

\*Not Tested (NT) No Sample (NS)

ANALYSIS	IRRIGATION BAY 1					IRRIGATION BAY 2					IRRIGATION BAY 3					IRRIGATION BAY 4				
	0-10 cm	10-30 cm	30-60 cm	60-90 cm	AVE	0-10 cm	10-30 cm	30-60 cm	60-90 cm	AVE	0-10 cm	10-30 cm	30-60 cm	60-90 cm	AVE	0-10 cm	10-30 cm	30-60 cm	60-90 cm	AVE
EFF006_S-pH in Soil (1:5) (pH Unit)	6.6	6.7	7	7.3	6.90	6.4	7	8.5	8	7.48	6.7	7	6.7	7.1	6.88	6.5	7.2	7.6	7.5	7.20
EFF007_S-Electrical Conductivity (1:5) (uS/cm)	270	170	560	630	407.50	180	220	380	1240	505.00	420	340	550	540	462.50	310	240	450	1130	532.50
ENV016-Total Nitrogen (TKN + NOx)#* (mg/kg)	2210	507	451	358	881.50	1210	896	460	330	724.00	2090	713	585	385	943.25	2520	529	486	313	962.00
S023_21A-Colwell Phosphorus (mg/kg P)	262	59	12	6.5	84.88	59	72	12	6.9	37.48	171	57	30	16	68.50	189	34	14	8	61.25
S023_42A-Chromium Reducible Sulfur* (-)	0.005	0.005	0.005	0.005	0.01	0.008	0.006	0.005	0.005	0.01	0.011	0.005	0.005	0.005	0.01	0.005	0.005	0.005	0.005	0.01
S023_11A-Emerson Aggregate Test (EAT) (-)	2	1	1	1	1.25	2	2	2	2	2.00	2	1	2	2	1.75	1	2	2	2	1.75
S023_45A-Phosphorus - Bray 2* (mg/kg)	152	28	6	8.4	48.60	73	40	4.4	6.3	30.93	128	31	11	11	45.25	121	25	7.4	9.4	40.70
BE6042_0B-Total Organic Carbon(TOC)* (%w/w)	2.4	0.6	0.4	0.2	0.90	1.5	0.9	0.3	0.3	0.75	2	0.9	0.6	0.6	1.03	2.6	0.8	0.5	0.2	1.03
BE4034_0B-Sodium Absorption Ration(SAR)* #* (-)	4.97	2.88	0.4	0.54	2.20	2.49	3.52	0.2	1.13	1.84	12.7	6.64	5.93	6.51	7.95	12	3.97	4.98	28.91	12.47
EWI01-Sodium (Dissolved) (mg/L)	91	72	16	7.9	46.73	49	80	9.3	16	38.58	150	170	380	620	330.00	130	120	400	500	287.50
EWI01-Calcium (Dissolved) (mg/L)	16	16	120	2.9	38.73	17	16	58	11	25.50	8.6	8.5	48	77	35.53	2.8	18	110	8.5	34.83
EWI01-Magnesium (Dissolved) (mg/L)	5.7	19	0.4	8	8.28	7.5	14	62	2.6	21.53	1.2	25	160	370	139.05	3.7	31	230	8.6	68.33
EFF011S-Chloride in soil (1:5) (mg/kg)	140	66	320	450	244.00	61	130	32	1232	363.75	320	240	430	390	345.00	150	130	240	860	345.00
IND041-Cadmium (Cd) (mg/kg)	0.05	0.05	0.7	0.05	0.21	0.05	0.05	0.6	0.05	0.19	0.05	0.05	0.05	0.5	0.16	0.05	0.05	0.05	0.6	0.19
IND041-Phosphorus (P) (mg/kg)	827	219	147	156	337.25	542	400	258	142	335.50	925	363	258	298	461.00	851	292	216	180	384.75
IND041-Sulphur (S) (mg/kg)	532	128	210	223	273.25	344	233	89	204	217.50	806	232	234	199	367.75	849	192	146	298	371.25
