

# BioWorks® Bulletin

Info To Grow



**BioWorks introduces...**

March 2008

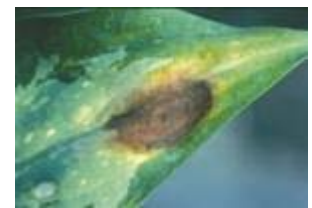
**CEASE™** -- a new and unique microbial fungicide/bactericide with proven effectiveness in fighting both fungal and bacterial pathogens while providing outstanding plant and environmental safety. CEASE controls disease using multi-site modes of action for superior resistance management, and leaves virtually no residues on plants or flowers.



*Botrytis on Geranium*

### **For Foliar Diseases:**

CEASE is an effective alternative to synthetic chemicals for fungal pathogens such as *Botrytis* gray mold and powdery mildews, and to coppers for bacterial diseases, such as *Erwinia* and *Xanthomonas*. With a 4-hour re-entry interval and a 0-day preharvest interval, CEASE provides growers flexibility and labor costs savings.



*Erwinia on Aglaonema*

### **For Soil Diseases:**

CEASE is also a broad spectrum root biofungicide for the control of soil borne diseases on a wide range of ornamentals and vegetables. CEASE enhances germination and plant growth by suppressing diseases caused by *Rhizoctonia*, *Pythium*, *Fusarium* and *Phytophthora*.

### **Compatibility:**

CEASE, a liquid formulation, easily goes into suspension. It is compatible with a wide range of pesticides, fertilizers and adjuvants. The use of a spreader/sticker or wetting agent is strongly recommended to improve canopy penetration and coverage. Use CEASE immediately before or after a B-Nine application without the phytotoxicity concerns common with coppers.

### **Mode of Action:**

Based on a naturally occurring patented strain of *Bacillus subtilis* (strain QST 713), CEASE contains a group of natural antifungal and antibacterial compounds with multiple modes of action to destroy

### **CEASE™ Key Features:**

- » Proven efficacy against BOTH fungal and bacterial pathogens
- » Excellent safety - only a 4-hr REI, and can be sprayed up to and on the day of harvest!
- » Leaves virtually NO residues on plant foliage or flowers
- » Performs as well as copper-based products, without phytotoxicity or residues
- » Controls disease using multi-site modes of action for resistance management
- » Safe for beneficial insects and bees
- » Compatible for tank-mixing / rotating with many other

pathogens. CEASE is a valuable addition to any disease control program where resistance development is a concern.

registered products

» [NOP-approved](#) for use in organic production

» Excellent for [sustainability](#) or [IPM programs](#)

» ***CEASE is available APRIL 1, 2008*** «  
**For more information, [click here](#)**  
**to contact your Regional BioWorks Technical Sales Manager.**

### BioWorks IPM / Sustainable Practices Scholarship

For students pursuing a career in floriculture, BioWorks is offering a scholarship through the American Floral Endowment. Application deadline is **May 1, 2008**.

[CLICK HERE TO APPLY!](#)

**Did you miss last month's Bulletin on The Benefits of Biopesticides? Or January's Cost In Use analysis?**

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 1-800-877-9443, or visit [www.bioworksinc.com](http://www.bioworksinc.com).  
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**BioWorks®**

How You Grow Matters

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