



Growth Stages of Pea

Pisum sativum L.



FIGURE 1



FIGURE 2



FIGURE 3

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Pisum sativum L.

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PHOTOGRAPHS: Courtesy of Sam Markell & Kevin McPhee (North Dakota State University), and Weidong Chen (USDA-ARS at Washington State University) [07/10]

LEGUME TYPES: Field (VE–R7), Fresh (VE–R4) Peas

GERMINATION AND EMERGENCE STAGES

VE • epicotyl has emerged from soil

VS • two small scale leaves appear on stem

VEGETATIVE GROWTH STAGES

(1 OR MORE PAIRS OF LEAFLETS)

V1 • 1st true leaf unfolded at 1st node above VS, no tendril

V2 • 2nd true leaf unfolded at 2nd node, tendril present

V3 • 3rd true leaf unfolded at 3rd node, tendril present

Vn • nth true leaf unfolded at nth node, tendril present

REPRODUCTIVE GROWTH STAGES

R1 • flower bud present at one or more nodes [Fig. 1]

R2 • first open flower at one or more nodes [Fig. 2]

R3 • first flat pod present at one or more nodes

R4 • green seeds fill the pod cavity at one or more nodes [Fig. 3]

R5 • leaves start yellowing and lower pods turn yellow to brown

R6 • dry seeds fill the pod cavity at one or more nodes

R7 • most pods are yellow to golden-brown

ADDITIONAL RESOURCES AVAILABLE AT:

<http://legume.ipmpipe.org>

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

<http://www.apsnet.org/> —

Compendium of Pea Diseases and Pests, 2nd Ed.