












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 tomatoes.



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CROP GUIDE GREENHOUSE TOMATOES

	PEST/DEFICIENCY	CROP STAGE			
		SEED	SEEDLING (3-5 LEAVES)	VEGETATIVE STAGE	FRUIT PRODUCTION STAGE
DISEASES	 Soilborne Diseases	RootShield® PLUS* WP			
	 Powdery Mildew		CEASE®, MilStop® SP	MilStop SP + CEASE, PERpose Plus®	
	 Botrytis		CEASE	BotryStop® WP, MilStop + CEASE	
	 White Mold			CEASE	
	 Bacterial Spot, Bacterial Speck, Early Blight			CEASE, PERpose Plus	
INSECTS / MITES	 Aphids, Whiteflies, Thrips, and Tomato Psyllid		Molt-X®, SuffOil-X®, EpiShield®, PRINCIPLE™ WP		
	 Caterpillars		Molt-X, PRINCIPLE WP		
	 Tarnished Plant Bugs				
	 Fungus Gnats, Shore Flies	NemaShield, Molt-X			
	 Mites		SuffOil-X, EpiShield		
NUTRITION	 Efficient nutrient use and stress reduction	ON-Gard®			



ABOVE AND BEYOND IS WHERE WE BEGIN

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	PRODUCT	REI, PHI	OMRI	PEST/DEFICIENCY	RECOMMENDED RATE	TYPE OF APPLICATION
DISEASES	 RootShield PLUS ¹ 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> , White Mold	1.25-5.0 lb/100 gal	Foliar application every 7-14 days. Tank mix rates: CEASE 4-6 qt/100 gal + MilStop SP 1.25-3 lb/100 gal.
	CEASE	4-hour 0-day	Yes		4-6 qt/100 gal	Foliar application every 3-7 days.
	PERpose Plus	0-1-hour 0-day	Yes		1/3-1 fl oz/gal	1/3 fl oz/gal preventative foliar application weekly; 1 fl oz/gal curative application.
	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 ¹	4-hour 0-day	Yes	Whiteflies, Aphids, Thrips, Psyllids, Caterpillars, Tarnished Plant Bug	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, Whiteflies, Aphids, Thrips, Tomato Psyllid	1-2 gal/100 gal	Foliar application every 7 days. Suppresses powdery mildew.
	EpiShield	N/A	No	Mites, Aphids, Thrips, Whiteflies	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 ²	Apply as a drench to the substrate as needed.
	Molt-X ²	4-hour 0-day	Yes		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 tomatoes in CA

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



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