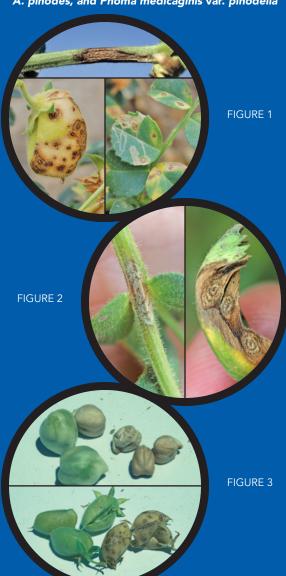


# Ascochyta Blight

Ascochyta rabiei, A. phaseolorum, A. pisi, A. lentis, A. pinodes, and Phoma medicaginis var. pinodella





# Legume ipmPIPE Diagnostic Pocket Series

## **Ascochyta Blight**

Ascochyta rabiei, A. phaseolorum, A. pisi, A. lentis, A. pinodes, and Phoma medicaginis var. pinodella

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**PHOTOGRAPHS:** Courtesy of R.M. Harveson and S.G. Markell

**COMMON HOSTS:** Chickpea, Common bean, Lentil, Pea

### **SYMPTOMS** (ON CHICKPEA):

FIGURE 1 • Ascochyta blight symptoms: elongate lesions on stems (top), and circular lesions on leaves (bottom right) and pods (bottom left).

FIGURE 2 • Circular arrangement of pycnidia (structures that produce infective spores) on both stem (left) and leaf (right).

FIGURE 3 • Effect of infection on seed size and quality. Seeds (top) harvested from pods (bottom) collected from a severely infested field—healthy (left) and infected (right).

#### **FACTORS FAVORING:**

- Infected seed, infested debris and volunteers from previous seasons
- Rainstorms and sprinkler irrigation
- Moderate temperatures with daily highs less than 25°C [77°F]

### ADDITIONAL DIAGNOSTICS AVAILABLE AT:

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