



**BioWorks®**  
How You Grow Matters™



## Tank-Mixing CEASE® & MilStop®

CEASE® Microbial Fungicide and Bactericide, and MilStop® Broad Spectrum Foliar Fungicide have worked well together as a combination application giving an added boost in controlling pathogens that cause *Xanthomonas*, *Pseudomonas*, and *Erwinia* as well as fungal pathogens that cause *Botrytis*, powdery mildew and other foliar diseases.

### Reported Results

Dr. David Norman of the University of Florida has reported positive results in bacterial trials on orchids.

In addition, research performed by commercial greenhouse tomato producers has led to a CEASE-MilStop combination becoming an integral part of their *Botrytis* and powdery mildew control program.

### Recommended Tank-Mix Rates

#### Preventative:

MilStop – 1.5 g/L (1.25 lb/100 gal)  
CEASE – 5.0 ml/L (2 qt/100 gal)

#### Curative:

For severe disease control, and during environmental conditions that are favorable for heavy disease pressure, rates can be increased up to the following:

MilStop – 3.6 g/L (3 lb/100 gal)  
CEASE – 15 ml/L (6 qt/100 gal)

Weekly applications can be made using the low MilStop rate in combination with CEASE, however if higher MilStop rates are used, alternate CEASE-MilStop combination applications with CEASE alone.

*NOTE: It is highly recommended that a small test spray be done before applications are made to entire crop. Use caution when making MilStop curative applications to open blooms, especially on varieties known to be sensitive. Test applications should be done under same conditions as field applications. Please refer to product labels for complete application details. Always read and follow label directions.*

### Customer Successes

In December of 2008 Joe Volpe of Peace Tree Farms, Kintnersville, PA inquired about the use of CEASE on Rieger Begonias in bloom to control foliar diseases. BioWorks' Northeast Technical Sales Manager, Mark Farnham recommended a tank-mix combination of MilStop 1.5 g/L (1.25 lb/100 gal) and CEASE 10.0 ml/L (4 qt/100 gal) in a 7-day application interval. Impressed, Joe reported the issue had been stopped in its tracks after the second application. The pathology report from Penn State determined it was a *Xanthomonas*-like disease. At first, Joe was apprehensive to use the MilStop on open blooms; however, he was pleased that the lower MilStop rate of 1.5 g/L 1.25lb/100gal was safe yet effective in a tank mix with Cease controlling *Xanthomonas*.

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“The CEASE and MilStop tank-mix has been more or less a miracle mix for us at Bobs Market mainly for leaf spot on zinnias.”  
*Eric Barnitz - Bob's Market & Greenhouses, Inc.*

To find out more about the BioWorks family of products, please contact us at 800-877-9443 or visit [www.bioworksinc.com](http://www.bioworksinc.com). ©2012 BioWorks, Inc.

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