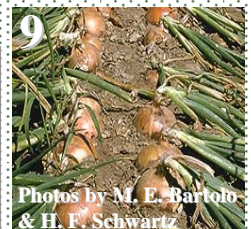
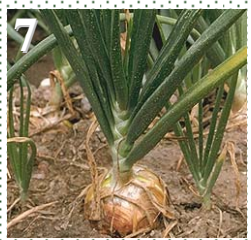


ONION GROWTH STAGES

Stage	Days After Seeding	Description
1	10 - 30	radicle & flag leaf emergence
2	30 - 50	1 - 2 true leaves
3	50 - 70	3 - 4 leaves
4	70 - 90	5 - 7 leaves
5	90 - 110	8 - 12 leaves, bulb initiation
6	110 - 130	bulb diameter of 1 - 1.5 inches
7	130 - 150	bulb diameter of 1.5 - 3.0 inches
8	150 - 170	bulb enlargement complete, 50% + topped
9	170 +	dry down from pre-harvest to harvest



Photos by M. E. Bartolo & H. F. Schwartz



Purple Blotch



Downy Mildew



Botrytis Blast



Bacterial Diseases

Colorado State University Integrated Pest Management Program
 Sponsored by the Colorado Onion Association &
 Arkansas Valley Growers & Shippers Association - 1998