

Common Root Rot

(Cochliobolus sativus)

SYMPTOMS

Dark brown spots on the subcrown internode or on stems below the soil line. Crown rot develops later in the season. Affected plants may turn prematurely white. Kernels in the head are shriveled and roots are honey to dark brown and rotted.

HOSTS

Barley, wheat and durum. No variety is completely resistant; most are moderately susceptible to moderately resistant.



Subcrown internode and seminal root infection



Stem-base infection



Common root rot infection on subcrown internode: Healthy (left) through to severe (right)

CONTROL

- Promote rapid emergence by planting in well prepared, warm seed bed
- Avoid herbicide stress
- Rotate with crops such as oats, or broadleaf crops
- Use fungicide seed treatment

Common Root Rot

**ROOT
AND
CROWN**