

BioWorks® Bulletin

Info To Grow



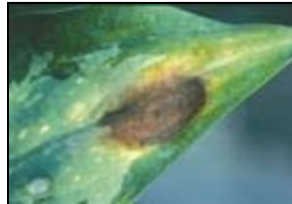
August 2008

Foliage Plants are Susceptible to Bacterial Diseases – Even in the Summer Months.

There are approximately 170 species of bacteria that can cause disease in foliage plants. These bacteria are commonly present on plant surfaces, but will only cause problems when conditions are favorable for their growth and multiplication.

Conditions Ripe for Bacteria:

High humidity, crowding and poor air circulation around plants are just some of the conditions that can encourage bacteria growth. Misting plants provides a film of water on leaves where bacteria can multiply. Plants under stress are predisposed to infection: too much, too little, or irregular watering; low light intensity; fluctuating temperatures, poor drainage; incorrect pot size and deficient or excess nutrients can all cause plant stress.



Summertime Blues:

Though bacterial pathogens are prevalent on foliage plants during the winter months when plants are not growing actively and are easily stressed, summertime offers its own bacteria-friendly environment.



Some of the most severe and devastating diseases of foliage plants (caused by the bacteria *Xanthomonas*, *Erwinia* and *Pseudomonas*), are most active under hot, humid conditions. Leaf blight, leaf spot and wilt, are common diseases caused by these bacteria.

Prevention is the Best Medicine:

Fortunately, most of these foliage diseases can be controlled or prevented with the right products and program in place. Prevention should always be the goal. In addition to providing plants with their proper growing conditions and fertilization, use CEASE™ for the prevention of *Erwinia*, *Xanthomonas*, *Botrytis*, *Pseudomonas*, powdery mildew and more. CEASE is proven to fight both fungal and bacterial pathogens, leaves no residue, will not cause phytotoxicity, and has multiple modes of action for resistance management. With a 4-hour REI and OMRI listing, CEASE also provides outstanding plant and environmental safety. But most importantly, it's easy to use and it works!

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