



"Every acre...Every year"

Client :	Grower:	Report No:
		Cust No:
		Date Printed:
		Date Received :
	Farm:	PO:
		Page :

Lab Number : 11351

Field Id : Alturas

Sample Id : S.E. Bk

M3 - Mehlich 3 BPH - Lime Index 1:1 - Water pH

Test	Method	Results	SOIL TEST RATINGS					Calculated Cation Exchange Capacity		
			Very Low	Low	Medium	Optimum	Very High	%sat	meq	
Soil pH	1:1	7.5						4.5 meq/100g		
Buffer pH								%Saturation		
Phosphorus (P)	M3	261 ppm						K	1.8	0.1
Potassium (K)	M3	31 ppm						Ca	77.6	3.5
Calcium (Ca)	M3	698 ppm						Mg	19.3	0.9
Magnesium (Mg)	M3	104 ppm						H	0.0	0.0
Sulfur (S)	M3	15 ppm						Na	1.2	0.1
Boron (B)	M3	0.2 ppm						K/Mg Ratio: 0.09		
Copper (Cu)	M3	26.9 ppm						Ca/Mg Ratio: 4.02		
Iron (Fe)	M3	162 ppm								
Manganese (Mn)	M3	15 ppm								
Zinc (Zn)	M3	13.6 ppm								
Sodium (Na)	M3	12 ppm								
Soluble Salts										
Organic Matter										
Nitrate Nitrogen										

PLANT TISSUE ANALYSIS

Plant: Peach

Growth Stage: Mid-season

Plant Part:

	N %	S %	P %	K %	Mg %	Ca %	Na %	B ppm	Zn ppm	Mn ppm	Fe ppm	Cu ppm	Al ppm
Analysis	3.68	0.21	0.36	1.28	0.40	0.80	0.01	34	21	37	6	331	10
Normal Range	2.75	0.12	0.12	1.30	0.25	1.50	0.00	20	20	20	60	5	0
	3.50	0.39	0.29	3.20	0.49	2.50	0.20	80	50	201	251	20	251
Ratios	N/S	N/K	P/S	P/Zn	K/Mg	K/Mn	Ca/B	Fe/Mn	Ca/K	Ca/Mg			
Actual	17.5	2.9	1.7	171.4	3.2	345.9	235.3	0.2	0.6	2.0			
Expected	12.3	1.4	0.8	58.6	6.1	203.6	400.0	1.4	0.9	5.4			
Very High													
High													
Sufficient													
Low													
Deficient													



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Field Id : Alturas

Sample Id : N.W. Blk

M3 - Mehlich 3 BPH - Lime Index 1:1 - Water pH

Test	Method	Results	SOIL TEST RATINGS					Calculated Cation Exchange Capacity		
			Very Low	Low	Medium	Optimum	Very High	%sat	meq	
Soil pH	1:1	6.9						3.0 meq/100g		
Buffer pH								%Saturation		
Phosphorus (P)	M3	252 ppm						K	2.8	0.1
Potassium (K)	M3	33 ppm						Ca	76.5	2.3
Calcium (Ca)	M3	459 ppm						Mg	18.6	0.6
Magnesium (Mg)	M3	67 ppm						H	0.0	0.0
Sulfur (S)	M3	11 ppm						Na	2.0	0.1
Boron (B)	M3	0.1 ppm								
Copper (Cu)	M3	15.6 ppm								
Iron (Fe)	M3	127 ppm						K/Mg Ratio: 0.15		
Manganese (Mn)	M3	4 ppm						Ca/Mg Ratio: 4.11		
Zinc (Zn)	M3	7.7 ppm								
Sodium (Na)	M3	14 ppm								
Soluble Salts										
Organic Matter										
Nitrate Nitrogen										

PLANT TISSUE ANALYSIS

Plant: Peach

Growth Stage: Mid-season

Plant Part:

	N %	S %	P %	K %	Mg %	Ca %	Na %	B ppm	Zn ppm	Mn ppm	Fe ppm	Cu ppm	Al ppm
Analysis	2.40	0.14	0.27	1.42	0.93	2.16	0.01	35	9	54	17	724	26
Normal Range	2.75	0.12	0.12	1.30	0.25	1.50	0.00	20	20	20	60	5	0
	3.50	0.39	0.29	3.20	0.49	2.50	0.20	80	50	201	251	20	251
Ratios	N/S	N/K	P/S	P/Zn	K/Mg	K/Mn	Ca/B	Fe/Mn	Ca/K	Ca/Mg			
Actual	17.1	1.7	1.9	300.0	1.5	263.0	617.1	0.3	1.5	2.3			
Expected	12.3	1.4	0.8	58.6	6.1	203.6	400.0	1.4	0.9	5.4			
Very High													
High													
Sufficient													
Low													
Deficient													
	N	S	P	K	Mg	Ca	Na	B	Zn	Mn	Fe	Cu	Al