



*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)	6.8	7.1	7.3	8.8	7.50	7.1	8.6	7.9	8.2	7.95	6.6	7.4	6.5	7.4	6.98	6.3	6.2	6.2	7.4	6.53
EFF007_S-Electrical Conductivity (1:5) (uS/cm)	260	690	1050	940	735.00	460	700	480	1240	720.00	260	630	330	300	380.00	320	250	370	340	320.00
ENV016-Total Nitrogen (TKN + NOx)#* (mg/kg)	1230	420	460	260	592.50	910	300	630	280	530.00	1500	680	490	4810	1870.00	1360	690	400	410	715.00
S023_21A-Colwell Phosphorus (mg/kg P)	67	9.8	14	14	26.20	153	12	10	6.9	45.48	166	79	44	22	77.75	49	22	15	15	25.25
S023_42A-Chromium Reducible Sulfur* (-)	0.005	0.005	0.006	0.005	0.01	0.007	0.005	0.008	0.006	0.01	0.006	0.007	0.005	0.011	0.01	0.011	0.005	0.005	0.01	0.01
S023_11A-Emerson Aggregate Test (EAT) (-)	1	1	1	1	1.00	2	2	2	1	1.75	2	2	1	2	1.75	2	2	1	1	1.50
BE6042_OB-Total Organic Carbon(TOC)* (%w/w)	2.9	1.6	1.7	1.4	1.90	2.5	1.4	2.1	1.6	1.90	3	1.3	1.4	1.3	1.75	2.8	1.8	1.4	1.2	1.80
BE4034_OB-Sodium Absorption Ration(SAR)* #* (-)	3.58	7.97	10.04	39.09	15.17	7.77	10.58	7.25	14.87	10.12	5.52	3.65	22.5	2.3	8.49	8.97	6.41	10.67	2.31	7.09
EWI01-Sodium (Dissolved) (mg/L)	63	340	530	340	318.25	180	250	140	380	237.50	91	380	110	180	190.25	130	120	170	240	165.00
EWI01-Calcium (Dissolved) (mg/L)	17	26	30	4.6	19.40	16	16	25	38	23.75	15	64	1.4	53	33.35	11	15	11	47	21.00
EWI01-Magnesium (Dissolved) (mg/L)	3.9	68	110	0.69	45.65	15	16	2	7	10.00	3.4	460	0.25	250	178.41	3	7	5	470	121.25
EFF011S-Chloride in soil (1:5) (mg/kg)	10	99	200	94	100.75	60	33	16	110	54.75	11	91	19	21	35.50	38	35	51	43	41.75
IND041-Cadmium (Cd) (mg/kg)	0.6	0.6	0.7	0.6	0.63	0.5	0.7	0.6	0.7	0.63	0.5	0.8	0.8	0.9	0.75	0.5	0.5	0.6	0.9	0.63
IND041-Phosphorus (P) (mg/kg)	1770	255	176	150	587.75	611	197	312	219	334.75	1680	208	311	408	651.75	697	324	282	255	389.50
IND041-Sulphur (S) (mg/kg)	385	252	252	325	303.50	379	193	205	592	342.25	565	267	279	164	318.75	573	303	220	150	311.50
S023_46A-Exchangeable Calcium* (cmol+/kg)	4.09	6.1	11.51	14.67	9.09	6.05	5.46	7.14	10.24	7.22	4.28	4.48	6.85	3.89	4.88	3.16	3.03	4.68	4.86	3.93
S023_46A-Exchangeable Calcium* (mg/kg)	820	1223	2307	2940	1822.50	1212	1093	1430	2052	1446.75	857	897	1372	779	976.25	633	606	937	973	787.25
S023_46A-Exchangeable Magnesium* (cmol+/kg)	0.5	1.1	1.74	2.82	1.54	0.44	1.03	2.47	0.83	1.19	0.42	0.55	2.19	1.08	1.06	0.26	0.39	0.99	1.64	0.82
S023_46A-Exchangeable Magnesium* (mg/kg)	61	134	211	342	187.00	54	125	300	101	145.00	51	67	266	131	128.75	32	48	120	199	99.75
S023_46A-Exchangeable Sodium* (cmol+/kg)	4.44	7.74	11.28	10.91	8.59	2.99	10.26	11.35	8.6	8.30	1.28	2.04	5.62	11.14	5.02	1.32	3.48	6.4	8.58	4.95
S023_46A-Exchangeable Sodium* (mg/kg)	1020	1780	2592	2509	1975.25	687	2360	2609	1978	1908.50	293	469	1291	2562	1153.75	304	799	1470	1972	1136.25
S023_46A-Exchangeable Potassium* (cmol+/kg)	0.76	1.37	1.22	1.22	1.14	1.07	1.67	1.25	0.97	1.24	0.61	0.82	1.16	1.68	1.07	0.57	0.89	1.48	1.64	1.15
