

Common Bacterial Blight

Xanthomonas axonopodis pv. *phaseoli*



FIGURE 1



FIGURE 2



FIGURE 3

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PHOTOGRAPHS: Courtesy of H.F. Schwartz [06/09]

COMMON HOSTS: Common bean, Cowpea, Soybean

SYMPTOMS (ON COMMON BEAN):

FIGURE 1 • large (often greater than 12 mm or ½ inch diameter), irregular, brown, necrotic, water-soaked lesions that may be bordered by a narrow yellow border on upper and lower leaf surfaces; lesions often develop from leaf margins and also may develop on petioles and stems

FIGURE 2 • younger lesions may be circular, flaccid, with small water-soaked areas apparent on lower surface at the edge and interveinal area of an infected leaf

FIGURE 3 • small to medium (less than 3 mm or ⅛ inch diameter), circular to irregular, water-soaked, red-brown lesions on bean pods

FACTORS FAVORING:

- Infected seed, infested debris and volunteers from previous seasons
- Rainstorms and sprinkler irrigation
- Warm temperatures with daily highs greater than 30°C [86°F]

ADDITIONAL DIAGNOSTICS AVAILABLE AT:

<http://legume.ipmpipe.org>

<http://wiki.bugwood.org/PIPE:Legume>

<http://www.npdn.org/DesktopDefault.aspx>