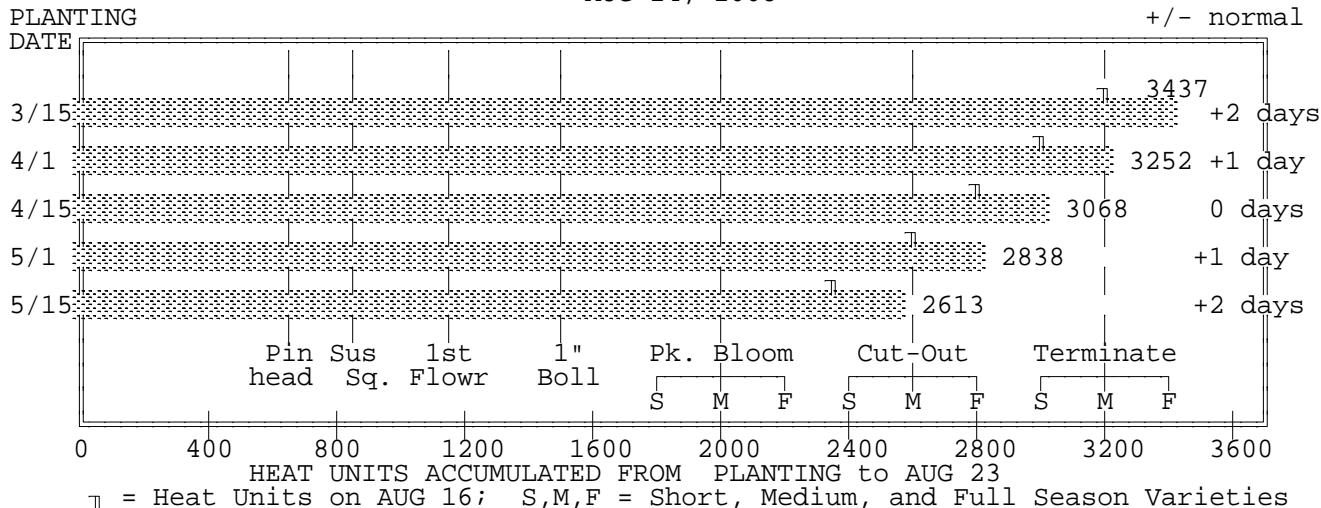


MARICOPA COTTON DEVELOPMENT ADVISORY  
AUG 24, 2008



#### HEAT UNITS

Heat Unit (HU) accumulation since Jan 1 = 3765; Last year = 4059; Normal = 3741  
 HUs since Jan 1 are running about 1 day ahead of normal.  
 HU last week = 199

#### HISTORICAL STATISTICS

Last Week : AUG 17 - AUG 23						This Week : AUG 24 - AUG 30					
	HIGH	LOW	DEWPT	HUs	RAIN		HIGH	LOW	DEWPT	HUs	
Normal	102	74	59	191	----	Normal	100	72	60	182	
Recorded	105	76	56	199	0.03	2007	108	77	64	202	

#### ESTIMATED WATER USE

Planting date :	3/15	4/1	4/15	5/1	5/15
Water Use (last week):	1.83"	2.07"	2.31"	2.33"	2.33"

#### HEAT STRESS LEVELS

Date	8/17	8/18	8/19	8/20	8/21	8/22	8/23
Stress	L1	L1	L1	ns	L1	L1	L1
Key :	ns = no stress; L1 = Level 1 Stress; L2 = Level 2 Stress						

#### WEATHER UPDATE

An increase in humidity & thunderstorm activity is expected through mid-week as the remnants of tropical storm Julio impact AZ. Expect near normal temperatures, high humidity & scattered thunderstorms Monday & Tuesday. High pressure will redevelop over the region by mid-week, bringing a return to warmer and drier conditions for the remainder of the week. Another surge of humidity is possible by the weekend.

Boll maturity estimates can assist growers with decisions pertaining to late season irrigations and crop termination. These estimates are available at [http://ag.arizona.edu/azmet/Boll\\_Maturity\\_2006.pdf](http://ag.arizona.edu/azmet/Boll_Maturity_2006.pdf)