S023_46A-Exchangeable Calcium* (cmol+/kg)	9.1	4.9	7	8	7.25	7.9	6.5	5.8	9	7.30	6.7	3.2	2.7	6.2	4.70	6.6	4.4	6.5	8.3	6.45
S023_46A-Exchangeable Calcium* (mg/kg)	1822	981	1400	1613	1454.00	1576	1295	1165	1809	1461.25	1344	635	546	1234	939.75	1317	887	1299	1662	1291.25
S023_46A-Exchangeable Magnesium* (cmol+/kg)	0.62	0.72	1.4	4.9	1.91	0.67	0.62	0.91	1.9	1.03	0.42	0.24	0.36	1.9	0.73	0.46	0.42	1.3	2.8	1.25
S023_46A-Exchangeable Magnesium* (mg/kg)	75	88	165	601	232.25	82	75	110	228	123.75	51	30	44	227	88.00	56	51	159	342	152.00
S023_46A-Exchangeable Sodium* (cmol+/kg)	2.2	3.2	11	12	7.10	2.1	2.7	9.6	15	7.35	5.4	5.8	7.5	16	8.68	3.4	4.3	10	13	7.68
S023_46A-Exchangeable Sodium* (mg/kg)	515	747	2487	2839	1647.00	480	620	2218	3470	1697.00	1243	1327	1721	3635	1981.50	775	995	2310	3081	1790.25
S023_46A-Exchangeable Potassium* (cmol+/kg)	1.2	0.98	1.4	1.4	1.25	1.1	0.8	1.2	1.3	1.10	0.81	1	1.1	1.8	1.18	0.81	1	1.6	1.4	1.20
S023_46A-Exchangeable Potassium* (mg/kg)	454	382	560	557	488.25	431	313	460	497	425.25	315	406	445	710	469.00	315	190	623	534	415.50
S023_47A-Exchangeable Aluminium* (cmol+/kg)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05	0.03	0.01	0.03	0.08	0.01	0.01	0.01	0.03
S023_47A-Exchangeable Aluminium* (mg/kg)	1	1	1	1	1.00	1	1	1	1	1.00	1	4.8	2.7	1	2.38	7.1	1	1	1	2.53
S023_46A-Cation Exchange Capacity (CEC)* (cmol+/kg)	13	9.9	21	27	17.73	12	11	18	27	17.00	13	10	12	26	15.25	11	10	19	26	16.50
S023_46A-Exchangeable Sodium Percentage (ESP)* (%)	17	33	52	46	37.00	18	25	55	55	38.25	40	56	64	62	55.50	30	42	52	52	44.00
EFF005_S-EFF0055.1 Nitrite-N in soil (mg/kg)	4.7	5.7	20	2.2	8.15	4.3	3.4	3.9	0.7	3.08	7	12	24	25	17.00	1.8	9.1	36	4.7	12.90
EFF004_S-EFF0045.1 Nitrate-N in soil (mg/kg)	20	1.1	0.8	16	9.48	7.8	2.4	6.5	19	8.93	8	0.5	0.85	<0.10	3.12	7.6	<0.10	0.45	38	15.35
ENV010_S-Total Kjeldahl nitrogen* (mg/kg)	2190	500	430	340	865.00	1200	890	450	310	712.50	2070	700	560	360	922.50	2510	520	450	270	937.50
ENV001_S-Moisture Content - Soil (%)	12.3	6.5	16	11.9	11.68	9.2	9.4	11.9	12.9	10.85	11.6	9.2	12.9	16.8	12.63	10.9	8.9	10	15.1	11.23
EFF044_S-Ammonia (mg/kg)	3.5	2.3	14.1	1.5	5.35	0.5	2.2	2.6	0.2	1.38	1	5.3	23.3	16.4	11.50	2.7	4.6	21	3	7.83
IND041F-Calcium - Water Soluble* (mg/kg)	21.6	58.8	507	141	182.10	22.4	67.8	110	171	92.80	5.1	113	202	284	151.03	4.9	118	476	368	241.73
