



Greenhouse Tomatoes

BioWorks delivers a full line of biological solutions to control pests, prevent disease and improve plant health. For organic and conventional production, BioWorks products help you improve yield and grow the highest quality 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			MilStop SP + CEASE, BotryStop WP	
	White Mold		CEASE	CEASE	
	Bacterial Spot, Bacterial Speck, Early Blight			CEASE, PERpose Plus	
INSECTS / MITES	Aphids, Whiteflies				
	Thrips		Molt-X, SuffoOil-X		
	Tomato Psyllid				
	Lepidopterans		Molt-X		
	Tarnished Plant Bugs		Molt-X		
	Fungus Gnats, Shore Flies	NemaShield	NemaShield, Molt-X		
	Spider And Carmine Mites, Broad Mites		SuffoOil-X		
NUTRITION	Efficient nutrient use and stress reduction	ON-Gard			
	Base fertilization or top dressing	Verdanta EcoVita, N-Vita			
	Calcium (Ca) deficiency			ON-Gard CALCIUM	

DISEASES

PRODUCT	REI, PHI	ORGANIC INPUT	PEST/DEFICIENCY	RECOMMENDED RATE	TYPE OF APPLICATION
RootShield® PLUS+ WP	4-hour, 0-day	OMRI	Damping Off, Pythium, Fusarium, Phytophthora	4-8 oz/100 gal	Drench at seeding and reapply prior to transplant. Reapply at 4-6 week intervals.
CEASE®	4-hour, 0-day	OMRI	Powdery Mildew, Botrytis	4-6 qt/100 gal	Foliar application every 3-7 days.
MilStop® SP	1-hour, 0-day	OMRI		1.25-5 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.
PERpose Plus®	0-1-hour, 0-day	OMRI		1/3-1 fl oz/gal	1/3 fl oz/gal preventative foliar application weekly; 1 fl oz/gal curative application.
BotryStop® WP (BotryStop® in CA)	4-hour, 0-day	OMRI	Botrytis	2-4 lb/100 gal	Foliar application every 7-10 days.
CEASE®	4-hour, 0-day	OMRI	Bacterial Spot, Bacterial Speck, Early Blight	2 - 8 qt/100 gal	Foliar application every 3-7 days.
PERpose Plus®	0-1-hour, 0-day	OMRI		1/3-1 fl oz/gal	1/3 fl oz/gal preventative foliar application weekly; 1 fl oz/gal curative application
Molt-X®	4-hour, 0-day	OMRI	Whiteflies, Aphids, Thrips, Psyllids, Lepidopterans, Tarnished Plant Bug	8-10 fl oz/100 gal	For foliar application.
NemaShield®	N/A	N/A	Fungus Gnats, Shore Flies	100-300 million/100 gal	Apply as a drench to the substrate as needed.
Molt-X®	4-hour, 0-day	OMRI		8 fl oz/100 gal	Apply as a drench.
SuffOil-X®	4-hour, 0-day	OMRI	Mites, Whiteflies, Aphids, Thrips	1-2% v/v	Foliar application every 7 days. Suppresses powdery mildew.
ON-Gard® (5-0-0)	N/A	OMRI	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.
Verdanta® EcoVita® (7-5-10)			Base or top-dressing fertilization	10-40 lb/1000 ft ²	Incorporate in substrate at 6-9 lb/yd ³ ; or apply as a top dress, placing product near drip emitters.
Verdanta® N-Vita (9-4-3)			Calcium (Ca) deficiency	10-20 lb/1000 ft ²	
ON-Gard® CALCIUM (1-0-0 + 5% Ca)				8-16 fl oz/100 gal	Weekly foliar spray: 8 fl oz in seedling stage to 16 fl oz in vegetative & fruiting stages.

INSECTS / MITES
NUTRITION

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



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