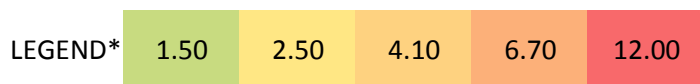


Soil Salinity (EC, dS/m) - Ryer Island, North Delta

Michelle Leinfelder-Miles - Delta Crops Resource Management Advisor, UC Cooperative Ext.

Sampling Date: 8/10/2016



Grapes - North		VINE ROW				ALLEY CENTER	Pears	
Depth	0"	12"	24"	36"	48"	Depth		
	↓				↓			
0 - 12"		1.705	1.62	2.18	1.24	0 - 12"	0.442	
12-24"		1.068	1.36	2.45	2.05	12-24"	0.249	
24-36"		2.179	2.63	5.41	4.00	24-36"	0.711	
36-48"		1.045	1.78	1.80	2.30	36-48"	1.178	
48-60"		0.693	0.75	0.84	0.96	48-60"	1.116	
Groundwater Depth (87")						Groundwater Depth (65")		

Grapes - South		VINE ROW				ALLEY CENTER
Depth	0"	12"	24"	36"	48"	
	↓				↓	
0 - 12"		1.20	2.19	3.57	2.18	
12-24"		1.06	2.15	3.57	2.61	
24-36"		3.03	2.94	4.44	5.18	
36-48"		3.82	4.15	4.90	5.35	
48-60"		2.30	1.88	2.79	2.49	
Groundwater Depth (112")						

*Water Quality for Agriculture. FAO 29. Values correspond to 100%, 90%, 75%, 50%, and 0% yield potential of grapes. No values available for pear.