S023_46A-Exchangeable Potassium* (mg/kg)	299	535	476	478	447.00	418	653	490	379	485.00	237	322	454	656	417.25	233	347	580	642	450.50
S023_47A-Exchangeable Aluminium* (cmol+/kg)	0.21	0.3	0.57	0.9	0.50	0.21	0.38	0.41	0.45	0.36	0.15	0.17	0.28	0.35	0.24	0.12	0.17	0.31	0.32	0.23
S023_47A-Exchangeable Aluminium* (mg/kg)	18.6	27.4	51.1	81	44.53	18.5	34	36.6	40.8	32.48	13.2	15.7	25.6	31.2	21.43	10.6	15.2	27.9	29.1	20.70
S023_46A-Cation Exchange Capacity (CEC)* (cmol+/kg)	9.8	16.3	25.8	29.6	20.38	10.6	18.4	22.2	20.7	17.98	6.7	8	15.8	17.8	12.08	5.5	7.8	13.6	16.7	10.90
S023_46A-Exchangeable Sodium Percentage (ESP)* (%)	45	47	44	37	43.25	28	56	51	42	44.25	19	25	35	63	35.50	24	45	47	51	41.75
EFF005_S-EFF005S.1 Nitrite-N in soil (mg/kg)	3.8	0.1	0.1	0.1	1.03	0.1	0.1	0.1	0.1	0.10	0.1	0.1	0.1	0.1	0.10	0.1	0.1	0.1	0.1	0.10
EFF004_S-EFF004S.1 Nitrate-N in soil (mg/kg)	8.3	0.25	0.33	0.31	2.30	0.21	0.14	0.11	0.3	0.19	0.13	0.18	0.22	0.32	0.21	0.24	0.18	0.16	0.17	0.19
ENV010_S-Total Kjeldahl nitrogen* (mg/kg)	1220	420	460	260	590.00	910	300	630	280	530.00	1500	680	490	4810	1870.00	1360	690	400	410	715.00
ENV001_S-Moisture Content - Soil (%)	6.5	8.7	12.9	14.6	10.68	5.9	8.1	8	13.7	8.93	5.1	6.3	8.2	12	7.90	5.3	4.8	8.9	11.2	7.55
EFF044_S-Ammonia (mg/kg)	6.2	0.1	0.1	0.1	1.63	0.1	0.1	0.1	0.1	0.10	0.1	0.1	0.1	0.1	0.10	0.1	0.1	0.1	0.1	0.10
IND041F-Calcium - Water Soluble* (mg/kg)	72.4	151	315	476	253.60	30.8	257	816	655	439.70	14.9	390	28.3	232	166.30	5.2	33.5	93	166	74.43
IND041F-Potassium - Water Soluble* (mg/kg)	117	706	1926	961	927.50	150	271	163	183	191.75	93	1951	228	1039	827.75	80	250	791	1187	577.00
IND041F-Sodium - Water Soluble* (mg/kg)	238	963	1751	1803	1188.75	591	1387	611	1757	1086.50	314	1343	386	546	647.25	433	322	605	760	530.00
IND041F-Magnesium - Water Soluble* (mg/kg)	10.9	341	874	652	469.48	55.7	92.8	26.4	76.3	62.80	7.2	1131	85.3	474	424.38	10.7	80.6	276	525	223.08
					NT					NT					NT					NT



*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)	6.5	6.6	5.9	7.5	6.63	6.8	7	8.1	8	7.48	6.3	7.1	8.2	8.7	7.58
EFF007_S-Electrical Conductivity (1:5) (uS/cm)	340	330	250	800	430.00	420	650	940	910	730.00	720	670	1010	980	845.00
ENV016-Total Nitrogen (TKN + NOx)#* (mg/kg)	1250	540	560	690	760.00	660	560	450	360	507.50	1650	540	520	390	775.00
S023_21A-Colwell Phosphorus (mg/kg P)	105	14	11	6.1	34.03	11	8.7	7.4	6.2	8.33	215	15	81	7.6	79.65
S023_42A-Chromium Reducible Sulfur* (-)	0.011	0.011	0.008	0.01	0.01	0.012	0.01	0.006	0.011	0.01	0.005	0.008	0.008	0.007	0.01
S023_11A-Emerson Aggregate Test (EAT) (-)	2	1	1	1	1.25	1	1	2	1	1.25	2	1	2	2	1.75
BE6042_0B-Total Organic Carbon(TOC)* (%w/w)	2.8	1.6	1.6	1.3	1.83	2.1	1.6	1.4	1.3	1.60	3	1.5	1.5	1.5	1.88
BE4034_0B-Sodium Absorption Ration(SAR)* #* (-)	9.41	3.05	6.44	9.77	7.17	5.03	3.43	7.08	29.89	11.36	10.03	3.81	6.03	26.74	11.65
EWI01-Sodium (Dissolved) (mg/L)	130	250	95	250	181.25	240	360	270	290	290.00	210	230	180	260	220.00
EWI01-Calcium (Dissolved) (mg/L)	9.2	63	8.1	8.4	22.18	59	110	46	4.5	54.88	24	46	18	4.2	23.05
