

Effluent Test Results

Customer: Example
 Sample Date: 29/04/2010
 Sample Name: Effluent Irrigation
 Lab. No. 100442
 Test Type: Effluent Analysis



	Unit	Level found	Kg/Megalitre
Ammonium Nitrogen	mg/L	93.27	93.27
Nitrate Nitrogen	mg/L	1.16	1.16
Boron	mg/L	0.86	0.86
Calcium	mg/L	230.40	230.40
Chloride	mg/L	1445.73	1445.73
Copper	mg/L	4.91	4.91
Iron	mg/L	10.44	10.44
Magnesium	mg/L	257.50	257.50
Manganese	mg/L	1.31	1.31
Phosphorous	mg/L	34.63	34.63
Potassium	mg/L	2002.00	2002.00
Sodium	mg/L	601.50	601.50
Sulphur	mg/L	75.24	75.24
Zinc	mg/L	1.10	1.10
Conductivity	dS/m	9.830	
pH		7.98	

Estimated Effluent Application Rate Analysis (kilograms/hectare)

Application Rate (mm)	Litres per Hectare	Nitrogen	Phosphorus	Potassium	Calcium	Magnesium	Salt (NaCl)
5	50,000	5	2	100	12	13	102
10	100,000	9	3	200	23	26	205
15	150,000	14	5	300	35	39	307
20	200,000	19	7	400	46	52	409
25	250,000	24	9	501	58	64	512
30	300,000	28	10	601	69	77	614
35	350,000	33	12	701	81	90	717
40	400,000	38	14	801	92	103	819
45	450,000	42	16	901	104	116	921
50	500,000	47	17	1001	115	129	1024
55	550,000	52	19	1101	127	142	1126
60	600,000	57	21	1201	138	155	1228
65	650,000	61	23	1301	150	167	1331
70	700,000	66	24	1401	161	180	1433
75	750,000	71	26	1502	173	193	1535
80	800,000	76	28	1602	184	206	1638
85	850,000	80	29	1702	196	219	1740
90	900,000	85	31	1802	207	232	1843
95	950,000	90	33	1902	219	245	1945
100	1,000,000	94	35	2002	230	258	2047

All tests are performed in a NATA accredited laboratory

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