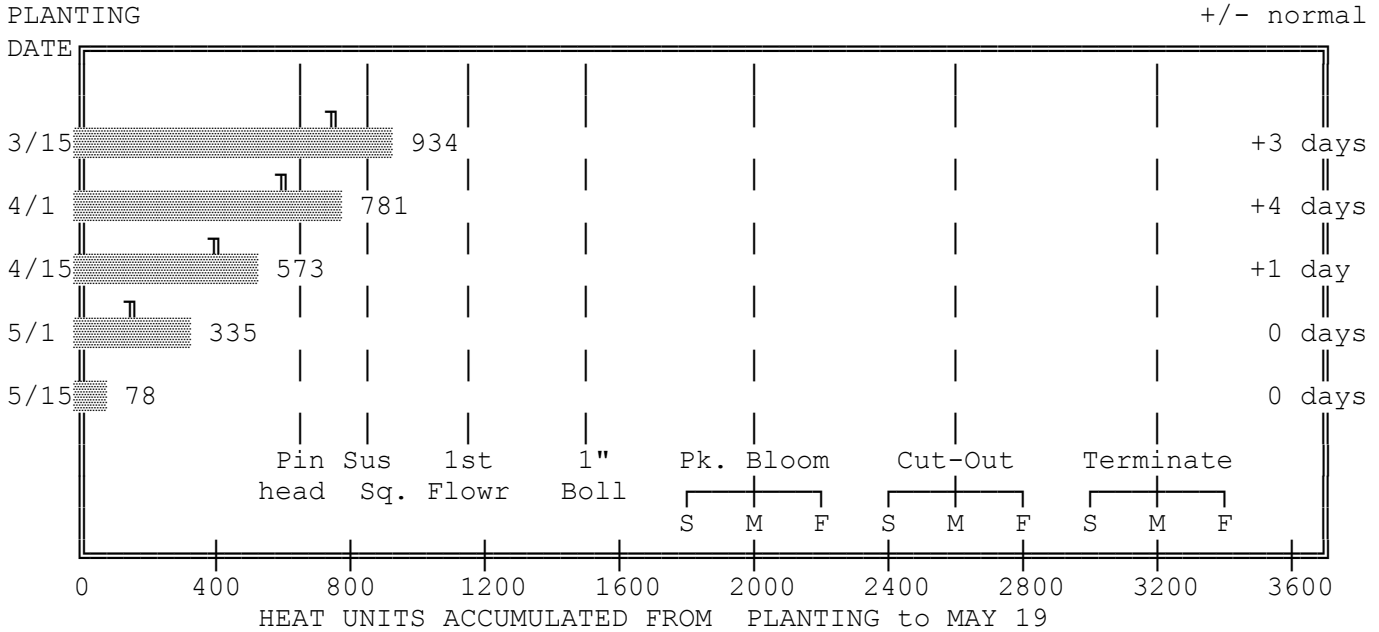


QUEEN CREEK COTTON DEVELOPMENT ADVISORY
MAY 20, 2018



HEAT UNITS

Heat Unit (HU) accumulation since Jan 1 = 1379; Last year = 1163; Normal = 1230
 HUs since Jan 1 are running about 8 days ahead of normal.
 HU last week = 127

HISTORICAL STATISTICS

Last Week : MAY 13 - MAY 19					This Week : MAY 20 - MAY 26					
	HIGH	LOW	DEWPT	HUs	RAIN		HIGH	LOW	DEWPT	HUs
Normal	95	59	36	139	----	Normal	94	59	37	136
Recorded	94	56	27	127	0.00	2017	86	52	37	96

ESTIMATED WATER USE

	3/15	4/1	4/15	5/1	5/15
Planting date :	3/15	4/1	4/15	5/1	5/15
Water Use (last week):	.75"	.52"	.46"	.46"	.46"

WEATHER UPDATE

--A storm system will pass north of AZ early this week, resulting in breezy conditions with clear skies & near normal temperatures. High pressure redevelops over AZ Wednesday, bringing a return to hot & dry conditions late this week.
 --Forecasts for spring Colorado River flow into Lake Powell remain well below normal. Official May 15 forecasts call for 3 MAF for April through July or 42% of average (7.2 MAF). Flow to date is ~ 1 MAF compared to a normal value of 2.5 MAF.
 --Nitrogen (N) uptake increases at first square, reaching maximum levels at peak bloom. Split applications of N fertilizer are recommended during this period to ensure optimum crop performance & improve N fertilizer efficiency. Details at <https://extension.arizona.edu/sites/extension.arizona.edu/files/pubs/az1243.pdf>.