EWI01-Magnesium (Dissolved) (mg/L)	3.2	270	5.1	25	75.83	69	440	39	1.6	137.40	5.6	140	30	1.8	44.35
EFF011S-Chloride in soil (1:5) (mg/kg)	25	64	10	100	49.75	68	83	110	96	89.25	77	88	86	97	87.00
IND041-Cadmium (Cd) (mg/kg)	0.5	0.7	0.5	0.7	0.60	0.5	0.8	0.7	0.7	0.68	0.5	0.8	0.7	0.8	0.70
IND041-Phosphorus (P) (mg/kg)	493	214	462	153	330.50	226	171	179	151	181.75	1050	212	278	188	432.00
IND041-Sulphur (S) (mg/kg)	588	203	269	300	340.00	265	312	360	382	329.75	594	313	432	473	453.00
S023_46A-Exchangeable Calcium* (cmol+/kg)	3.61	2.98	3.32	8.54	4.61	4.5	6.3	7.3	20.4	9.63	7.7	9.3	14.3	7.3	9.65
S023_46A-Exchangeable Calcium* (mg/kg)	724	598	666	1712	925.00	901	1270	1457	4097	1931.25	1545	1864	2865	1457	1932.75
S023_46A-Exchangeable Magnesium* (cmol+/kg)	0.29	0.33	0.64	3.17	1.11	0.81	2.28	4.43	3.3	2.71	1.33	0.98	4.57	5.24	3.03
S023_46A-Exchangeable Magnesium* (mg/kg)	35	40	78	386	134.75	99	277	539	401	329.00	161	119	555	637	368.00
S023_46A-Exchangeable Sodium* (cmol+/kg)	2.87	4.79	8.2	11.14	6.75	4.22	9.21	11.15	9.63	8.55	4.64	2.83	10.17	9.71	6.84
S023_46A-Exchangeable Sodium* (mg/kg)	660	1101	1886	2560	1551.75	971	2118	2563	2214	1966.50	1067	651	2339	2233	1572.50
S023_46A-Exchangeable Potassium* (cmol+/kg)	0.82	0.95	1.51	1.15	1.11	0.69	1.1	1.01	1.2	1.00	1.2	1.06	1.29	0.76	1.08
S023_46A-Exchangeable Potassium* (mg/kg)	320	372	589	450	432.75	270	431	395	470	391.50	468	415	505	296	421.00
S023_47A-Exchangeable Aluminium* (cmol+/kg)	0.16	0.18	0.29	0.47	0.28	0.19	0.35	0.45	0.65	0.41	0.28	0.26	0.57	0.43	0.39
S023_47A-Exchangeable Aluminium* (mg/kg)	14.8	16.2	25.7	42.4	24.78	17.2	31.8	40.1	58.1	36.80	25	23.8	51	38.6	34.60
S023_46A-Cation Exchange Capacity (CEC)* (cmol+/kg)	7.6	9.1	13.7	24	13.60	10.2	18.9	23.9	34.6	21.90	14.9	14.2	30.3	23	20.60
S023_46A-Exchangeable Sodium Percentage (ESP)* (%)	38	52	60	46	49.00	41	49	47	28	41.25	31	20	34	42	31.75
EFF005_S-EFF005S.1 Nitrite-N in soil (mg/kg)	0.1	0.1	0.1	0.1	0.10	0.1	0.1	0.1	0.1	0.10	0.1	0.1	0.1	0.1	0.10
EFF004_S-EFF004S.1 Nitrate-N in soil (mg/kg)	0.13	0.14	0.25	0.44	0.24	0.1	0.2	0.28	0.38	0.24	0.63	0.33	0.41	0.45	0.46
ENV010_S-Total Kjeldahl nitrogen* (mg/kg)	1250	540	560	690	760.00	660	560	450	360	507.50	1650	540	520	390	775.00
ENV001_S-Moisture Content - Soil (%)	4.4	6.7	10.9	9.7	7.93	5.7	7.2	10.8	13.3	9.25	8.6	14.4	15.1	15.5	13.40
EFF044_S-Ammonia (mg/kg)	0.1	0.1	0.1	0.1	0.10	0.1	0.1	0.1	0.1	0.10	0.4	0.1	0.1	0.1	0.18
IND041F-Calcium - Water Soluble* (mg/kg)	8.6	214	10.3	148	95.23	246	663	457	290	414.00	13.6	375	219	115	180.65
IND041F-Potassium - Water Soluble* (mg/kg)	107	1495	109	744	613.75	1035	2896	1555	1049	1633.75	173	1538	506	259	619.00
IND041F-Sodium - Water Soluble* (mg/kg)	488	796	329	1188	700.25	729	1656	1656	1467	1377.00	797	1233	2137	2170	1584.25
IND041F-Magnesium - Water Soluble* (mg/kg)	24.7	553	29.9	558	291.40	496	1463	975	817	937.75	18.1	844	339	197	349.53
					NT					NT					NT