

Cotton Boll and Fiber Development

Approximately 55 to 60 days required from Bloom to Open Boll

Maximum Boll Weight	40 Days
Maximum Seed Size	16 Days
Maximum Seed Weight	40 Days
Maximum Fiber Length	16 Days
Maximum Fiber Strength	30 Days
Maximum Micronaire	40 Days

Short Fiber Length results from Plant Stress
Approximately 16 Days Following Peak Bloom

Low Micronaire results from Early Cool Fall Weather
Not Allowing Top Fruit to Mature

High Micronaire results from Severe Cutout (fruit shed) Followed by
Better Conditions (stressed August cotton followed by rain)

Low Number of Seeds per Lock results from
Poor Conditions (hot and dry) During Pollination

High Trash Content results from Poor Defoliation, Weedy Cotton,
Or a Hard Freeze Prior to Defoliation