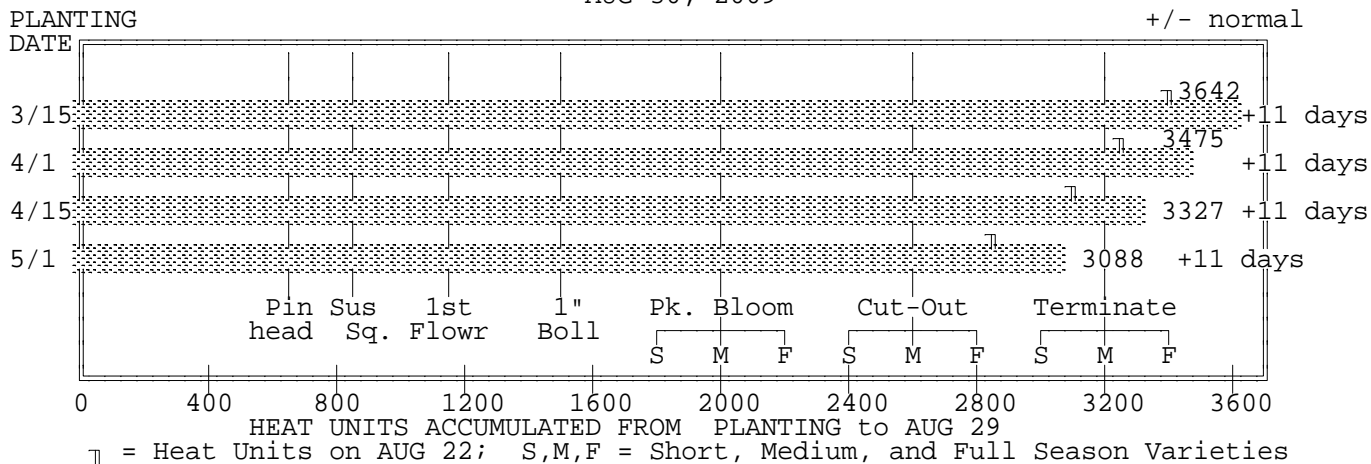


MARANA COTTON DEVELOPMENT ADVISORY  
AUG 30, 2009



HEAT UNITS

Heat Unit (HU) accumulation since Jan 1 = 4159; Last year = 3890; Normal = 3728  
 HUs since Jan 1 are running about 18 days ahead of normal.  
 HU last week = 193

HISTORICAL STATISTICS

Last Week : AUG 23 - AUG 29					This Week : AUG 30 - SEP 5					
	HIGH	LOW	DEWPT	HUs	RAIN		HIGH	LOW	DEWPT	HUs
Normal	98	70	62	175	----	Normal	96	69	61	173
Recorded	104	74	49	193	0.00	2008	100	72	65	181

ESTIMATED WATER USE

Planting date :	3/15	4/1	4/15	5/1
Water Use (last week):	1.67"	1.91"	2.11"	2.45"

HEAT STRESS LEVELS

Date	8/23	8/24	8/25	8/26	8/27	8/28	8/29
Stress	ns	ns	ns	ns	ns	ns	ns

Key : ns = no stress; L1 = Level 1 Stress; L2 = Level 2 Stress

WEATHER UPDATE

Monsoon flow will return this week, resulting in cooler temperatures, higher humidity & a chance for afternoon & evening thunderstorms each day. A hurricane is presently moving up the west coast of Mexico & is expected to produce even cooler temperatures & an additional surge of humidity late in the week. The remnants of this hurricane could produce a significant precipitation event over parts of AZ later this week. NOTE: The publication "Boll Maturity Dates for Late Season Cotton Flowers" is available at <http://ag.arizona.edu/azmet/cotton.htm>.

This is the final 2009 Advisory. Feedback regarding this program is appreciated & should be sent to [pbrown@ag.arizona.edu](mailto:pbrown@ag.arizona.edu). Have a safe & profitable harvest season!