

BioWorks, Inc.

Since 1993 BioWorks has served horticulture and specialty agriculture growers by providing environmentally responsible, safe and cost-effective solutions. Over the last eight years the company has actively expanded its product line to serve the developing needs of growers, and has become one of the top 10 biopesticide companies in the world. As a result of its excellent reputation in product, technical service and customer support, more than 60 of the Top 100 Growers, and all of the Top 10 use BioWorks products. BioWorks currently markets its biopesticides world-wide, including all of North America, Central and South America, the European Union, the Middle East and Asia.

The BioWorks family of products has proven itself to be effective in over 15 years of conventional, sustainable and organic growing. With plans to introduce three to four new products over the next two years, BioWorks is continuing to fulfill its commitment to reducing the chemical footprint and helping create a safer environment.

Product Overviews

(For more detailed product information, technical sheets and labels, visit www.bioworksinc.com.)

RootShield® Granules: A biological fungicide that consistently helps growers prevent the most common root diseases affecting greenhouse crop quality. The active ingredient, *Trichoderma harzianum* strain T-22 effectively prevents *Pythium*, *Rhizoctonia*, *Fusarium*, *Cylindrocladium* and *Thielaviopsis*. Making a transition to sustainable growing is easier with RootShield® Granules with its zero-hour REI and OMRI listing. Growers lower their costs



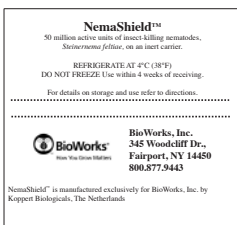
by eliminating or reducing the need for chemical root fungicides. **PlantShield® HC:** The wettable powder version of RootShield® Granules, PlantShield® HC grows on the root system providing a barrier to disease and actively attacks diseases before they reach the root system. PlantShield® HC can maintain root growth, and prolong protection against root diseases. PlantShield® HC has a zero-hour REI, is OMRI-Listed and can be used in rotation with most other products.

CEASE™: A microbial fungicide and bactericide with proven effectiveness in fighting both fungal and bacterial pathogens. It provides outstanding plant and environmental safety with a four-hour REI, and leaves no residues



on plant foliage or flowers. CEASE™ controls disease using multi-site modes of action for superior resistance management. USDA NOP-approved for use in organic production.

NemaShield™: Ideally suited for fungus gnat larvae control, NemaShield™ contains the beneficial nematode *Steinernema feltiae*. NemaShield™ is effective for preventing fungus gnat outbreaks, or controlling the beginning phase of an outbreak. Easy and safe to apply, NemaShield™ has no re-entry interval and is com-



patible with many pesticides. **MilStop®:** A broad-spectrum foliar fungicide that both cures and prevents powdery mildew and prevents many other foliar diseases on ornamental and greenhouse vegetable crops. MilStop® is potassium-bicarbonate-based, so it is easy on the environment, has only a one-hour REI and no pre-harvest interval. MilStop® is also OMRI listed for organic use. **TriCon®:** A combination insecticide/fungicide for use on outdoor nursery plants in controlling and preventing insects and diseases such as aphids, mealy bugs, mites, soft scales, whiteflies, downy mildew and powdery mildew. TriCon® provides quick contact action and knock-down, reducing pest populations until systemic products become effective. With multiple modes of action, TriCon® also helps manage pesticide resistance.



BotaniGard®: A mycoinsecticide based on the fungus, *Beauveria bassiana*, strain GHA, that provides control over a wide spectrum of insect pests including whiteflies (Q-biotype), thrips, aphids, psyllids, mealybugs, plant bugs and weevils. BotaniGard has a four-hour REI and is an ideal resistance management tool compatible with most insecticides and with beneficial insects.



BotaniGard ES: A mycoinsecticide based on the fungus, *Beauveria bassiana*, strain GHA, that provides control over a wide spectrum of insect pests including whiteflies (Q-biotype), thrips, aphids, psyllids, mealybugs, plant bugs and weevils. BotaniGard ES has a four-hour REI and is an ideal resistance management tool compatible with most insecticides and with beneficial insects.



What BioWorks' Customers are Saying...

(Note: Rhapsody and CEASE™ are identical formulations.)

“Rhapsody (CEASE™) is an excellent product that has produced excellent results for us since we began using it in May 2004. I like its safety to workers and plants, its cost per 100 gallons of spray and tank mix compatibility. It seems to spread over the leaf surfaces better than any spreader can do for a mix. I have excellent prevention of *Botrytis* on pansies, violas and petunias. I believe it is as good as Daconil and much safer to open flowers. I do rotate occasionally with Medallion or Chipco 26019WP or Endorse if we have some *Botrytis* show up...Rhapsody also gives good prevention of bacterial leaf spots on zinnias.” – Gene Gruenbeck, Red Oak Nursery, Ft. McCoy, FL.

“I have been using RootShield® Granules in my mix for years on mums and poinsettias. It has controlled my *Pythium* problems. We will continue to use this great product.” – Oliver Washington III, Shore Acres Plant Farm, Theodore, AL

“We have had great success with PlantShield® HC on many of our crops, specifically box-

wood. We use PlantShield® HC on bare-root crops for disease prevention. Also, our color program has RootShield® Granules incorporated into the soil, and we have had no disease issues!” – James Robert, Green Valley Growers, Willis, TX

“We incorporated RootShield Granules into our hanging basket mix for 2008. What we noticed were plant liners that seemed to “take off” after planting, with little – if any – noticeable losses due to root diseases. The results have been outstanding and with less work from having to drench the baskets with a fungicide after the initial transplanting. In the future, we plan on incorporating RootShield® Granules into our mixes, as it does produce results. We also feel confident that we are producing a product that is programmed for our customers’ success.” – Ron Dubena, Acorn Farms, Galena, OH

“The BioWorks products have been very effective for our greenhouse crops. We also have found the product back-up to be very helpful. BioWorks is a great

company!” – Dave Dagen, Emerald Coast Growers, Pensacola, FL

“I have been using RootShield® Granules for 11 years now, and I have seen incredible results. We have a much bigger root mass and much more fibrous root hairs. We use it on our mums, poinsettias, gerberas and other various crops that we grow. One other positive note is that it is very worker and environmentally friendly. Using RootShield® is an essential part of our IPM Program.” – Joe Real, Clearwater Nursery, Nipomo, CA

“Since implementing RootShield® and PlantShield® we have noticed at least 50 percent reduction in our chemical fungicide use. Since using NemaShield™, there has been a great reduction of fungus gnats.” – Tim Martonik, VanHoekelen Greenhouses, McAdoo, PA

“We apply PlantShield® HC at root initiation on our ornamental and bedding liners. Since beginning this practice, overall scrap rates have been reduced dramatically.” – Jon Knauss, Color Spot, San Antonio, TX

“We use TriCon® for pest control regularly. PlantShield® HC has been used for root disease control for years as part of our perennial and bare root production. We apply NemaShield™ regularly to control fungus gnat populations.” – Steve Clark, Blooming Nursery, Cornelius, OR



Top row: Oliver Washington III, James Robert, Ron Dubena, Dave Dagen; Bottom row: Joe Real, Tim Martonik, Jon Knauss, Steve Clark



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