

# GROWER'S ALLY® CROP DEFENDER 3

## PROTECTING PEOPLE, PLANTS & PROFITS



**100% ERADICATION  
OF SPIDER MITES & EGGS**  
AFTER 1 WEEK, 1 APPLICATION.



### TRIPLE-ACTION CROP PROTECTION

Miticide, insecticide and fungicide proven to kill powdery mildew, spider mites, russet mites, thrips, aphids and their eggs. Will not clog the plant stomata.



**99% MORTALITY  
RATE ON APHIDS**  
AFTER 1 WEEK, 1 APPLICATION.



### ZERO POLLUTANTS

Tests clean and contains no residual solvents, no synthetic pesticides and no heavy metals. FIFRA 25(b) and OMRI Listed® for organic gardens.



**93% CONTROL  
OF POWDERY MILDEW**  
VERSUS UNTREATED CHECK AFTER  
1 MONTH, 5 APPLICATIONS.



### HARVEST SAME DAY

Trusted by cultivators up to the day of harvest. Volatilizes in 48 hours, allowing for safe application through the flowering stage.

## BENEFITS

- OMRI Listed®
- FIFRA 25(b) Exempt
- Zero REI
- Minimal PPE
- Bee Safe®
- No Reported Phytotoxicity
- Made in the USA



SMALL FORMATS



LARGE FORMATS

# INGREDIENTS

## ACTIVE INGREDIENTS

- Thyme Oil 15.50%
- Rosemary Oil 10.00%
- Clove Oil 3.00%
- Peppermint Oil 2.00%

## INERT INGREDIENTS

- Glycerol Monooleate
- Sorbitol
- Isopropyl Myristate
- Butyl Lactate
- Lauric Acid
- Myristic Acid
- Palmitic Acid
- Stearic Acid
- Oleic Acids

# MODE OF ACTION

Grower's Ally® Crop Defender 3 is formulated with a synergistic blend of botanical oils. Every component plays a role in the highly effective formula. Thyme oil is nature's disinfectant, powerfully fighting microorganisms and protecting your plants from common pathogens. Rosemary, clove and peppermint oils kill insects through paralysis and suffocation on contact. When used as a preventative treatment, rosemary oil also has strong repellent properties and any insect not contacted by direct spray will quickly leave the treatment area.

# DIRECTIONS

## PREVENTATIVE CARE

- Prior to mixing, shake the concentrate well.
- Dilute the concentrate at 0.25% mix rate or 10 mL/gal.
- Using an atomized sprayer, apply a fine mist to the stems and leaves, including undersides.
- Thoroughly cover the plant until there is runoff.
- Only apply when the temperature is below 90°F.
- Spray every 7 days to keep plants healthy.

## SUGGESTED USE

- Apply to outdoor crops in the early morning or late afternoon. Avoid application during the hottest part of the day.
- When using indoors, lights and fans should be brought back on 2–3 hours after application.
- Surfactant built in, no need to add a wetting agent.

## FOR INFESTATIONS

- Treat at first sign of infestation.
- Prior to mixing, shake the concentrate well.
- Dilute the concentrate at 1.00% mix rate or 40 mL/gal.
- A using an atomized sprayer, apply a fine mist to the stems and leaves, including undersides.
- Thoroughly cover the plant until there is runoff.
- Only apply when the temperature is below 90°F.
- Spray every 3–5 days, as needed.

## CROP DEFENDER 3 COUNTERTOP DISPLAY

Includes 25 sample concentrate bottles

Each bottle makes 1 gallon of finished product

Perfect trial-size for interested growers



# RECOMMENDED MIX RATES AND TREATMENT INTERVALS

## GROWER'S ALLY® CROP DEFENDER 3 CONCENTRATE OUTPUT

SMALL FORMATS				8 oz		1 qt		1 gal	
Type of Use	Mix Rate	mL/Gal	Treatment Interval	Output		Output		Output	
				gal.	sq. ft.	gal.	sq. ft.	gal.	sq. ft.
Preventative	0.25%	10	7 days	25	10,000	100	40,000	400	160,000
Curative	1.00%	40	3–5 days	6	2,500	25	10,000	100	40,000
LARGE FORMATS				2.5 gal		30 gal		275 gal	
Type of Use	Mix Rate	mL/Gal	Treatment Interval	gal Output		Output		Output	
				gal.	acres	gal.	acres	gal.	acres
Preventative	0.25%	10	7 days	1,000	10	12,000	120	110,000	1,100
Curative	1.00%	40	3–5 days	250	2.5	3,000	30	27,500	275



1-800-657-0745 | [www.carlinsales.com](http://www.carlinsales.com)

Sarasota Green Group, LLC represents that this product is a minimum risk pest control product and qualifies for exemption from EPA registration under the Federal Insecticide, Fungicide and Rodenticide Act [FIFRA 25(b)].

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