

TRUSTED SINCE 1926
BONIDE

ROSE SHIELD™

Systemic
Rose & Flower Care
8-12-4

Protects & feeds for up to 8 weeks

**Promotes strong roots
and beautiful blooms**

Protects plants from damage by:

Aphids, Whiteflies, Mealybugs, Scale & other listed insects

ACTIVE INGREDIENT:

Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]
-N-nitro-2-imidazolidinimine..... 0.2%

OTHER INGREDIENTS:..... 99.8%

TOTAL:..... 100.0%

EPA Est. No. 4-NY-1 EPA Reg. No. 228-587-4

Restriction: Not for sale, sale into, distribution and/or use
in Nassau, Suffolk, Kings and Queens Counties in the
state of New York.

**Rainproof
Protection**



**Treats up to 48 rose bushes
or 300 sq. ft.**

Keep Out Of Reach Of Children

CAUTION (See inside booklet for First Aid and
additional Precautionary Statements)

Net Contents 6 LBS. (2.72 kg)

ROSE SHIELD™

Systemic

Rose & Flower Care 8-12-4

GUARANTEED ANALYSIS	8-12-4	Derived from Urea, Urea
Total Nitrogen (N)	8.00%	Formaldehyde, Ammonium Sulfate, Ammoniated Superphosphate, Ammonium Phosphate, Muriate of Potash, Magnesium Sulfate, Sodium Borate, Manganese Sulfate, Sodium Molybdate, Ferrous Sulfate, Zinc Sulfate.
5.6% Ammoniacal Nitrogen		
1.3% Water Insoluble Nitrogen*	1.1% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	12.00%	*1.3% slowly available nitrogen from urea formaldehyde
Soluble Potash (K ₂ O)	4.00%	Information concerning the materials composing this product can be obtained by writing to the Guarantor listed on this container and referring to the batch number found on this container.
Calcium (Ca)	8.00%	
Magnesium (Mg)	3.00%	
0.5% Water Soluble Magnesium (Mg)		
Sulfur (S)	4.00%	
4.0% Combined Sulfur (S)		
Boron (B)	0.02%	
Iron (Fe)	0.40%	
0.40% Water Soluble Iron (Fe)		
Manganese (Mn)	0.05%	
0.01% Water Soluble Manganese (Mn)		
Molybdenum (Mo)	0.0008%	
Zinc (Zn)	0.05%	

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>

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Buyers Guarantee Limited to Label Claims.

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Distributed by:

Bonide Products, LLC

6301 Sutliff Road

Oriskany, NY 13424

F002957

6 lbs

BN

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. For best results, read and follow all label directions.

For Outdoor Residential Use Only on Lawns, Landscape Areas, Roses, Flowers, and Shrubs.

DO NOT apply this product, by any application method, to linden, basswood or other Tilia species in the State of Oregon.

PRODUCT INFORMATION

This product feeds the plant to promote strong roots and beautiful blooms, while protecting the plant against insect damage for up to eight (8) weeks. This product is taken up by the roots and travels throughout the entire plant. New growth is protected against insects for up to 8 weeks. This product works inside the plant so rain and water will not wash off the insect protection. This product kills Adelgids, Aphids, Fungus gnats, Leafminers, Lace bugs, Leafhoppers, Mealybugs, Plant bugs,

Psyllids, Soft Scales, Thrips (suppression), Whiteflies, and other listed pests. Apply every 8 weeks during the growing season to roses, flowers and shrubs. 2 lbs. treats up to 16 medium-size roses or shrubs.

APPLICATION INFORMATION: ROSES, SHRUBS, FLOWERS

Use this product on Roses, Shrubs, and plantings around homes and residential areas to control listed pests. For new plants, apply when planting. For established plants, use before pest damage occurs or immediately when seen. Repeat applications every 8 weeks during the growing season.

HOW TO APPLY

Apply the required amount of granules evenly on top of soil, being careful not to damage the upper roots, incorporate thoroughly into the top soil layer (Wear glove if done by hand), then water in thoroughly after incorporating into soil. For flower beds, sprinkle granules evenly over bed. For

container plants, spread required amount of product evenly over the potting soil around the base of plant foliage and water thoroughly. For the first 10 days **DO NOT** water the container to the point that water overflows or leaks out the bottom of container.

