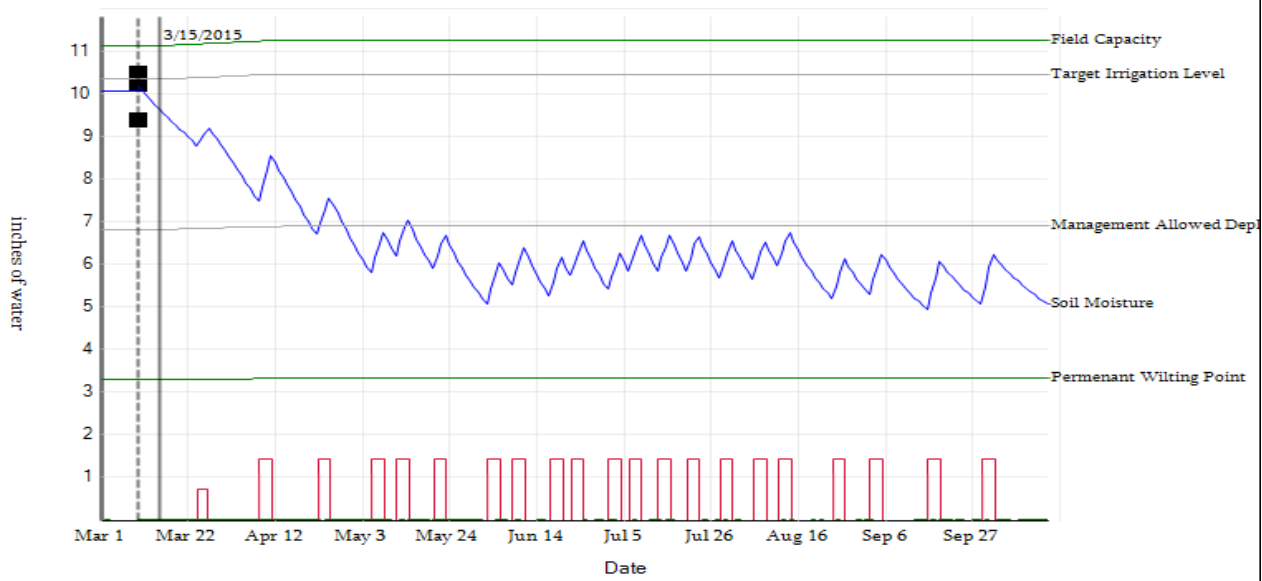


Plant Available Water in Field: G1 (Almonds)



Stem water potential | March 10, 2015

Location:	(South check)	(North check)
Varietal:	Wood Colony	
	8.3	9.3
	6.7	10.0
	6.3	
	Non-pareil	
	8.8	7.6
	9.0	7.0
	8.0	7.1
	Carmel	
	7.8	9.0
	4.6	6.3
	8.2	
Average	7.7	

Soil moisture | March 10, 2015

Date	Site	Measurement type	Tube #	Observed deficits at installation (%total moisture)									
				12"	24"	36"	48"	60"					
3/10/2015	Rocky Row South	Neutron probe	10001	2.34	2.3	2.43	2.45	2.47	-20	-10	-10	-10	-10
			10002	2.25	2.44	2.39	2.35	2.35	-30	-20	-10	-10	-10
3/10/2015	North side		10003	2.25	2.32	1.96	1.91	rock	-20	-10	0	0	0
			10004	2.35	2.61	2	2.1	1.91	-20	-10	0	0	0

Notes

- Total moisture scale sets field capacity at 100% and oven dry soil at 0%
- Field capacity is defined as the upper drained limit.
- Additional probe readings will be taken 24 hours after the next irrigation set - this will give a better fix of field capacity.
- Probe readings are in Inch/ft on Irrinet calibration #4 (defined for SiL). These values can be re-calibrated to true values once we know the true water holding capacity.
- Probe tubes are placed in two adjacent tree rows and represent different laterals, sprinklers and trees.
- The client is comfortable with the position of the North Side since the trees suffered more there than further east.