



Can be used for  
organic gardening



**Serenade**<sup>®</sup>  
— garden —

# DISEASE CONTROL CONCENTRATE

Fungicide that attacks harmful garden diseases



**For Use on Roses, Vegetables, Fruits, Flowering Plants, Trees and Shrubs**

ACTIVE INGREDIENT:  
QST 713 strain of *Bacillus subtilis*\* ...1.34%  
OTHER INGREDIENTS .....98.66%  
TOTAL .....100.00%  
\*Contains a minimum of 1x10<sup>9</sup> cfu/g.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

(See attached label booklet for First Aid, Precautionary Statements, Storage and Disposal Instructions and Directions for Use.)

Lot No.:

**Net Contents 32 fl.oz. (946 mL)**

US60384345a 130507A      AQ1374-003

**DISEASES CONTROLLED OR SUPPRESSED ON VEGETABLES, FRUITS, NUTS, ORNAMENTAL PLANTS, TREES, SHRUBS, FOLIAGE, FLOWERS, FLOWERING PLANTS, AND TROPICAL PLANTS**

Anthracnose ( <i>Colletotrichum</i> spp.)	Early Blight ( <i>Alternaria solani</i> )
Bacteria ( <i>Erwinia</i> spp., <i>Pseudomonas</i> spp., <i>Xanthomonas</i> spp.)	-suppression Fire Blight ( <i>Erwinia amylovora</i> )-suppression
Bacterial Leaf Blight ( <i>Xanthomonas campestris</i> )	Gray Mold ( <i>Botrytis cinerea</i> )
Bacterial Speck ( <i>Pseudomonas syringae</i> pv. Tomato)	Greasy Spot ( <i>Mycosphaerella citri</i> )
Bacterial Spot ( <i>Xanthomonas</i> spp.)	-suppression Late Blight ( <i>Phytophthora infestans</i> )-suppression
-suppression	Leaf Spots ( <i>Alternaria</i> spp., <i>Cercospora</i> spp., <i>Entomosporium</i> spp., <i>Helminthosporium</i> spp., <i>Myrothecium</i> spp., <i>Septoria</i> spp.)
Bean Rust ( <i>Uromyces appendiculatus</i> )	-suppression Onion Downy Mildew ( <i>Peronospora destructor</i> )
-suppression	Black Mold ( <i>Alternaria alternata</i> )
Black Mold ( <i>Alternaria alternata</i> )	Onion Purple Blotch ( <i>Alternaria porri</i> )
Black Rot/Black Crown Rot ( <i>Alternaria</i> spp.)	<i>Phytophthora</i> spp.
Black Spot of Rose ( <i>Diplocarpon rosea</i> )	Pin Rot ( <i>Alternaria/Xanthomonas</i> complex)
Botrytis ( <i>Botrytis</i> spp.)	-suppression
Botrytis Leaf Blight ( <i>Botrytis squamosa</i> )	Powdery Mildew ( <i>Uncinula necator</i> , <i>Erysiphe</i> spp., <i>Sphaerotheca</i> spp., <i>Oidiopsis taurica</i> , <i>Leveillula taurica</i> , <i>Podosphaera leucotricha</i> , <i>Didium</i> spp., <i>Podosphaera</i> spp.)
Botrytis Neck Rot ( <i>Botrytis</i> spp.)	Rust ( <i>Puccinia</i> spp.)
Downy Mildew ( <i>Bremia lactucae</i> , <i>Peronospora</i> spp., and <i>Plasmopara viticola</i> )	Scab ( <i>Venturia</i> spp.)-suppression Sclerotinia Head and Leaf Drop ( <i>Sclerotinia</i> spp.)
suppression	Sour Rot Target Spot ( <i>Corynespora cassiicola</i> )
	Walnut Blight ( <i>Xanthomonas campestris</i> )
	White Mold ( <i>Sclerotinia sclerotiorum</i> )-suppression

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage and disposal. **PESTICIDE STORAGE:** Store in original container only in an area inaccessible to children. Keep container closed when not in use. Store at room temperature. **PESTICIDE DISPOSAL AND CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. If empty: Place 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.

**CONDITIONS FOR SALE AND WARRANTY  
IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, plant injury other property damage, as well as other unintended consequences may result because of factors beyond the control of Bayer CropScience LP. Those factors include, but are not limited to, weather conditions, presence of other materials or the manner of use or application. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSOURCE LP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSOURCE LP DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

**LIMITATIONS OF LIABILITY:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSOURCE LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

Bayer CropScience LP, P.O. Box 12014, 2 T.W. Alexander Drive  
Research Triangle Park, North Carolina 27709



For Organic Use



**Serenade**<sup>®</sup>  
— garden —

**DISEASE CONTROL**

**CONCENTRATE**

**Controls Powdery Mildew, Rust, Gray Mold**

EPA Reg. No. 264-1152

EPA Est. No. 264-MEX-001

For **MEDICAL** And **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577  
For **PRODUCT USE** Information Call 1-877-229-3724

Produced by:  
Bayer CropScience LP  
P.O. Box 12014, 2 T.W. Alexander Drive  
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North Carolina 27709

**KEEP OUT OF REACH OF CHILDREN  
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Product of Mexico  
US60384337c 130507Ab  
AQ1374-003



#### FIRST AID

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

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No.1-800-334-7577.