KILLS

Adelgids, Aphids, Armored scales (suppression), Bark beetles (suppression), Borers (Round-headed including Eucalyptus longhorned), (Flat-headed including Alder, and Bronze Birch), Caterpillars, Fungus gnats, Japanese beetle adults, Lacebugs, Leaf beetles (including Elm, Viburnum, and Lily), Leafhoppers (including Glassy-winged sharpshooter), Leafminers (including Birch, Boxwood, and Holly), Mealybugs, Mimosa webworms, Pine tip moth larvae, Psyllids, Root weevil larvae (including Black vine weevils), Royal palm bugs, Sawflies (larvae), Soft scales (including Lobate lac scales), Thrips, White grub larvae (such as Japanese beetles, Chafer (Northern masked and European), Oriental beetles, and Asiatic garden beetles), and Whiteflies.

HOW MUCH TO USE

Roses: Apply 2 oz. per plant

Shrubs: Apply 4 oz. per foot of plant height

Flower Beds: Apply 4 oz. per 12 square feet (3' x 4' bed area).

APPLICATION RATES FOR CONTAINER PLANTS

CONTAINER SIZE	AMOUNT OF PRODUCT NEEDED
1 Gallon	2.5 Tablespoons
2 Gallon	1/3 cup
3 Gallon	1/2 cup
PLANT SIZE	
4 inch	2.5 teaspoons [tsp]
5 inch	1.5 Tablespoons [tbsp]
6 inch	2.5 Tablespoons [tbsp]

APPLICATION INFORMATION: LANDSCAPE AREAS

Apply this product as a broadcast application to landscape areas containing, trees, shrubs, evergreens, flowers, foliage plants, and ground covers to control listed soil and foliage pests. Make application prior to anticipated pest

infestation to achieve control. Rainfall, or irrigation after application will aid in maximizing control.

APPLICATION RATES FOR LANDSCAPE AREAS

LANDSCAPE PLANTINGS		PEST	DOSAGE
Including: Trees, Shrubs, Evergreens, Flowers, Foliage Plants, Ground Covers		White grub larvae Such as: Japanese beetle larvae, Chafer, Phyllophaga spp. Asiatic garden beetle, Oriental beetle	3.5 to 4.5 pounds per 1,000 square feet
Apply as a broadcast treatment. Irrigation or rainfall is necessary within 24 hours after application to move the active ingredient into soil.			
Flower Beds	Adelgids Aphids Armored scales (suppression) Japanese beetle (adults) Lacebugs Leaf beetles (including Elm, Virburnum, and Lily) Leafhoppers (including Glassy-winged sharpshooter)		4 ounces per 12 square feet (3 ft. x 4 ft. bed area) 4 ounces = 24 tsp or 8 tbsp
Roses	Leafminers (including Birch and Boxwood) Mealybugs Pine tip moth (larvae) Psyllids		2 ounces per plant 2 ounces = 12 tsp or 4 tbsp
Shrubs	Root weevil larvae (including Black vine) Sawflies (larvae) Soft Scales (including Lobate lac) Thrips Whiteflies		4 ounces per foot of plant height 4 ounces = 24 tsp or 8 tbsp

For new plants, apply when planting.

For established plants, use before pest damage occurs or immediately seen.

Repeat applications every 8 weeks during the growing season.

Apply the required amount of granules evenly on top of soil; mix thoroughly into the top soil layer, being careful not to damage the upper roots, then water in thoroughly. For flower beds, sprinkle granules evenly over bed.

RESTRICTIONS

- **DO NOT** apply near fish pools, ponds, lakes or streams.
- **DO NOT** apply to vegetable gardens.
- **DO NOT** use utensils such as teaspoons or measuring cups for food handling after they have been used to measure this product.
- Not for sale, sale into, distribution and/or use in Nassau, Suffolk, Kings and Queens counties in the state of New York.
- **DO NOT** apply more than 200 pounds (0.4 pound of active ingredient) per acre per year or 4.6 pounds/1000 ft².

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Store in a cool, dry place, away from heat or open flame.

PESTICIDE DISPOSAL: **If empty** – Non-refillable container. **DO NOT** refill or reuse this container. Place empty container in trash or offer for recycling if available. **If partly filled** - Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

FIRST AID

IF IN EYES

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

IF ON SKIN OR CLOTHING

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

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.

NOTE TO PHYSICIAN

No specific antidote is available. Treat the patient symptomatically.

ENVIRONMENTAL HAZARDS

This product is highly toxic to aquatic invertebrates. To protect the environment, **DO NOT** allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR ARISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

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KEEP OUT OF REACH OF CHILDREN CAUTION

See back panels for additional Precautionary Statements and First Aid.

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