

**Safer**  
BRAND

**Garden Defense**  
Multi-Purpose Spray Concentrate

Fungicide Insecticide Miticide

For Use on Fruits, Vegetables & Ornamentals

FOR organic gardening

ACTIVE INGREDIENTS:	BY WT.	<b>KEEP OUT OF REACH OF CHILDREN</b> <b>CAUTION</b> (See pamphlet for additional Precautionary Statements)
Clarified Hydrophobic Extract of Neem Oil.....	70.00%	
OTHER INGREDIENTS:.....	30.00%	EPA Reg. No. 70051-2-42697
TOTAL.....	100.00%	EPA Est. No. 63416-MN-001

See attached pamphlet for Use Instructions

**NET CONTENTS 2.5 FL. OZ.**



Department of Agriculture  
STATE OF HAWAII

**LICENSED**

PERIOD **2015-2017** LIC. NO.

**9381.210**



Department of Agriculture  
STATE OF HAWAII

**LICENSED**

PERIOD **2012-2014** LIC. NO.

# SAFER® BRAND Garden Defense Multi-Purpose Spray Concentrate



For use on roses, flowers, houseplants, ornamental trees and shrubs, fruits, nuts, vegetables, and home lawns

For use in and around the home and garden. Controls black spot, powdery mildew, rust, needle rust, downy mildew, spider mites, aphids, whiteflies, twig and tip blight, anthracnose, scab and flower, botrytis, alternaria, turf diseases, and other insect pests.

Can be used up until the day of harvest

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Clarified Hydrophobic Extract of Neem Oil.....	70%
<b>OTHER INGREDIENTS:</b> .....	30%
<b>TOTAL</b> .....	100.00 %

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## KEEP OUT OF REACH OF CHILDREN CAUTION

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS:

**CAUTION:** Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

FIRST AID	
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<p><b>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</b> <b>Hot Line Treatment: 1-800-858-7378</b></p>	

### ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate. To protect the environment, do not allow pesticide to enter or run off 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 run off to water bodies or drainage systems.

### BEE HAZARD

This product is toxic to bees if exposed to direct treatment. Do not apply this product while bees are actively visiting the treatment area.

### DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING

#### General Information

- Defends your roses against insects, diseases, and mites
- Do not add adjuvants (spreaders, stickers, extenders, etc) to Safer Brand Garden Defense.
- Stops powdery mildew in 24 hours.
- Kills eggs, larvae, and adult insects
- Shake well before using
- For optimal performance, do not mix with cold water (less than 34 degrees F)
- Prevents and controls black spot on roses, anthracnose, rust and powdery mildew
- Do not apply to wilted or otherwise stressed plants, or to newly transplanted materials prior to root establishment.
- May also be used as a dormant or delayed dormant spray to control overwintering eggs of various insects on fruit and shade trees, shrubs, roses, and other ornamentals and vegetables.
- Do not apply to known sensitive plant species, such as impatiens flowers, fuchsia flowers, hibiscus flowers, some rose flowers, ornamental olive trees, or some carnation varieties without prior testing
- As with other oil-based products, exercise care in timing applications to early morning/late evening to minimize the potential for leaf burn.
- Use with care on plants with tender tissue. Check for leaf burn in small scale trials prior to use.
- Can be used as a leaf polish on hardy plants

#### FUNGICIDE USE

For use on fruits, vegetables, herbs, spices, roses, houseplants, flowers, trees and shrubs, home lawns.

#### MANAGEMENT OF TURF DISEASES

Safer® Brand Garden Defense may be used on all turf such as Kentucky bluegrass, perennial ryegrass, turf type tall fescue, Bermudagrass, zoysiagrass and St. Augustinegrass around the home. Refer to below table for detailed application rates.

Spray Target	Concentration	Spray Interval	Precautions
Snow Mold	1:100 – 1:500 (1.0% - 2.0%)	14 days	In Fall before first snow
Dollar Spot	1:100 – 1:200 (1.0% - .5%)	7-14 days	At first sign of disease
Brown Patch	1:100 – 1:200 (1.0% - .5%)	7-14 days	At first sign of disease

## APPLICATION INSTRUCTIONS

Safer® Brand Garden Defense is an effective fungicide for the prevention and control of various fungal diseases including powdery mildew, black spot, downy mildew, anthracnose, rust, leaf spot, botrytis, needle rust, scab and flower, twig and tip blight, and alternaria. As a preventative, apply Safer® Brand Garden Defense on a 7 to 14 day schedule until disease development is no longer present. To control disease already present, apply Safer® Brand Garden Defense on a 7 day schedule until disease pressure is eliminated. Then continue spraying on a 14 day schedule to prevent the disease from reoccurring. To prevent rust leaf spot diseases, anthracnose and scab, begin applications at the first sign of spring budding. To prevent powdery mildew, apply in mid-summer or when disease is first detected. Continue applications until disease pressure no longer exists.

## MIXING INSTRUCTIONS

Mix Safer® Brand Garden Defense at a rate of 2 tablespoons (1 fluid ounce) per gallon of water. [Mix 0.5 tablespoons (0.25 fluid ounces) of Safer® Brand Garden Defense per quart of water.] Thoroughly mix solution and spray all plant surfaces (including undersides of leaves) until completely wet. Frequently mix solution as you spray.

### INSECTICIDE/MITICIDE USE:

For Use on FRUITS, VEGETABLES, HERBS, SPICES, ROSES, HOUSEPLANTS, FLOWERS, TREES AND SHRUBS

### APPLICATION INSTRUCTIONS:

Apply Safer® Brand Garden Defense at first sign of insects/mites. For control of aphids, spider mites, scale, whiteflies, beetles, leafrollers, and other insect pests. Safer® Brand Garden Defense is most effective when applied every 7 to 14 days. For heavy insect populations, spray on a 7-day schedule.

### MIXING INSTRUCTIONS:

Mix Safer® Brand Garden Defense at a rate of 2-4 tablespoons (1-2 fluid ounces) per gallon of water. [Mix 0.5-1.0 tablespoons (0.25-0.50 fluid ounces) of Safer® Brand Garden Defense per quart of water.] Thoroughly mix solution and spray all plant surfaces (including undersides of leaves) until completely wet. Frequently mix solution as you spray.

## STORAGE & DISPOSAL

**Pesticide Storage:** Keep in original container. Store away from direct sunlight, feed or foodstuffs. Keep container tightly sealed when not in use. Keep from freezing.

### Pesticide and Container Disposal

**If empty:** Non-refillable container. Do not reuse or refill 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.

Woodstream Corporation warrants that the material contained herein conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. Timing and method of application, weather, watering practices, nature of soil, the insect problem, condition of the crop, incompatibility with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herein. **NO OTHER EXPRESS OR IMPLIED WARRANTY OF THE FITNESS OR MERCHANTABILITY IS MADE.**

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EPA Reg. No. 70051-2-42697  
EPA Est. No. 63416-MN-001

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