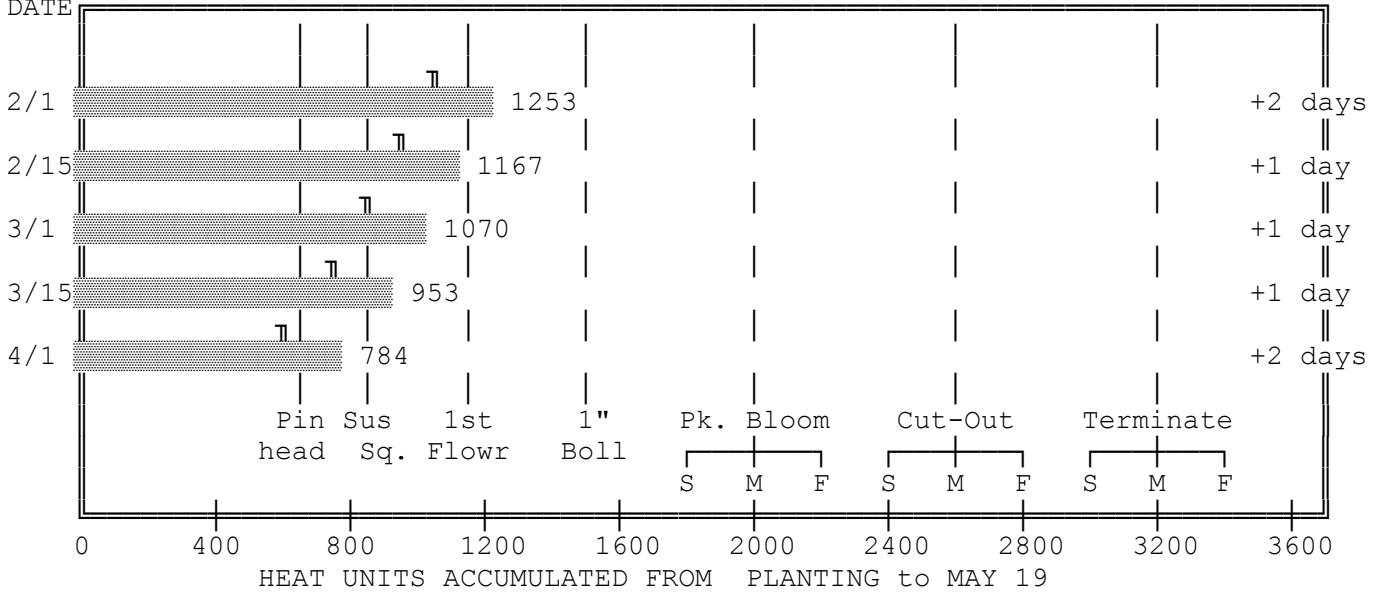


ROLL COTTON DEVELOPMENT ADVISORY  
MAY 20, 2012

PLANTING  
DATE

+/- normal



⌏ = Heat Units on MAY 12; S,M,F = Short, Medium, and Full Season Varieties

HEAT UNITS

Heat Unit (HU) accumulation since Jan 1 = 1437; Last year = 1363  
HUs since Jan 1 are running about 2 days ahead of normal.  
HU last week = 146

HISTORICAL STATISTICS

Last Week : MAY 13 - MAY 19						This Week : MAY 20 - MAY 26					
	HIGH	LOW	DEWPT	HUS	RAIN		HIGH	LOW	DEWPT	HUS	
Normal	98	59	41	143	----	Normal	97	59	44	141	
Recorded	103	58	46	146	0.00	2011	95	57	40	132	

ESTIMATED WATER USE

Planting date :	2/1	2/15	3/1	3/15	4/1
Water Use (last week):	1.14"	1.02"	.88"	.72"	.49"

WEATHER UPDATE

--High pressure will dominate AZ weather early this week, producing near record heat on Monday & Tuesday. A series of storm systems are forecast to move across the Great Basin later in the week, resulting in windy & cooler (near normal) conditions. No precipitation is expected with these storm systems.  
-- Growers should closely monitor soil moisture & avoid crop water stress. First post-plant irrigations (PPI) are typically applied at 800-1000 HUs after planting with earlier PPIs in coarse textured soils & later PPIs in finer textured soils. High rates of evaporative demand (ED) can also result in earlier PPIs. Last week's hot & dry weather produced high rates of ED. High ED is expected again this week. More details on PPIs are available at [www.cals.arizona.edu/pubs/crops/az1204.pdf](http://www.cals.arizona.edu/pubs/crops/az1204.pdf).