



Growth Stages of Lentil

Lens culinaris L.



FIGURE 1



FIGURE 2



FIGURE 3

Growth Stages of Lentil

Lens culinaris L.

AUTHORS: H.F. Schwartz (Colorado State University) and M.A.C. Langham (South Dakota State University)

PHOTOGRAPHS: Courtesy of H.F. Schwartz and Weidong Chen (USDA-ARS at Washington State University) [07/10]

LEGUME TYPE: Lentil

VEGETATIVE GROWTH STAGES

- VE • seedling emergence, cotyledonary node visible
- V1 • 1st simple leaf unfolded at 1st node
- V2 • 2nd simple leaf unfolded at 2nd node
- V3 • 1st bifoliate leaf unfolded at 3rd node
- V4 • 2nd bifoliate leaf unfolded at 4th node
- V5 • 1st multifoliate leaf unfolded at 5rd node [Fig. 1]
- Vn • nth multifoliate leaf unfolded at nth node

REPRODUCTIVE GROWTH STAGES

- R1 • early bloom, one open flower at any node
- R2 • full bloom, flower open on nodes 10–13 of basal branch
- R3 • early pod, pods on nodes 10–13 of primary branch visible
- R4 • flat pod, pods on nodes 10–13 at full length and largely flat [Fig. 2]
- R5 • early seed, seed in any pod on nodes 10–13 fill pod cavity
- R6 • full seed, seed on nodes 10–13 fill the pod cavities [Fig. 3]

PHYSIOLOGICAL MATURITY

- R7 • leaves are yellowing, 50% of pods yellowed
- R8 • 90% of pods are golden-brown

ADDITIONAL RESOURCES AVAILABLE AT:

<http://legume.ipmpipe.org>

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

<http://www.apsnet.org/> —

Compendium of Chickpea & Lentil Diseases and Pests