulfate, manganese oxide, manganese sulfate, muriate of potash, sodium borate, sodium molybdate, urea, urea formaldehyde, zinc oxide.

When applied as directed, this product meets the guidelines for metals adopted by the Association of American Plant Food Control Officials. Information concerning the raw materials composing this product can be obtained by writing to the Guarantor listed on this label, and referring to the batch number found on this container. Information regarding the contents and levels of metals in this product is available on the internet at <http://www.wa.gov/agr>.

F1290

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

BONIDE® Systemic Insecticide Granules protects plants from the damage caused by sucking insects (aphids, lace bugs, leafhoppers, thrips) and certain chewing insects (leafminers, leaf beetles, leaf tiers and worms) as listed.

“Systemic” means that the insecticide is absorbed through the plant through the root system and then moves internally through the plant’s sap stream into the branches, leaves and new growth.

BONIDE® Systemic Insecticide Granules protects against insects for up to 6 weeks. It cannot be washed off by rain or sprinkling since the protection is internal. This unique action protects all surface areas, including the undersides of leaves. Even new growth is fully protected from insect damage.

Kills

Aphids (plant lice)

Leafminers

Leafhoppers

Lacebugs

Leaf-tier (larvae)

Maple Shoot Moth

Cuban Laurel Thrips

Dusky Birch Sawfly

Leaf Beetles (larvae)

Loopers

Use on

Roses, Chrysanthemum, Viburnum, Birch,

Snapdragon, Petunia, Ageratum, Salvia,

Spirea, Photinia, Crape myrtle

Holly, Yaupon, Birch, Zinnia

Dahlia, Aster, Marigold, Zinnia

Sycamore, Pyracantha, Azalea

Cherry laurel

Maple

Cuban laurel (Ficus)

Birch

Elm, Willow

Petunia, Dahlia

HOW TO APPLY

BONIDE® Systemic Insecticide Granules should be applied when plants first begin to show new growth in spring. Do not get granules on wet foliage.

Roses: Use 1 shaker cup (6 oz.) per 16 sq. ft. (4'x4') of soil. Spread evenly around the base of each plant and work into the soil 1-2 inches, taking care not to disturb plant roots. Water thoroughly. Make 2 applications in spring, 4-6 weeks apart, beginning at the first sign of new growth. Make one additional application in the fall to control aphids. Do not exceed 3 applications per year. A slight marginal tip burn may result on leaves of sensitive varieties of roses. Do not apply to newly planted roses in sandy soils or make multiple applications in the spring to established roses on sandy soils, as plant injury may occur. Do not apply to newly planted roses until they have become well established, or have been planted in the ground for 3 months.

Flowers: Apply 3 shaker cups (18 oz.) per each 45 sq. ft. (4½'x10') of bed area [1 shaker cup (6 oz.) per each 16 sq. ft. (4'x4') of bed area]. Work into the top 1-2 inches of the soil. Plant seed or set plants and water thoroughly. Repeat application in 4-6 weeks as needed. For *Dahlias*, do not exceed 3 applications per season.

Ornamental Shrubs & Trees (under 12 ft. tall): Use 3 shaker cups (18 oz.) per each 45 sq. ft. (4½'x10') [1 shaker cup (6 oz.) per each 16 sq. ft. (4'x4')] over the root zone of plants being treated. Distribute evenly from the base to the drip line on all sides of the plant. In cultivated areas, work into the top 1-2 inches of the soil and water thoroughly. For *Birch Leafminer* control, apply in early spring with leaves are unfolding (leaf puncture stage) or at the earliest sign of leaf damage. Repeat in 4-6 weeks for second generation. For *Pyracantha*, *Maple* and *Sycamore* do not exceed 3 applications per season.

STORAGE: Store product in original container in a locked storage area. Store and transport in an upright position.

DISPOSAL: *If empty* – Do not reuse this container. Do not rinse unless required for recycling. Place in trash. *If partially filled* – Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Unless otherwise instructed, place in trash. Never pour unused product down the drain or on the ground.

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If swallowed: Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

PRECAUTIONARY STATEMENTS**Hazards to Humans and Domestic Animals**

CAUTION: Harmful if absorbed through skin. Avoid breathing dust. Avoid contact with skin, eyes or clothing. When handling this product, wear chemical resistant gloves, long pants and long-sleeved shirt. Wash the outside of gloves with soap and water before removing.

Environmental Hazards

Toxic to birds. Cover or soil-incorporate spills. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

For information on pesticide products (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.

**Manufactured by
Bonide Products, Inc.
Oriskany, NY 13424**