

 **NATURAL  
INSECTICIDE**



/// **YOUR GUIDE TO CONTROLLING  
COMMON PESTS & FUNGI** ///



**Aphididae**  
(WHITEFLIES/APHIDS)



**Coleoptera**  
(BEETLES)



**Tetranychidae**  
(SPIDER MITES)



**Thysanoptera**  
(THRIPS)



**Sciaridae**  
(FUNGUS GNATS)



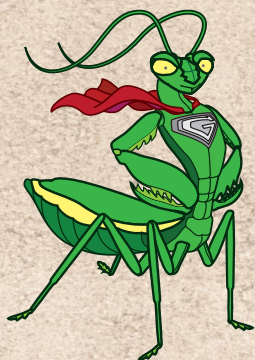
**Erysiphales**  
(POWDERY MILDEW)

- OMRI Listed natural insecticide
- Great for gardens and indoors
- Safe for use around family and pets
- Ultra concentrated formula
- For use with any application system





## MEET THE MANTIS



# Guard 'n Spray™

Guard 'n Spray is a mixture of all natural plant oils designed to help prevent and combat common pests and fungi in your garden. As an aqueous solution, it is deployed via any sprayer, fogger, or atomizer system, and can be used as a preventative spray or fog, or as a reactionary defense from invasive pests. Guard 'n Spray can also be used as a soil drench to eliminate soil borne pests and their eggs.

## HOW IT WORKS



### ***Suffocates***

Guard 'n Spray suffocates by clogging breathing tubes in pests, also known as spiracles, resulting in a slow but effective death.

### ***Desiccates***

In soft bodied insects, Guard 'n Spray can also dry out the bodies and eggs of the insects upon contact with the solution.

### ***Emaciates***

For sucking bugs and leaf-eating pests, upon consumption Guard 'n Spray causes them to be unable to hold down food, resulting in their eventual starvation.



The natural active ingredients in Guard 'n Spray also treats and controls fungi by stopping its ability to reproduce.

## WHAT MAKES IT SPECIAL



Guard 'n Spray contains a blend of horticultural oils specially selected for their toxicity to common garden pests.

- **Cinnamon oil** repels pests as well as discourages them from consuming the plant material.
- Various compounds in **Sesame** and **Rosemary oils** act as toxicants when consumed.
- **Citric acid** acts as a dessicant, drying up and dissolving exoskeletal structures.

Using multiple active ingredients ensures improved efficacy through more numerous active compounds.



## DEPLOYMENT GUIDE



Guard 'n Spray is sold as a concentrate and must be diluted before use. The following information is the recommended ways to use Guard 'n Spray:



Shake well before using. Add 15-30 mL per gallon of water.



For preventative purposes, spray no more than 2-3 times per day at 15mL/ Gallon.



For combative/reactionary purposes, spray no more than 2-3 times per day at 30mL/Gallon.



The 32oz concentrate makes about 32 gallons of Guard 'n Spray at full strength dilution rates of 30mL/Gallon.



As a soil drench, dilute at 30mL/Gallon and apply directly to root zone.

## BEST PRACTICES



Guard 'n Spray is safe to use during the day and under mild lighting conditions. Exercise caution when spraying during periods of intense sunlight or heat over 90 degrees.



Spray directly on visible pests and all parts of the plant including the undersides of leaves and all node points.



Guard 'n Spray can be used in foggers and atomizing systems as well as traditional sprayers. Use Guard 'n Spray once or more per day depending on the level of infestation.



When spraying, be sure to always wear protective outerwear, such as gloves and masks.



Guard 'n Spray is safe to use during vegetative growth stages. Guard 'n Spray should not be used during mid to late flowering, but can be used in early flowering stages, provided internodal spacing is greater than 1-2 inches.



Guard 'n Spray can be used as a preventative or a reactionary pest control.

## AVAILABLE NOW



Guard 'n Spray is available exclusively through **Left Coast Wholesale**. You can contact them at **800.681.1757**, or at [contact@leftcoastwholesale.com](mailto:contact@leftcoastwholesale.com)





# BENEFICIAL INSECTS



Indirect contact with Guard 'n Spray  
will not harm beneficial insects.<sup>1</sup>



***Anthophila***  
(BEES)

Guard 'n Spray is a natural insecticide, and will not harm, displace, or disrupt bees.



***Mantodea***  
(PRAYING MANTIS)

The praying mantis is one of nature's most formidable insects, and will eat all other insects.



***Coccinellidae***  
(LADYBUGS)

Ladybugs are a gardener's best friend—they love to eat spider mites, aphids, thrips, and white flies.



<sup>1</sup>*Insect Control: Horticultural Oils - 5-569*  
by W.S. Cranshaw and B. Baxendale  
Colorado State University

"Oils pose few risks to people or to most desirable species, including beneficial natural enemies of insect pests. This allows oils to integrate well with biological controls."

MANUFACTURED BY RHIZOFLORA, INC.

DISTRIBUTED BY LEFT COAST WHOLESALE



**Guard 'n Spray™**  
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