

INTEGRATED PLANT HEALTH MANAGEMENT



 **DISEASE CONTROL**

 **INSECT CONTROL**

 **HERBICIDE**

 **PLANT NUTRITION**



BioWorks®

DIVISION OF BIOFIRST GROUP

DISEASE CONTROL



ROOTSHIELD®

Trichoderma
harzianum strain
T-22

- Root disease control for *Pythium*, *Fusarium*, *Rhizoctonia*, *Cylindrocladium*, and *Thielaviopsis*
- Granular or wettable powder
- OMRI-Listed

REI: 4-hour
PHI: 0-day



**ROOTSHIELD®
PLUS⁺**

Trichoderma
harzianum strain T-22,
Trichoderma
virens strain G-41

- Controls major root diseases including *Phytophthora*
- Suppresses hot-season *Pythium*
- Granular or wettable powder
- OMRI-Listed

REI: 4-hour
PHI: 0-day



BOTRYSTOP® WP

Ulocladium
oudemansii strain
U3

- Controls *Botrytis*, *Monilinia*, *Sclerotinia*, and *Xanthomonas*
- Exempt from Maximum Residue Limits (MRLs)
- OMRI-Listed

REI: 4-hour
PHI: 0-day



CEASE®

Bacillus subtilis
strain QST 713

- Effective alternative to synthetic chemicals for fungal pathogens
- Leaves no residue on plants
- OMRI-Listed

REI: 4-hour
PHI: 0-day



PERPOSE PLUS®

Hydrogen
Peroxide

- Algaecide and fungicide – kills on contact
- For general sanitation of greenhouse equipment and tools
- OMRI-Listed

REI: 1-hour
PHI: 0-day



MILSTOP®

Potassium
Bicarbonate

- Curative control of powdery mildew
- Preventative control of many foliar diseases
- OMRI-Listed

REI: 1-hour
PHI: 0-day



SANDRINE™

Copper
Octanoate
(Copper Soap)

- Broad-spectrum control against fungal and bacterial diseases
- Leaves plants clean with no visible residue
- Suitable for use on sensitive crops
- OMRI-Listed

REI: 4-hour
PHI: 0-day

INSECT CONTROL

	PRINCIPLE® WP	<i>Beauveria bassiana</i> strain BW149	- Resistance-free control of major pests including thrips, whiteflies & aphids - Easy-to-use, low residue formulation - OMRI-Listed	REI: 4-hour PHI: 0-day
	BIONEX™	Pyrethrins, Canola Oil	- Kills insects on contact - Targets pests at every life cycle stage - OMRI-Listed	REI: 12-hour PHI: 0-day
	CINTRO™	Potassium Salts of Fatty Acids	- Broad-spectrum insect control - Highly effective as a preventative or early detection spray - OMRI-Listed	REI: 12-hour PHI: 0-day
	EPISHIELD® O	Peppermint Oil, Clove Oil	- Botanical ingredients for optimal disruption and control on contact 10x lower use rates compared to similar products - Exempt from Maximum Residue Limits (MRLs) - OMRI-Listed	REI: 0-hour PHI: 0-day
	MOLT-X® EC	Azadirachtin	- Botanical insecticide/nematicide - Primarily works as an Insect Growth Regulator (IGR) - Effective anti-feedant - OMRI-Listed	REI: 4-hour PHI: 0-day
	NEMASHIELD® & NEMASHIELD® HB	<i>Steinernema feltiae</i> & <i>Heterorhabditis bacteriophora</i>	- Fast, effective biological control - Insect parasitic nematodes	REI: 0-hour PHI: 0-day
	SUFFOIL-X®	Highly Refined Mineral Oil	- Pre-emulsified light horticultural oil - Suffocates and kills pests while maintaining plant safety - OMRI-Listed	REI: 4-hour PHI: 0-day
	TOTALNEMA A_x™	Castor Oil, Clove Oil, Eugenol	- Controls nematode populations via direct contact - Exempt from Maximum Residue Limits (MRLs)	REI: 0-hour PHI: 0-day

HERBICIDE



HOPLITE™

Potassium Salts
of Fatty Acids

- Kills liverwort, mold, moss, mildew, and algae
- Single application control
- Residue exempt

REI: 24-hour
PHI: 0-day

PLANT NUTRITION



ON-GARD® 5-0-0

Biological
plant nutrients
derived from
100% soy protein
hydrolysates

- 100% plant-derived
- Augments the uptake of nutrients
- Helps plants withstand abiotic stresses



R.S.S.I.®

Trichoderma
harzianum
strain T-22,
Trichoderma
virens strain G-41

- Root zone supplement
- Supports nutrient uptake and stronger root development



GREENSPRING™

Nitrogen, Sulfur,
Molybdenum,
Zinc

- Provides essential micronutrients that promote early season plant health
- Improves soil conditions to support strong root systems
- Enhances the ROI of IPM programs



STEMMER™

Soluble Silicon

- Stable and 100% soluble silicon
- Promotes upright growth and overall vigor
- Improves yield, flavor, color, aroma



BIORAIN A_x™

Priestia
megaterium,
Bacillus subtilis,
Bacillus
paralicheniformis

- Enhances plant tolerance to drought and heat stress
- Improves water-use efficiency and soil moisture retention
- Protects yield