

WALLACE LABS
365 Coral Circle
El Segundo, CA 90245
(310) 615-0116

WATER ANALYSES

April 9, 2021

Location

Requester

<u>elements</u>	21-100W-01 <u>mg/liter</u>	<u>milliequivalent/liter</u>		maximum concentrations for agronomic uses FAO & UC
		cation	anion	
phosphorus	0.250		0.01	
potassium	6.713	0.17		
iron	0.067	0.00		1
manganese	0.006	0.00		0.2
zinc	0.160	0.00		2
copper	0.011	0.00		0.2
boron	0.056		0.01	0.5 to 10
calcium	11.725	0.59		
magnesium	5.260	0.43		
sodium	13.492	0.59		70 foliar
sulfur	8.120		0.51	
molybdenum	< 0.0017			0.01
aluminum	< 0.0067			5
arsenic	< 0.0066			0.1
barium	0.025			
cadmium	< 0.0015			0.01
chromium	< 0.0021			0.1
cobalt	< 0.0026			0.01
lead	< 0.0155			5
lithium	0.024	0.00		2.5
mercury	< 0.0015			
nickel	< 0.0032	0.00		0.2
selenium	< 0.0246			0.02
silicon	1.363			
silver	< 0.0008			
strontium	0.066	0.00		
tin	< 0.0140			
titanium	< 0.0003			
vanadium	0.002			0.1
pH	6.98			6.5- 8.4
ECw (dS/m)	0.17			3
bicarbonate	50		0.82	100 foliar
carbonate	nd		0.00	
nitrate as N	1.1		0.08	
ammonium as N	1.0	0.07		
chloride	9		0.27	105 foliar, 150
SAR	0.8			6
Adjusted SAR	0.5			
	ion sum	1.86	1.69	

Gypsum requirement in pounds per acre foot of water (234 pounds equals 1 me/l)

for sodium control none recommended rate of gypsum

for total bicarbonate 90

and sodium control

for magnesium control 66

Units are milligrams per liter (parts per million) except as noted.