



# **BioWorks Product Update**

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**BioWorks, Inc.**

**IR-4 Food Use Workshop**

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## **I. NEW: RootShield Seed Treatment**

## **II. Existing Products**

- **Plant disease prevention**
- **Insect and other pest management**

## RootShield<sup>®</sup> *Seed Treatment*

- BioWorks' *T. harzianum* strain **KRL-AG2** (aka T-22)
- Formulation of RootShield for Commercial Seed Treatment
- **Prevention** of soilborne diseases caused by *Pythium*, *Rhizoctonia*, *Fusarium*, *Cylindrocladium*, *Thielaviopsis* spp.
- Greenhouse/High Tunnel and Field
- Expected registration in 1Q15
- OMRI listed

## RootShield *Plus* WP and Granules

- *T. harzianum* T-22 and *T. virens* G-41
- **Prevention and Long-Term Management** of soilborne Phytophthora, Pythium\*, Rhizoctonia, Fusarium, Cylindrocladium, and Thielaviopsis diseases
- **Prevents** Macrophomina, Sclerotinia, and *Sclerotium rolfsii* diseases on some crops (not currently labeled)
- **0- and 4-hr REI and 0-day PHI**
- Compatible w/ many other products
- OMRI listed



## RootShield WP and Granules

- **Prevention** of soilborne Pythium\*, Rhizoctonia, Fusarium, Cylindrocladium, and Thielaviopsis diseases
- **Prevents** Sclerotinia diseases on some crops (not currently labeled)
- Greenhouse/High Tunnel and Field
- **0-hr REI** and **0-day PHI**
- Compatible with many other products
- OMRI listed



## BotaniGard and Mycotrol-O

- *Beauveria bassiana* strain GHA
- Formulations: ES (BotaniGard and Mycotrol-O) and WP (BotaniGard only)
- **Broad-spectrum activity\***
- *Safe on pollinators*
- Greenhouse/High Tunnel and Field
- **0-hr REI** and **0-day PHI**
- Compatible with many other products
- Mycotrol-O is OMRI listed



## *Beauveria bassiana* strain GHA Broad Spectrum Activity:

- *Whiteflies (including Q-Biotype)*
- *Thrips*
- *Aphids*
- *Psyllids*
- *Mealybugs*
- *Weevils*
- *Leafhoppers and plant hoppers*
- *Scarab beetles*
- *Leaf-feeding beetles*



## CEASE<sup>®</sup>

- *Bacillus subtilis* QST 713
- EPA-registered Microbial Fungicide/Bactericide against diseases caused by *Botrytis*, Powdery Mildews, *Pseudomonas* and *Xanthomonas*)
- Low REI (4 hour)
- Multiple modes of action
- OMRI Listed





## MilStop<sup>®</sup> Broad Spectrum Foliar Fungicide

- Potassium bicarbonate based;  
GRAS active ingredients
- **Curative** control of **Powdery Mildew**
- **Preventive** control of many other foliar diseases
- Multiple modes of activity;  
no known resistance
- Low REI (1hr), OMRI Listed
- Effective tank-mix and rotation partner with CEASE





## SuffOil-X<sup>™</sup>

ACTIVE INGREDIENT:	
Petroleum Oil .....	80.0%
OTHER INGREDIENTS: .....	20.0%
TOTAL .....	100.00%

Unsulfonated Residue of Petroleum Oil . . . 92.0% min.  
EPA Reg. No. 48813-1-68539  
EPA Est. No. 48813-IL-1

KEEP OUT OF REACH OF CHILDREN  
**CAUTION**

See attached booklet for First Aid,  
Precautionary Statements, Storage &  
Disposal Instructions and Directions for Use.

Distributed By:



100 Rawson Rd., Suite 205, Victor, NY 14564



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- High plant safety
- Invert emulsion of Petroleum Oil (80.0%) and other ingredients (20.0%)
- Low REI (4 hours)
- Multiple modes of action against pests and some foliar pathogens; no known resistance issues
- Compatible with insecticides
- OMRI listed



**BioWorks®**  
How You Grow Matters™

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