

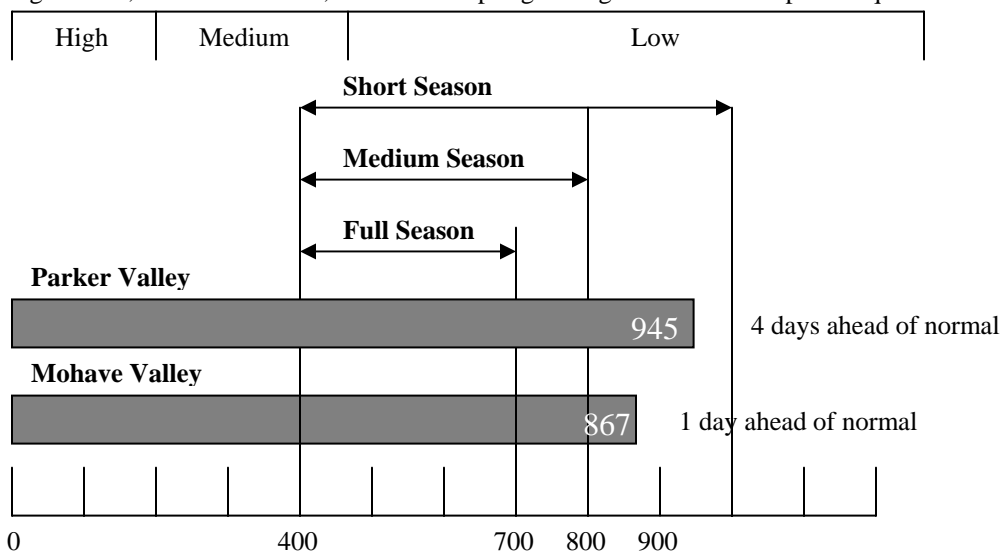
Cotton Planting Advisory

La Paz and Mohave Counties • P.O. Box 3485 • Parker, AZ • 85344 • 928.669.9843

This advisory can also be found on the web at <http://ag.arizona.edu/crops/counties/lapazmohave/>

Pink Boll Worm Susceptibility*

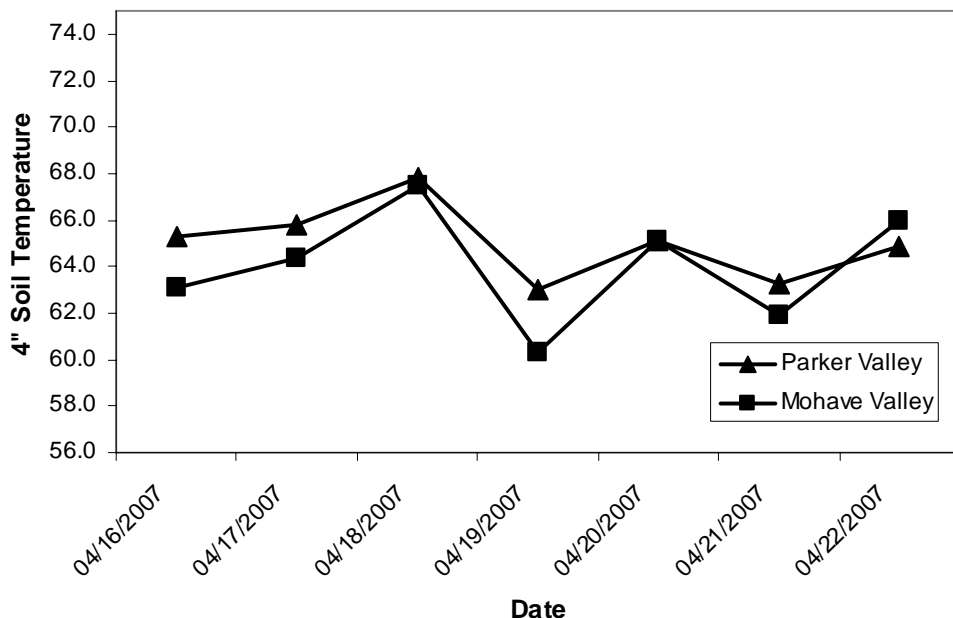
* High:>50%, Medium:25-50%, Low:<25% Spring Emergence after Susceptible Square



Jan. 1 **Heat Units Accumulated Since January 1**
 (as of April 14th)

Soil Temperatures

8:00 a.m. soil temperatures at AZMET Weather Station



A successful, profitable crop is directly linked to the decisions we make in determining acceptable planting conditions. Much research has been conducted that has given general guidelines that, if followed, will pay dividends come harvest time.

- Optimum soil temperature conditions are described as 65°F at seeding depth at 8:00 a.m. for three consecutive days, with a favorable five-day forecast. Soil temperatures are acceptable as they approach 60°F, and the forecast is good. Planting into less than 55°F opens the door for poor vigor and seedling disease.
- With respect to Heat Unit (HU) accumulation, research has shown that 300 to 400 HU from Jan. 1 are required before we can expect soil temperatures to approach acceptable levels.
- A favorable five-day forecast is dry weather with highs above 80°F and lows in the upper 40's or higher.



Arizona Meteorological Weather Forecast

One more strong storm system will move across northern Arizona today, bringing windy weather with a few degrees of cooling. This storm is expected to be dry and will generate just a few high elevation showers on Monday afternoon. The storm will exit Arizona by Tuesday and open the door to the first hot weather of the season. Strong high pressure will develop by mid-week and drive daytime temperatures 10 to 15 degrees above normal by the weekend.

The forecast for mid-week and beyond is excellent for planting and early season crop development. Growers are encouraged to complete planting as soon as possible.

Table 1. Historical and current weather data for Parker Valley

Last Week: April 15 – April 21						This Week: April 22 – April 28					
	High	Low	DP	HU	Rain		High	Low	DP	HU	Rain
Normal	87	53	36	104	----	Normal	90	56	38	117	----
Recorded	76	50	35	65	0.00	2006	82	50	36	86	----

Table 2. Historical and current weather data for Mohave Valley

Last Week: April 8 – April 14						This Week: April 15 – April 21					
	High	Low	DP	HU	Rain		High	Low	DP	HU	Rain
Normal	88	51	34	102	----	Normal	92	55	36	119	----
Recorded	78	47	27	66	0.00	2006	82	50	34	82	----

National Weather Service Forecast

Poston, AZ

Today	Tonight	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday
Partly Cloudy	Mostly Clear	Sunny	Clear	Mostly Sunny	Mostly Clear	Sunny	Mostly Clear	Sunny
Hi 79°F	Lo 53°F	Hi 88°F	Lo 57°F	Hi 93°F	Lo 62°F	Hi 96°F	Lo 62°F	Hi 99°F

Mohave Valley, AZ

Today	Tonight	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday
Mostly Sunny	Mostly Clear	Mostly Sunny	Mostly Clear	Sunny	Clear	Sunny	Mostly Clear	Sunny
Hi 79°F	Lo 56°F	Hi 88°F	Lo 60°F	Hi 95°F	Lo 62°F	Hi 98°F	Lo 63°F	Hi 100°F

Upcoming Events

- May 9, 2007. *Farm Bill, Estate Planning, and Risk Management Workshop.* 9:00 am – 12:00 noon. Arizona Western College, 601 11th Street, Parker, AZ.

