

Table 14. Rainfall and soil temperature after planting cotton.*

Planting date	Days after planting								Total
	0	1	2	3	4	5	6	7	
Rainfall (in.)									Mean
Apr 6	0.00	0.00	0.38	0.14	0.00	0.00	0.00	0.00	0.52
Apr 12	0.00	0.00	0.00	0.13	0.00	0.05	0.00	0.00	0.18
Apr 19	0.00	0.00	0.02	0.05	0.02	0.00	0.00	0.75	0.84
Apr 27	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02
May 3	0.02	0.00	0.00	0.05	0.70	0.78	0.00	0.00	1.55
May 10	0.00	0.58	0.00	0.00	0.35	0.01	0.00	0.00	0.94
May 17	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.14
Soil temperature (F)									Mean
Apr 6	56.5	59.5	60.6	56.7	56.3	58.3	59.6	62.5	58.8
Apr 12	59.6	62.5	62.7	65.3	64.5	60.7	60.5	62.3	62.3
Apr 19	62.3	63.5	63.6	67.9	66.0	67.3	68.0	64.5	65.4
Apr 27	61.1	60.7	60.3	59.2	58.5	59.6	62.3	64.1	60.7
May 3	62.3	64.1	65.1	67.9	64.6	60.1	62.3	63.6	63.8
May 10	63.6	65.5	66.3	66.3	64.6	66.0	66.0	65.5	65.5
May 17	65.5	66.0	65.5	65.9	67.1	67.3	66.7	66.7	66.3
Max/Min Air temperature (F)									Mean
Apr 6	68/32	83/56	76/45	57/36	67/31	71/34	73/43	81/56	72/42
Apr 12	73/43	81/56	79/50	85/58	75/56	59/48	69/43	79/43	75/50
Apr 19	79/43	83/44	79/57	82/61	81/59	82/59	83/57	71/49	80/54
Apr 27	62/48	68/43	63/39	64/37	62/42	77/38	76/54	81/52	69/44
May 3	76/54	81/52	83/56	82/61	64/52	56/52	69/50	75/47	73/53
May 10	75/47	79/58	75/48	76/48	68/51	75/55	69/50	76/49	74/51
May 17	76/49	78/51	71/52	80/52	81/49	72/50	71/48	78/44	76/49

* Weather data from Peanut/Cotton InfoNet (www.ipm.vt.edu/InfoNet) weather station at Tidewater AREC research farm. Soil temperature was measured at 4-in. depth under managed turf near test site.

Table 15. Accumulated degree days (DD60)* and rainfall from planting to harvest (21 Oct).

Planting date	DD ₆₀	Rainfall (in.)
Apr 6	2164	32.85
Apr 12	2142	32.85
Apr 19	2103	32.15
Apr 27	2043	31.31
May 3	2035	31.31
May 10	1999	29.76
May 17	1966	28.82

* Cotton degree day data from Peanut/Cotton InfoNet (www.ipm.vt.edu/InfoNet) weather station at Tidewater AREC Research farm.