



### **Bacterial Wilt**

Curtobacterium flaccumfaciens pv. flaccumfaciens





## Legume ipmPIPE

# Diagnostic Pocket Series

### **Bacterial Wilt**

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PHOTOGRAPHS: Courtesy of R.M. Harveson & H.F. Schwartz [06/09]

**COMMON HOSTS:** Common bean, Cowpea, Soybean

### **SYMPTOMS (ON COMMON BEAN):**

FIGURE 1 • Wilting or flaccid leaves, interveinal chlorosis and necrosis on upper and lower leaf surfaces; small water-soaked areas may be visible on lower surface

FIGURE 2 • Necrotic areas may become more golden brown with age and water-soaked areas are more difficult to detect, dead leaves may remain attached to plants

FIGURE 3 • Elongated, water-soaked and necrotic lesions may form on stems, petioles and occasionally pod sutures

#### FACTORS FAVORING:

- Infected seed, infested debris and volunteers from previous seasons
- Rainstorms, hail damage and irrigation
- · Warm temperatures with daily highs greater than 32°C [90°F]

#### ADDITIONAL DIAGNOSTICS AVAILABLE AT:

http://legume.ipmpipe.org http://wiki.bugwood.org/PIPE:Legume http://www.npdn.org/DesktopDefault.aspx