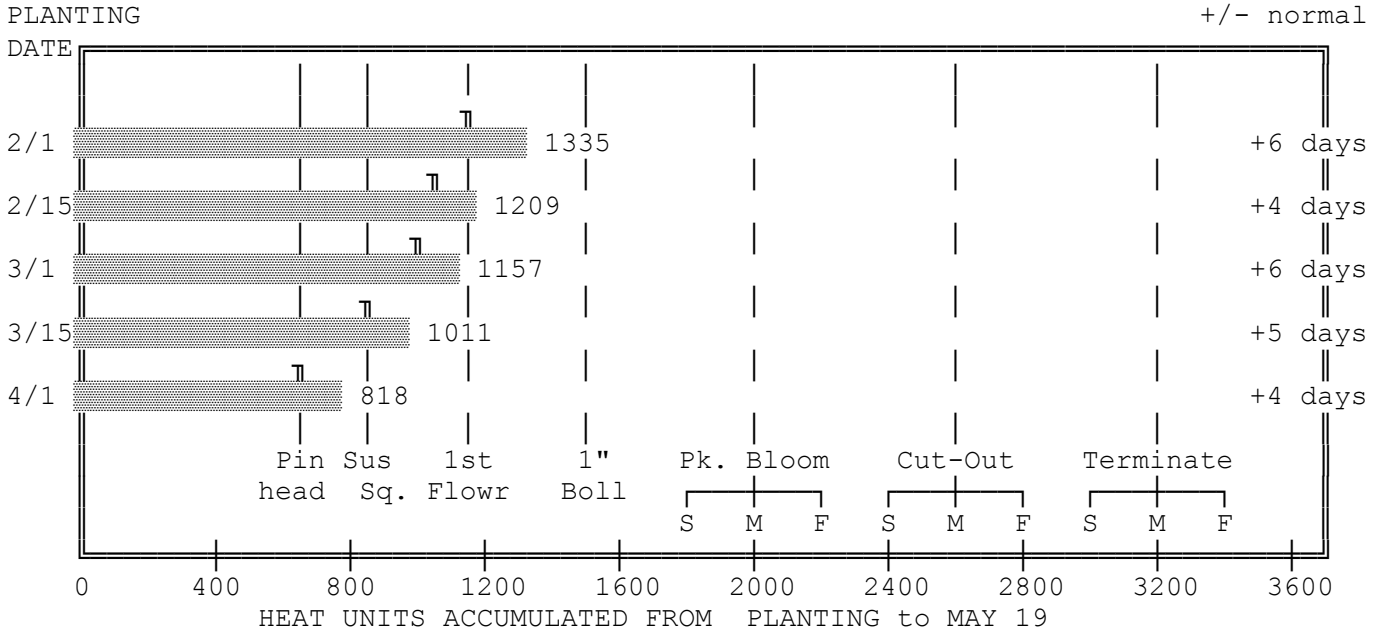


ROLL COTTON DEVELOPMENT ADVISORY
MAY 20, 2018



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

HEAT UNITS

Heat Unit (HU) accumulation since Jan 1 = 1569; Last year = 1412
 HUs since Jan 1 are running about 10 days ahead of normal.
 HU last week = 131

HISTORICAL STATISTICS

Last Week : MAY 13 - MAY 19					This Week : MAY 20 - MAY 26					
	HIGH	LOW	DEWPT	HUS	RAIN		HIGH	LOW	DEWPT	HUS
Normal	97	58	40	137	----	Normal	96	59	43	137
Recorded	96	56	46	131	0.00	2017	90	52	39	106

ESTIMATED WATER USE

Planting date :	2/1	2/15	3/1	3/15	4/1
Water Use (last week):	1.25"	1.08"	1.01"	.8"	.54"

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>.