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if inhaled. Avoid breathing spray mist. Remove and wash contaminated clothing before reuse.

#### ENVIRONMENTAL HAZARDS

To protect the environment, do not allow pesticide to enter or runoff into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage systems.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For use only as described on this label. Not for isolation or deformation. Do not culture.

#### BASIC USE INFORMATION

Serenade® Garden Disease Control Concentrate is a broad spectrum, preventative biofungicide recommended for the control or suppression of many important plant diseases. Serenade Garden Disease Control Concentrate may be used on roses, vegetables, fruits, nuts, flowers, houseplants, foliage, trees, shrubs located in residential landscapes.

Serenade Garden Disease Control Concentrate may be applied any time of day, in full sun and high temperatures, without stressing or burning foliage.

Serenade Garden Disease Control Concentrate can be applied up to and on the day of harvest.

Serenade Garden Disease Control Concentrate can be used on the day of harvest and on all fruits and vegetables used in canning. **IMPORTANT: READ CONDITIONS FOR SALE AND WARRANTY BEFORE USE**

#### READ THE LABEL FIRST!

#### WHEN TO USE

- For best results, treat prior to foliar disease development or at the first sign of foliar disease infection.
- Repeat at 7-day intervals or as needed.
- When environmental conditions favor rapid disease development (high humidity, excessive rain, extreme moisture condition, etc.), spray more often.

#### BEFORE YOU USE

**Read and follow these directions when using:**

- Do not allow spray to drift from application site.
- For Pressurized Hand-Held Sprayer and Spray Trigger Bottle Use Only - Do not allow spray mixture to stand overnight or for prolonged periods.

**Serenade Garden Disease Control Concentrate can be applied in commonly used pressurized hand-held sprayers and spray trigger bottles.**

#### HOW TO USE

- Shake Well Before Use
- Fill sprayer or bottle with appropriate amounts of concentrate and water (use water only).
- Mix the spray solution thoroughly.
- Keep spray solution agitated during application.

#### HOW MUCH TO USE

##### For Fruits, Vegetables, Nuts:

- 2 fl oz (1/4 cup = 4 TBSP) to 4 fl oz (1/2 cup = 8 TBSP) of Serenade Garden Disease Control Concentrate per gallon of water.
- Spray plants to run-off, covering both top and bottom surface of foliage to ensure thorough coverage.

##### For Annual and Perennial Ornamental Plants, Flowers, Flowering Plants, Tropical Foliage, Foliage, Trees and Shrubs:

- 2 fl oz (1/4 cup = 4 TBSP) to 4 fl oz (1/2 cup = 8 TBSP) of Serenade Garden Disease Control Concentrate per gallon of water.
- Spray plants to run-off, covering both top and bottom surface of foliage to ensure thorough coverage.

#### Hose-End Sprayer

#### HOW TO USE

- Shake Well Before Use
- Follow hose-end sprayer directions to determine how to fill, set dial, clean and disconnect from hose.
- Set dial on sprayer to deliver rates of this product per gallon as directed below.

#### HOW MUCH TO USE

- No mixing or measuring is needed. Dilutes automatically as you spray. Spray plants to run-off.

##### For Fruits, Vegetables, Nuts:

- Set sprayer to apply 2 fl oz (1/4 cup = 4 TBSP) to 4 fl oz (1/2 cup = 8 TBSP) of Serenade Garden Disease Control Concentrate per gallon of water.
- Spray plants to run-off, covering both top and bottom surface of foliage to ensure thorough coverage.

##### For Annual and Perennial Ornamental Plants, Flowers, Flowering Plants, Tropical Foliage, Foliage, Trees and Shrubs:

- Set sprayer to apply 2 fl oz (1/4 cup = 4 TBSP) to 4 fl oz (1/4 cup = 8 TBSP) of Serenade Garden Disease Control Concentrate per gallon of water.
- Spray plants to run-off, covering both top and bottom surface of foliage to ensure thorough coverage.

#### WHERE TO USE: VEGETABLES, FRUITS, NUTS, FLOWERS, FOLIAGE, TREES, AND SHRUBS

#### ORNAMENTALS, TREES, FOLIAGE, SHRUBS, FLOWERS, FLOWERING PLANTS, TROPICAL PLANTS:

Some pesticides can cause phytotoxic effects ranging from slight burning or browning of leaves to distorted leaves, fruit, flowers or stems. Damage symptoms may vary with the type of plant that has been treated. It is impossible to test all plants for phytotoxicity. To assure that the plants to be treated are not sensitive to the treatment, apply a small amount of the highest application rate of the product to a few leaves or the above ground portion of a plant and check within 3 days for signs of phytotoxicity. Use product according to label directions.



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