

Gustine, CA | Almonds

Feb 29, 2016

A preliminary schedule is outlined below. The anticipated pattern of crop available water is shown on the following page (Figure 1). For purposes of comparison the corresponding pattern from 2015 is shown as Figure 2.

The strategy followed in 2015 was based on recommendations published by Dave Goldhammer (FAO 66) which result in relatively wide swings on soil moisture and crop stress. That strategy was tempered by advice from Ken Shackel who recommends a more even distribution of stress.

Proposed irrigation schedule; based on 200 ac ft available water:

Date	inches	set time
Monday, March 28, 2016	0.82	12
Thursday, April 7, 2016	1.36	20
Wednesday, April 20, 2016	1.36	20
Monday, May 2, 2016	1.36	20
Wednesday, May 11, 2016	1.36	20
Monday, May 23, 2016	1.36	20
Wednesday, June 1, 2016	1.36	20
Monday, June 13, 2016	1.36	20
Wednesday, June 22, 2016	0.82	12
Wednesday, June 29, 2016	1.77	26
Wednesday, July 6, 2016	1.63	26
Wednesday, July 13, 2016	1.63	24
Thursday, July 21, 2016	1.63	24
Monday, August 1, 2016	1.63	24
Monday, August 8, 2016	1.43	21
Wednesday, August 17, 2016	1.36	20
Saturday, August 27, 2016	1.36	20
Wednesday, September 7, 2016	0.82	12
Wednesday, September 21, 2016	0.82	12
Wednesday, October 5, 2016	0.82	12
	26.06 inches	385.00 hours
	199.79 ac-ft	

Figure 1: 2016 projected water use and soil moisture

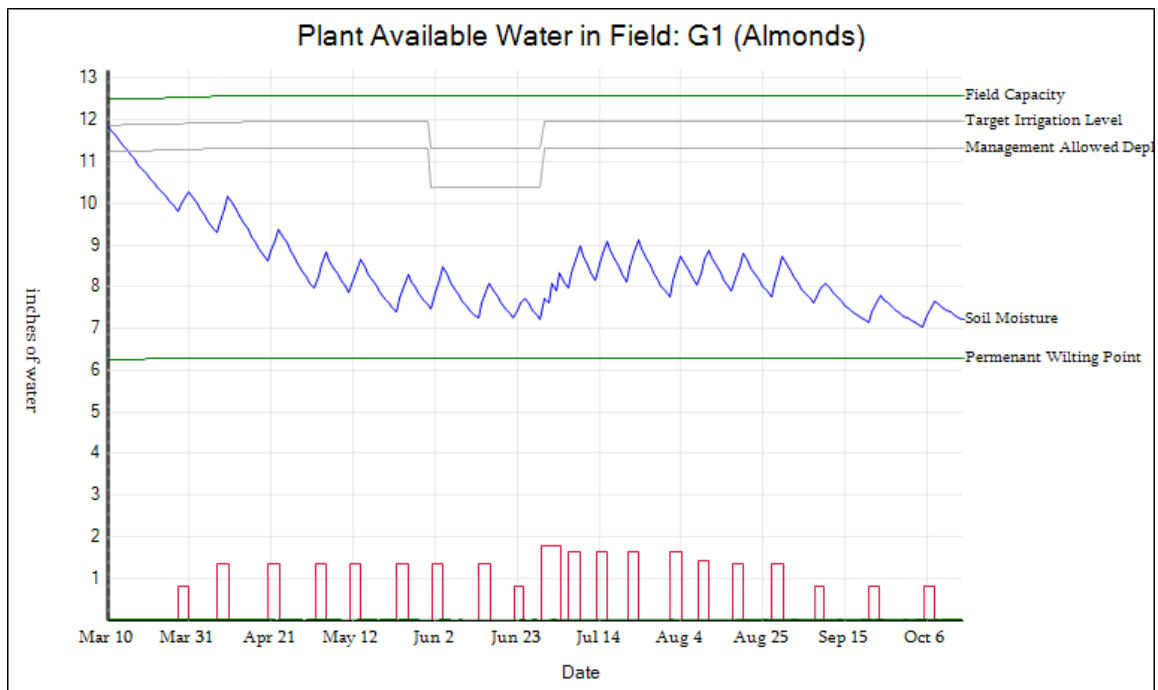


Figure 2: 2015 water use and soil moisture pattern

