

Effluent Test Results

Customer:	Example
Sample Date:	22/08/17
Sample Name:	Dairy Effluent
Lab. No.	170624
Test Type:	Effluent Analysis



	Unit	Level found	Kg/Megalitre
Ammonium Nitrogen	mg/L	171.5	171.5
Nitrate Nitrogen	mg/L	0.2	0.2
Boron	mg/L	0.1	0.1
Calcium	mg/L	59	59
Chloride	mg/L	304	304
Copper	mg/L	0.08	0.08
Iron	mg/L	1.5	1.5
Magnesium	mg/L	39	39
Manganese	mg/L	0.49	0.49
Phosphorous	mg/L	46	46
Potassium	mg/L	263	263
Sodium	mg/L	141	141
Sulphur	mg/L	24.9	24.9
Zinc	mg/L	0.16	0.16
Carbonate	mg/L	0	0
Bicarbonate	mg/L	1080	1080
Conductivity	dS/m	3.2	
pH		7.7	
Sodium Absorption Ratio		4.0	

Fertiliser Equivalent (kilograms per megalitre)

Potash (Potassium) 525	Single Super (Phosphorus) 519	Urea (Nitrogen) 373
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Estimated Effluent Application Rate Analysis (kilograms/hectare)

Application Rate (mm)	Litres per Hectare	Nitrogen	Phosphorus	Potassium	Calcium	Magnesium	Salt (NaCl)
5	50,000	9	2	13	3	2	22
10	100,000	17	5	26	6	4	44
15	150,000	26	7	39	9	6	65
20	200,000	34	9	53	12	8	87
25	250,000	43	11	66	15	10	109
50	500,000	86	23	131	30	20	218
100	1,000,000	172	46	263	59	39	436

All tests are performed in a ASPAC accredited laboratory

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