



COTTON FUNDAMENTALS

Growth and Fruiting Habits

PLANTING TO EMERGENCE

4 to 15 days

Taproot may be 10" deep when cotyledons unfold

Appearance of first true leaf - 7 to 9 days after emergence

Roots may be over 36" deep when plant is 12 to 14" tall

EMERGENCE TO FIRST SQUARE

27 to 40 days

SQUARE TO WHITE BLOOM

20 to 25 days

WHITE BLOOM TO FULL SIZE BOLL (volume)

20 to 25 days (Figure 1)

WHITE BLOOM TO OPEN BOLL

45 to 65 days

PLANTING TO BLOOM

55 to 65 days

Figure 1. Boll Age in Days

(*"How a cotton plant grows."* Progressive Farmer. 1982)



Figure 2. Cotton Growth Timeline

(Image credit to Derrick Oosterhuis, Ph.D., University of Arkansas)



