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BILLING:

### RESEARCH SOIL ANALYSIS

Lab #	Sample ID #	-----paste-----		Lime Estimate	% OM	-----AB-DTPA-----							Texture Estimate
		pH	EC mmhos/cm			-----ppm-----							
						NO <sub>3</sub> -N	P	K	Zn	Fe	Mn	Cu	
R693	1 red	7.4	2.1	low	2.0	25.2	43.8	324	6.3	24.8	15.4	11.3	sandy clay loam
R694	2 red	7.7	1.9	low	2.2	16.8	48.7	382	6.8	28.3	15.8	12.0	sandy clay loam
R695	1 orange	7.7	1.8	low	1.8	24.0	43.3	382	5.5	28.0	17.8	11.1	clay loam
R696	2 orange	7.7	2.5	low	1.7	22.3	36.8	313	4.2	23.8	18.7	9.4	sandy clay loam
R697	1 reference	7.8	0.7	low	1.8	8.0	70.2	231	7.7	24.5	4.8	17.4	sandy clay loam
R698	2 reference	7.2	1.3	low	1.1	24.7	62.9	185	6.9	19.9	7.0	16.0	sandy clay loam
R699	New 1	7.6	9.2	low	2.4	121	150	1774	14.9	21.0	6.0	7.4	sandy loam
R700	3 Reference	7.8	0.9	low	1.8	11.0	46.6	278	8.0	20.1	4.4	18.6	sandy clay loam
R701	New 2	7.8	9.1	low	2.7	150	163	2027	17.5	24.1	7.6	8.8	sandy loam

Lab #	Sample ID #	Ca	Mg	Na	K	SAR	CaCO <sub>3</sub> equiv	crop	irrigation	Yield Goal	-----Fertilizer Suggestions-----			
		-----meq/L-----			N						P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
												-----lb/A-----		
R693	1 red	8.6	1.9	2.7	7.9	1.2	0.42	corn	yes	150bu/A	20	0	0	
R694	2 red	7.0	1.8	2.3	7.1	1.0	0.65	corn	yes	150bu/A	65	0	0	
R695	1 orange	6.2	1.8	2.0	6.9	1.0	0.59	corn	yes	150bu/A	30	0	0	
R696	2 orange	11.3	2.4	3.4	8.4	1.4	1.16	corn	yes	150bu/A	40	0	0	
R697	1 reference	2.5	0.9	0.9	2.7	0.7	0.22	corn	yes	150bu/A	130	0	0	
R698	2 reference	5.0	1.2	2.0	5.7	1.0	0.06	corn	yes	150bu/A	40	0	0	
R699	New 1	17.1	57.8	12.1	45.7	2.7	0.47	corn	yes	150bu/A	0	0	0	
R700	3 Reference	3.1	0.9	1.1	3.0	0.7	0.37	corn	yes	150bu/A	110	0	0	
R701	New 2	16.3	54.2	11.4	43.4	2.6	0.37	corn	yes	150bu/A	0	0	0	

Note: salts are high in samples 2 orange, New 1 and New 2. Plant growth may be reduced.  
The SAR's are low. Sodium is not a problem.