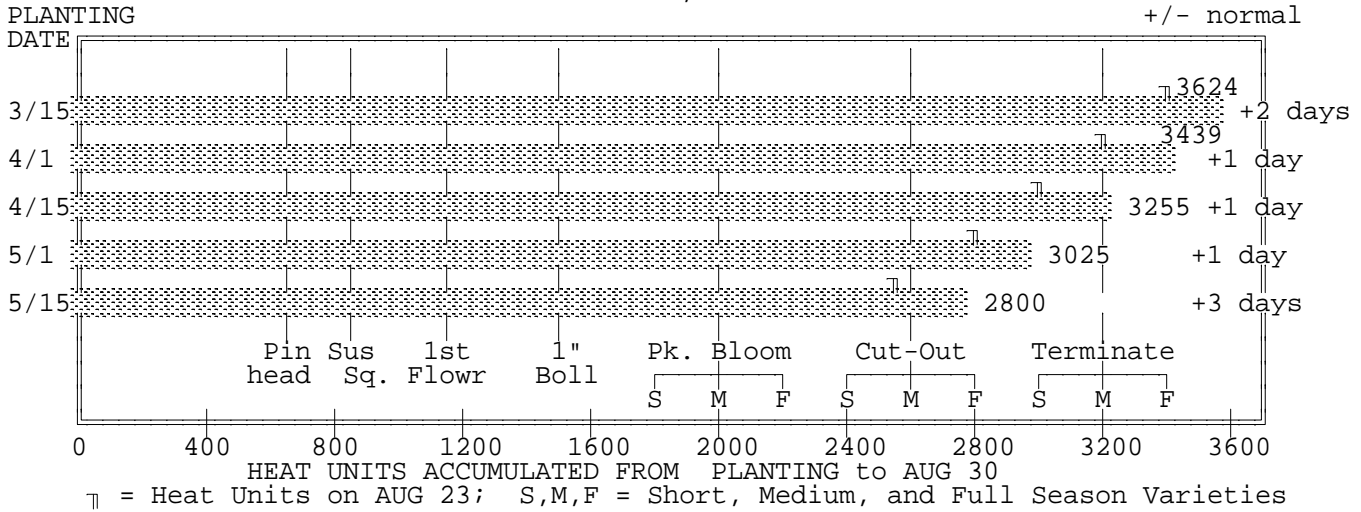


MARICOPA COTTON DEVELOPMENT ADVISORY
AUG 31, 2008



HEAT UNITS

Heat Unit (HU) accumulation since Jan 1 = 3952; Last year = 4262; Normal = 3926
 HUs since Jan 1 are running about 1 day ahead of normal.
 HU last week = 187

HISTORICAL STATISTICS

| Last Week : AUG 24 - AUG 30 | | | | | | This Week : AUG 31 - SEP 6 | | | | | |
|-----------------------------|------|-----|-------|-----|------|----------------------------|------|-----|-------|-----|--|
| | HIGH | LOW | DEWPT | HUs | RAIN | | HIGH | LOW | DEWPT | HUs | |
| Normal | 100 | 72 | 60 | 182 | ---- | Normal | 100 | 70 | 57 | 178 | |
| Recorded | 99 | 73 | 64 | 187 | 0.22 | 2007 | 102 | 73 | 62 | 190 | |

ESTIMATED WATER USE

| Planting date : | 3/15 | 4/1 | 4/15 | 5/1 | 5/15 |
|------------------------|-------|-------|-------|-----|------|
| Water Use (last week): | 1.35" | 1.56" | 1.77" | 2" | 2" |

HEAT STRESS LEVELS

| Date | 8/24 | 8/25 | 8/26 | 8/27 | 8/28 | 8/29 | 8/30 |
|--------|----------------------------------------------------------|------|------|------|------|------|------|
| Stress | L1 | ns | ns | ns | ns | ns | ns |
| Key : | ns = no stress; L1 = Level 1 Stress; L2 = Level 2 Stress | | | | | | |

WEATHER UPDATE

A weak storm system & trough of low pressure may produce a significant rain event Sunday & Monday. Warm & dry air will follow this system & could signal the end of the monsoon season. Expect sunny & warm conditions from Tuesday on with much lower humidity. Boll maturity estimates can assist growers with decisions pertaining to late season irrigations & crop termination and are available at http://ag.arizona.edu/azmet/Boll_Maturity_2006.pdf. This will be the final advisory for the 2008 season. We would like to thank the Arizona Cotton Research & Protection Council for their funding assistance which helps keep this program functional. Your feedback regarding the future of this program would be most appreciated. Please email Paul Brown at pbrown@ag.arizona.edu.