IND041F-Potassium - Water Soluble* (mg/kg)	102	229	2040	596	741.75	108	223	183	552	266.50	64	923	1785	1993	1191.25	62	597	2266	1314	1059.75
IND041F-Sodium - Water Soluble* (mg/kg)	417	257	1188	863	681.25	191	342	981	1644	789.50	513	653	1229	1461	964.00	446	453	1223	1777	974.75
IND041F-Magnesium - Water Soluble* (mg/kg)	9	89.9	1061	447	401.73	6.1	88.2	41	363	124.58	8.1	329	712	903	488.03	11.2	211	921	964	526.80

\*Not Tested (NT) No Sample (NS)

ANALYSIS	IRRIGATION BAY 5					IRRIGATION BAY 6					IRRIGATION BAY 7				
	0-10 cm	10-30 cm	30-60 cm	60-90 cm	AVE	0-10 cm	10-30 cm	30-60 cm	60-90 cm	AVE	0-10 cm	10-30 cm	30-60 cm	60-90 cm	AVE
EFF006_S-pH in Soil (1:5) (pH Unit)	6.4	6.6	7.3	7.6	6.98	6.2	6.7	6.9	7.7	6.88	6.4	6.7	7.1	7.3	6.88
EFF007_S-Electrical Conductivity (1:5) (uS/cm)	240	170	570	650	407.50	280	250	640	990	540.00	470	280	620	1070	610.00
ENV016-Total Nitrogen (TKN + NOx)#* (mg/kg)	1700	640	519	406	816.25	1970	615	531	247	840.75	1840	680	428	360	827.00
S023_21A-Colwell Phosphorus (mg/kg P)	112	38	14	8.6	43.15	119	22	11	5.9	39.48	128	16	7.3	5.6	39.23
S023_42A-Chromium Reducible Sulfur* (-)	0.005	0.005	0.005	0.005	0.01	0.008	0.005	0.005	0.005	0.01	0.011	0.005	0.005	0.008	0.01
S023_11A-Emerson Aggregate Test (EAT) (-)	3	2	2	2	2.25	3	2	2	2	2.25	3	2	2	2	2.25
S023_45A-Phosphorus - Bray 2* (mg/kg)	64	23	6	7.7	25.18	48	9.2	4.8	6.6	17.15	62	6.8	3.4	6.6	19.70
BE6042_0B-Total Organic Carbon(TOC)* (%w/w)	1.8	1.2	0.4	0.3	0.93	2.2	0.7	0.5	0.4	0.95	2.2	0.9	0.4	0.3	0.95
BE4034_0B-Sodium Absorption Ration(SAR)* ## (-)	8.86	2.99	6.87	25.98	11.18	5.3	2.9	3.97	29.43	10.40	6.52	4.34	3.91	26.87	10.41
EWI01-Sodium (Dissolved) (mg/L)	81	81	290	290	185.50	82	190	270	410	238.00	140	110	330	470	262.50
EWI01-Calcium (Dissolved) (mg/L)	4.7	11	23	4.5	10.80	16	79	71	6.8	43.20	32	19	95	11	39.25
EWI01-Magnesium (Dissolved) (mg/L)	0.99	27	68	3	24.75	1.3	150	170	4.8	81.53	1.8	18	270	7.4	74.30
EFF011S-Chloride in soil (1:5) (mg/kg)	74	56	350	390	217.50	62	65	300	440	216.75	370	230	330	620	387.50
IND041-Cadmium (Cd) (mg/kg)	0.05	0.05	0.6	0.6	0.33	0.05	0.05	0.6	0.6	0.33	0.05	0.05	0.6	0.5	0.30
IND041-Phosphorus (P) (mg/kg)	405	231	168	196	250.00	469	201	167	166	250.75	549	196	166	144	263.75
IND041-Sulphur (S) (mg/kg)	493	199	240	303	308.75	669	189	301	504	415.75	667	166	266	420	379.75
