






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.



BioWorks
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CROP GUIDE GREENHOUSE PEPPERS

	PEST/DEFICIENCY	CROP STAGE			
		SEED	SEEDLING (3-5 LEAVES)	VEGETATIVE STAGE	FRUIT PRODUCTION STAGE
DISEASES 	Soilborne Diseases	RootShield® PLUS ⁺ WP			
	Powdery Mildew		CEASE®, MiIStop® SP	MiIStop SP + CEASE, PERpose Plus®	
	<i>Botrytis</i>		CEASE	BotryStop® WP, MiIStop SP + CEASE	
	White Mold			CEASE, PERpose Plus	
	<i>Fusarium</i> Fruit Rot, Bacterial Soft Fruit Rot			CEASE, PERpose Plus	
INSECTS / MITES 	Aphids, Whiteflies, Thrips		PRINCIPLE™ WP, Molt-X, SuffOil-X®, EpiShield®		
	Caterpillars		Molt-X, PRINCIPLE WP		
	Pepper Weevils				
	Tarnished Plant Bugs		NemaShield®, Molt-X		
	Fungus Gnats, Shore Flies				
	Spider Mites, Broad Mites		SuffOil-X, EpiShield		
	NUTRITION 	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 ⁺ WP ²	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 ¹	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 ⁴	4-hour 0-day	Yes	<i>Botrytis</i>	2-4 lb/100 gal	Foliar application every 7-10 days.
INSECTS / MITES	PRINCIPLE WP	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 ²	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		100 million/1100-3400 ft ²	Apply as a drench to the substrate as needed.
	Molt-X ²	4-hour 0-day	Yes	Fungus Gnats, Shore Flies	8 fl oz/100 gal	Apply as a drench.
NUTRITION	ON-Gard (5-0-0) ³	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.

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

Please refer to product labels bioworksinc.com for fogging application details and rates.



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BIOWORKS, INC.

100 Rawson Road • Suite 205

Victor, NY 14564

bioworksinc.com • 800.877.9443