

Ascochyta Blight

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



FIGURE 1



FIGURE 2



FIGURE 3

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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>