S023_46A-Exchangeable Calcium* (cmol+/kg)	6.5	3.8	6.2	12	7.13	7.9	5.9	9.3	5.5	7.15	10	9.2	9.1	16	11.08
S023_46A-Exchangeable Calcium* (mg/kg)	1299	754	1237	2332	1405.50	1590	1187	1873	1104	1438.50	2000	1838	1825	3176	2209.75
S023_46A-Exchangeable Magnesium* (cmol+/kg)	0.36	0.38	2.2	5	1.99	0.54	0.76	2.7	0.66	1.17	5	0.6	2.7	5.5	3.45
S023_46A-Exchangeable Magnesium* (mg/kg)	43	47	268	603	240.25	66	92	333	80	142.75	613	73	333	665	421.00
S023_46A-Exchangeable Sodium* (cmol+/kg)	1.9	2.7	6.2	12	5.70	1.7	3.8	9.7	3.1	4.58	11	2.6	9.5	12	8.78
S023_46A-Exchangeable Sodium* (mg/kg)	443	620	1434	2792	1322.25	395	864	2231	706	1049.00	2565	609	2178	2787	2034.75
S023_46A-Exchangeable Potassium* (cmol+/kg)	0.65	0.69	1.2	1.3	0.96	0.92	0.89	1.4	0.75	0.99	1.3	1.1	1.7	1.4	1.38
S023_46A-Exchangeable Potassium* (mg/kg)	253	269	475	506	375.75	360	349	543	292	386.00	510	436	680	533	539.75
S023_47A-Exchangeable Aluminium* (cmol+/kg)	0.18	0.47	0.01	0.01	0.17	0.09	0.04	0.01	0.01	0.04	0.02	0.01	0.01	0.01	0.01
S023_47A-Exchangeable Aluminium* (mg/kg)	16	42	1.3	1	15.08	8.1	4	1	1	3.53	2.1	1	1.2	1	1.33
S023_46A-Cation Exchange Capacity (CEC)* (cmol+/kg)	9.7	8.1	16	30	15.95	11	11	23	10	13.75	28	14	23	35	25.00
S023_46A-Exchangeable Sodium Percentage (ESP)* (%)	20	33	39	40	33.00	15	33	42	31	30.25	40	20	41	35	34.00
EFF005_S-EFF005S.1 Nitrite-N in soil (mg/kg)	6.9	9.5	19	16	12.85	4.2	24	21	9.7	14.73	5.1	3.6	27	1.3	9.25
EFF004_S-EFF004S.1 Nitrate-N in soil (mg/kg)	19	0.4	<0.10	0.3	6.57	33	0.9	0.25	27	15.29	29	6.1	1.1	49	21.30
ENV010_S-Total Kjeldahl nitrogen* (mg/kg)	1670	630	500	390	797.50	1930	590	510	210	810.00	1810	670	400	310	797.50
ENV001_S-Moisture Content - Soil (%)	7.6	9.1	12.3	16	11.25	10.9	8.1	20	15.3	13.58	12.5	8.4	15.9	14.9	12.93
EFF044_S-Ammonia (mg/kg)	1.2	3.1	10	7.8	5.53	1.3	14	12.8	0.6	7.18	2.7	1.3	17.2	0.3	5.38
IND041F-Calcium - Water Soluble* (mg/kg)	3	106	551	362	255.50	12	370	814	233	357.25	54.6	39.2	654	122	217.45
IND041F-Potassium - Water Soluble* (mg/kg)	57	498	2252	1188	998.75	98	1494	2786	474	1213.00	133	170	2492	208	750.75
IND041F-Sodium - Water Soluble* (mg/kg)	291	331	1356	1203	795.25	287	607	1567	2186	1161.75	461	350	1497	2178	1121.50
IND041F-Magnesium - Water Soluble* (mg/kg)	7.8	218	1496	952	668.45	7.4	667	1826	468	742.10	6.3	63.2	1460	131	415.13