



# Serenade® Garden Disease Control CONCENTRATE

*For Home and Garden Use*



Can be used in organic gardening



Listed for use in organic production by the Organic Materials Review Institute

- Fungicide that attacks harmful garden diseases
- Use on Roses, Vegetables, Fruits, Flowering Plants, Trees and Shrubs
- Controls Bacterial Spot, Powdery Mildew, Rust, Grey Mold, Leaf Blight, Scab, and more

### ACTIVE INGREDIENT

QST 713 strain of *Bacillus subtilis* . . . . . 1.34%

INERT INGREDIENTS . . . . . 98.66%

Total . . . . . 100.00%

Contains a minimum of 1 x 10<sup>9</sup> CFU/g

EPA Reg. No. 69592-12

EPA Est. No.: 69592-MEX-1

U.S. Patent Nos. 6,060,051, 6,103,228, 6,291,426, and 6,417,163 on QST 713 strain of *Bacillus subtilis*

Net contents: 20 fluid ounces **OR** 32 fluid ounces

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

---

### 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.

**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 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF ON SKIN:** Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a 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 by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

---

### PRECAUTIONARY STATEMENTS

---

#### HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if inhaled. Avoid breathing spray mist. Remove contaminated clothing and wash before reuse. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water.

---

### ENVIRONMENTAL HAZARDS

---

Do not apply directly to water. Do not contaminate water when disposing of equipment wash waters or rinsate.

---

### DIRECTIONS FOR USE

---

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

---

### GENERAL 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 vegetables, fruits, nuts, flowers, foliage, trees, and shrubs located in residential landscapes.

## MIXING AND APPLICATION INSTRUCTIONS

Serenade Garden Disease Control Concentrate can be applied in commonly used pressurized hand-held and hose-end sprayers. Spray to ensure thorough coverage of the plant.

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. Under conditions of high disease pressure, shorten the spray interval or, for ornamental plants, use the higher rate.

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

### Pressurized Hand-Held Sprayer Application Instructions:

**Mixing:** For Apples/Pears, Broccoli, Carrot, Cherries, Cucurbits, Grapes, Leafy Vegetables, Onions/Garlic, Pepper, Tomato, and Walnuts, mix 4 fluid oz (½ cup) of Serenade Garden Disease Control Concentrate per gallon of water.

For Ornamental Plants – Annual and Perennial Flowering Plants, Tropical Foliage, Trees and Shrubs, mix 1 - 2 fluid oz (2-4 tablespoons) of Serenade Garden Disease Control Concentrate per gallon of water. Use the higher rate under conditions of high disease pressure.

Mix thoroughly and keep spray solution agitated during application. Do not allow spray mixture to stand overnight or for prolonged periods.

**Application:** Use 15 fluid ounces of spray solution per 100 square feet.

### Hose-End Sprayer Application Instructions:

For Apples/Pears, Broccoli, Carrot, Cherries, Cucurbits, Grapes, Leafy Vegetables, Onions/Garlic, Pepper, Tomato, and Walnuts, apply 4 fluid oz (½ cup) of Serenade Garden Disease Control Concentrate per 1000 square feet.

For Ornamental Plants – Annual and Perennial Flowering Plants, Tropical Foliage, Trees and Shrubs, apply 2 fluid oz (¼ cup) of Serenade Garden Disease Control Concentrate per 1000 square feet.

## VEGETABLE, FRUIT, NUT and ORNAMENTAL DISEASES CONTROLLED or SUPPRESSED BY SERENADE GARDEN DISEASE CONTROL CONCENTRATE

Anthracnose (*Colletotrichum* spp.)

Bacteria (*Erwinia*, *Pseudomonas*, *Xanthomonas* spp.)

Bacterial Leaf Blight (*Xanthomonas campestris*)

Bacterial Speck (*Pseudomonas syringae* pv. Tomato)

Bacterial Spot (*Xanthomonas* spp.)

Black Mold (*Alternaria alternata*)

Black Root Rot/Black Crown Rot (*Alternaria* spp.)

Black Spot of Rose (*Diplocarpon rosea*)

Botrytis (*Botrytis* spp.)

Downy Mildew (*Bremia lactucae*, *Personospora* spp.) and (*Plasmopara viticola* - suppression)

Early Blight (*Alternaria solani*)

Fire Blight (*Erwinia amylovora*) - suppression

Gray Mold (*Botrytis cinerea*)

Late Blight (*Phytophthora infestans*)

Leaf Spots and Rusts – (*Alternaria*, *Cercospora*, *Entomosporium*, *Helminthosporium*, *Myrothecium*, *Septoria*, *Puccinia*, and *Phragmidium* spp.)

Pin Rot (*Alternaria/Xanthomonas* complex) - suppression

Powdery Mildew (*Uncinula necator*, *Erysiphe* spp., *Sphaerotheca* spp., *Oidiopsis taurica*, *Leveillula taurica*, *Podosphaera leucotricha*)

Scab (*Venturia* spp.) – suppression

Target Spot (*Corynespora cassicola*)

Walnut Blight (*Xanthomonas campestris*)

---

**STORAGE AND DISPOSAL**

---

**STORAGE:** Store in a dry area inaccessible to children. Store in original container only. Keep container closed when not in use.

**CONTAINER DISPOSAL:**

**If empty:** Do not reuse this container. 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.

Questions or Comments call 800 962-8980  
[www.agraquest.com](http://www.agraquest.com)

For emergencies such as leaks or spills, call 24-hour toll-free CHEMTREC hotline at 1.800.424.9300.

---

**CONDITIONS FOR SALE AND WARRANTY**

---

AgraQuest warrants to those persons lawfully purchasing this product that at the time of the first sale of this product by Seller that this product conformed to its description and was reasonably fit for the purposes stated on the label when used in accordance with Seller's directions. Buyers and users of this product assume the risk of any use contrary to such directions. EXCEPT AS PROVIDED ELSEWHERE IN WRITING CONTAINING AN EXPRESS REFERENCE TO THIS WARRANTY AND LIMITATION OF DAMAGES, SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OR GUARANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO. To the extent permitted by state law, the Seller's liability for any breach of warranty shall not exceed the purchase price of the material as to which a claim is made.

To the extent permitted by state law, Buyers and users of this product are responsible for all loss or damage from use or handling of this product which results from conditions beyond the control of Seller, or without the fault or negligence of the Seller, or from failure to follow the label.

Serenade® is a registered trademark of AgraQuest, Inc.

© Copyright AgraQuest, Inc., 2004

Made in Mexico



AgraQuest, Inc.  
1530 Drew Avenue  
Davis, CA 95616  
[www.agraquest.com](http://www.agraquest.com)