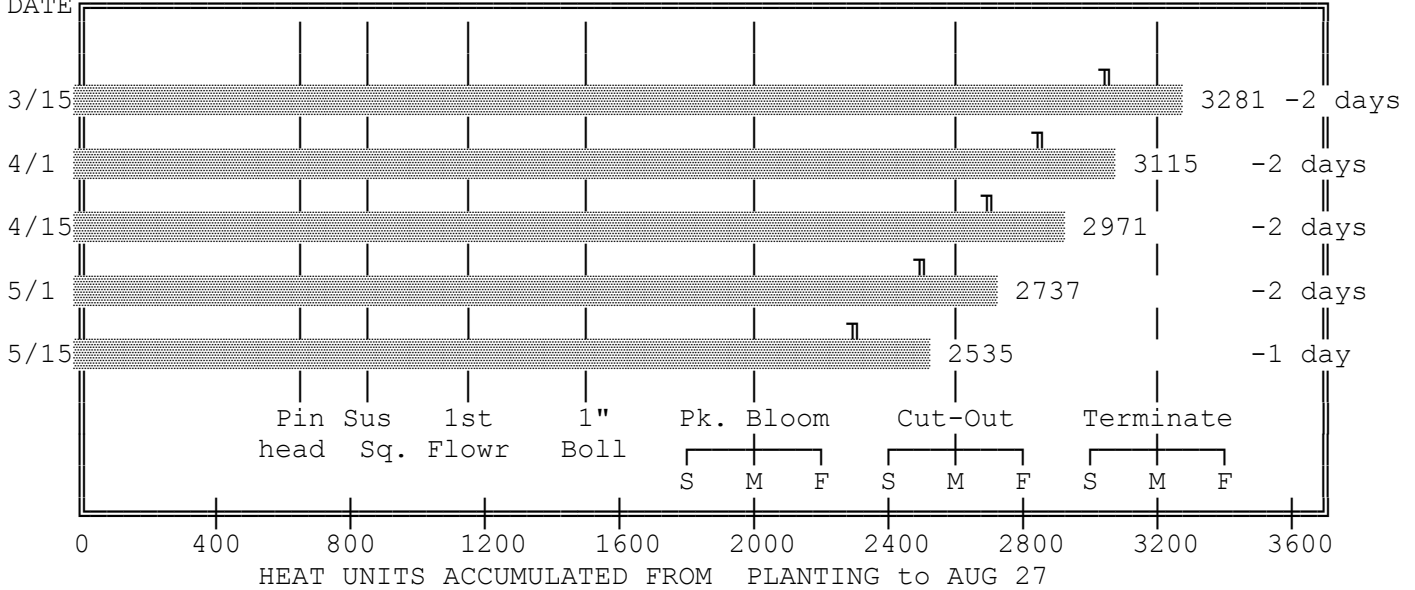


HARQUAHALA COTTON DEVELOPMENT ADVISORY  
AUG 28, 2011

PLANTING  
DATE

+/- normal



⌞ = Heat Units on AUG 20; S,M,F = Short, Medium, and Full Season Varieties

HEAT UNITS

Heat Unit (HU) accumulation since Jan 1 = 3619; Last year = 3460  
HUs since Jan 1 are running about 2 days behind normal.  
HU last week = 203

HISTORICAL STATISTICS

| Last Week : AUG 21 - AUG 27 |      |     |       |     | This Week : AUG 28 - SEP 3 |        |      |     |       |     |
|-----------------------------|------|-----|-------|-----|----------------------------|--------|------|-----|-------|-----|
|                             | HIGH | LOW | DEWPT | HUs | RAIN                       |        | HIGH | LOW | DEWPT | HUs |
| Normal                      | 105  | 76  | 58    | 197 | ----                       | Normal | 100  | 73  | 61    | 186 |
| Recorded                    | 111  | 77  | 51    | 203 | 0.00                       | 2010   | 102  | 64  | 53    | 163 |

ESTIMATED WATER USE

| Planting date :        | 3/15  | 4/1   | 4/15  | 5/1   | 5/15  |
|------------------------|-------|-------|-------|-------|-------|
| Water Use (last week): | 2.11" | 2.34" | 2.42" | 2.42" | 2.42" |

HEAT STRESS LEVELS

| Date   | 8/21   | 8/22 | 8/23 | 8/24 | 8/25 | 8/26 | 8/27 |
|--------|--|------|------|------|------|------|------|
| Stress | ns   | ns   | L1   | L1   | L2   | L2   | L1   |
| Key :  | ns = no stress; L1 = Level 1 Stress; L2 = Level 2 Stress |      |      |      |      |      |      |

WEATHER UPDATE

The high pressure system responsible for the recent very hot weather will weaken this week, bringing a return to more typical monsoon weather. Expect slightly cooler temperatures by mid-week with increasing humidity in southeast & central production areas. The higher humidity will improve the chances for thunderstorms in southeast & central AZ. Dry southwest flow will develop over western AZ & keep humidity & the chances for precipitation low along the Colorado River.

This will be the final cotton advisory for the 2011 growing season.  
Have a safe and profitable harvest season !