



Department of Agriculture
STATE OF HAWAII

LICENSED

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

8713.13
Disc.



Department of Agriculture
STATE OF HAWAII

LICENSED

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

GREEN LIGHT  **CONCENTRATE**
Makes Up To
16 GALLONS

Rose Defense

Controls Blackspot, Powdery Mildew, Rust, Spider Mites, Aphids, Whiteflies and Other Insect Pests

OMRI
Listed
Organic Materials Review Institute

ACTIVE INGREDIENT:
Clarified Hydrophobic Extract of Neem Oil 70%
OTHER INGREDIENTS 30%
TOTAL 100%

KEEP OUT OF REACH OF CHILDREN
CAUTION See Booklet For Additional Precautionary Statements

Net Contents 16 FL OZ (1 PT) 474 ml

07516
Form 7033-A

R E C E I V E D

SEP 13 2011

Pesticides Branch

ROSE DEFENSE®

Shake Well Before Using

DIRECTIONS FOR USE

Mix 2 Tablespoons Per Gallon Of Water

Green Light and Rose Defense are registered trademarks
of Valent U.S.A. Corporation

EPA Reg. No. 70051-2-85827
EPA Est. No. 39578-TX-01

Distributed by:
Green Light, A Valent U.S.A. Company
P.O. Box 8025
Walnut Creek, CA 94596-8025

Form 7120-B
70051-2.20100803

www.greenlightco.com
Tel. (800) 777-5702

Rev. 8-15-2011



PINT



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 the first 5 minutes, then continue rinsing eye. 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 15-20 minutes. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Hot Line Number: **800-892-0099**

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

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

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 into water bodies or drainage systems.

Bee Hazard: This product is toxic to bees 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:

- **SHAKE WELL BEFORE USING.**

- Defends your roses against insects, diseases and mites.
- Do not add adjuvants (spreaders, stickers, extenders, etc.) to Rose Defense®.
- Stops powdery mildew in 24 hours.
- Kills eggs, larvae and adult insects.
- For optimal performance, do not mix with cold water (less than 34°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 ROSES, HOUSEPLANTS, FLOWERS, TREES and SHRUBS.

APPLICATION INSTRUCTIONS: *Rose Defense* is an effective fungicide for the prevention and control of various fungal diseases including powdery mildew, blackspot, downy mildew, anthracnose, rust, leaf spot, botrytis, needle rust, scab, and flower, twig and tip blight, and alternaria. As a preventative, apply *Rose Defense* on a 7 to 14 day schedule until disease development is no longer present. To control disease already present, apply *Rose 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 *Rose Defense* at the rate of 2 tablespoons (1 fluid ounce) per gallon 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 ROSES, HOUSEPLANTS, FLOWERS, TREES, and SHRUBS.

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

MIXING INSTRUCTIONS: Mix *Rose Defense* at the rate of 2-4 tablespoons (1-2 fluid ounces) per gallon of water. Thoroughly mix solution and spray all plant surfaces (including underside of leaves) until completely wet. **Frequently mix solution as you spray.**

STORAGE AND 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:** Nonrefillable 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.

WARRANTY

Green Light, A Valent U.S.A. Company 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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PEEL BACK BOOK AND RESEAL AFTER OPENING ▲