






We deliver a full line of biological solutions to control pests, prevent disease and improve plant health. For organic and conventional production, our products help you improve yield and grow the highest quality peppers.



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# CROP GUIDE GREENHOUSE PEPPERS

	PEST/DEFICIENCY	CROP STAGE			
		SEED	SEEDLING (3-5 LEAVES)	VEGETATIVE STAGE	FRUIT PRODUCTION STAGE
<div>DISEASES</div> <div></div>	Soilborne Diseases	RootShield® PLUS <sup>+</sup> WP			
	Powdery Mildew		CEASE®, MilStop® SP	MilStop SP + CEASE, PERpose Plus®	
	<i>Botrytis</i>		CEASE	BotryStop® WP, MilStop SP + CEASE	
	White Mold			CEASE, PERpose Plus	
	<i>Fusarium</i> Fruit Rot, Bacterial Soft Fruit Rot			CEASE, PERpose Plus	
<div>INSECTS / MITES</div> <div></div>	Aphids, Whiteflies, Thrips		PRINCIPLE™ WP, Molt-X, SuffOil-X®, EpiShield®		
	Caterpillars		Molt-X, PRINCIPLE WP		
	Pepper Weevils				
	Tarnished Plant Bugs				
	Fungus Gnats, Shore Flies	NemaShield®, Molt-X			
	Spider Mites, Broad Mites		SuffOil-X, EpiShield		
<div>NUTRITION</div> <div></div>	Efficient nutrient use and stress reduction	ON-Gard®			



ABOVE AND BEYOND IS WHERE WE BEGIN

# CROP GUIDE GREENHOUSE PEPPERS

	PRODUCT	REI, PHI	OMRI	PEST/DEFICIENCY	RECOMMENDED RATE	TYPE OF APPLICATION
DISEASES	 RootShield PLUS <sup>+</sup> WP <sup>2</sup>	4-hour 0-day	Yes	<i>Pythium</i> , <i>Fusarium</i> , <i>Phytophthora</i> , <i>Rhizoctonia</i> , Damping Off	Drench: 4-8 oz/100 gal	Drench at seeding and transplant; reapply at 4-6 week intervals.
	MilStop SP	1-hour 0-day	Yes	Powdery Mildew, <i>Botrytis</i>	1.25-5.0 lb/100 gal	Foliar application every week. Tank mix rates: CEASE 4-6 qt/100 gal + MilStop SP 1.25-3 lb/100 gal.
	CEASE	4-hour 0-day	Yes	Powdery Mildew, <i>Botrytis</i> , White Mold ( <i>Sclerotinia</i> )	4-6 qt/100 gal	Foliar application every 7-14 days.
	PERpose Plus	0-1-hour 0-day	Yes	Powdery Mildew, White Mold ( <i>Sclerotinia</i> )	1/3-1 fl oz/gal	1/3 fl oz/gal preventative foliar application weekly.
	BotryStop WP <sup>4</sup>	4-hour 0-day	Yes	<i>Botrytis</i>	2-4 lb/100 gal	Foliar application every 7-10 days.
INSECTS / MITES	PRINCIPLE WP <sup>1</sup>	4-hour 0-day	Yes	Aphids, Whiteflies, Thrips, Caterpillars, Pepper Weevil, Tarnished Plant Bugs	0.5-2 lb/100 gal	Foliar application every 5-10 days. For thrips use 1-2 lb/100 gal.
	Molt-X <sup>2</sup>	4-hour 0-day	Yes		8-10 fl oz/100 gal	Foliar spray to glisten on a 7-10-day interval or as needed.
	SuffOil-X	4-hour 0-day	Yes	Mites, Aphids, Whiteflies, Thrips	1-2 gal/100 gal	Foliar application every 7 days. Suppresses powdery mildew.
	EpiShield	N/A	No	Mites, Aphids, Thrips, Whiteflies, Mealybugs	9-12 fl oz/100 gal	Foliar spray to glisten on 5-7-day interval or as needed.
	NemaShield	N/A	N/A	Fungus Gnats, Shore Flies	100 million/1100-3400 ft <sup>2</sup>	Apply as a drench to the substrate as needed.
	Molt-X <sup>2</sup>	4-hour 0-day	Yes		8 fl oz/100 gal	Apply as a drench.
NUTRITION	 ON-Gard (5-0-0) <sup>3</sup>	N/A	Yes	Nutrition supplement and stress reduction	1 qt-2 gal/100 gal	Weekly foliar spray: 1 qt in seedling stage to 2 gal in vegetative & fruiting stages. Fog rates: 6.4-11.2 fl oz/3 L water.

Please refer to product labels for complete application instructions. Always read and follow label directions.

<sup>1</sup>Not available for use in CA; <sup>2</sup>Not available for use in AK; <sup>3</sup>Not labeled for use in MT, ND, SD, WY. <sup>4</sup>BotryStop WP not labeled for use on pepper in CA

Please refer to product labels [bioworksinc.com](https://bioworksinc.com) for fogging application details and rates.

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