

Australian Perry Agricultural Laboratory



Customer:
ABC FARMS

Advisor:
APAL - Phil Barnett

Sample Name:
BACK Paddock

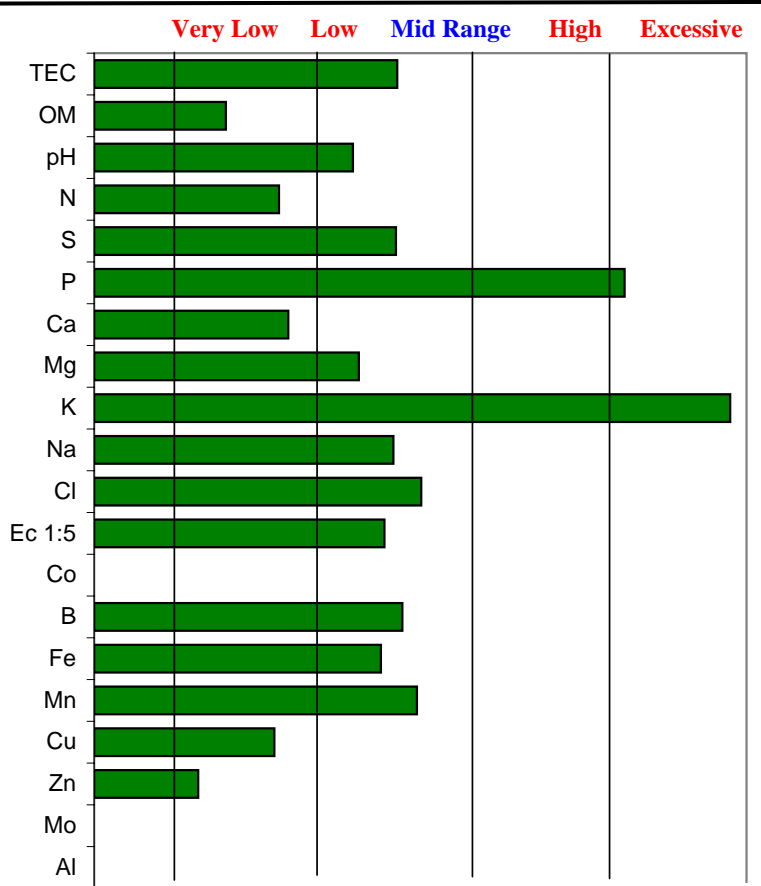
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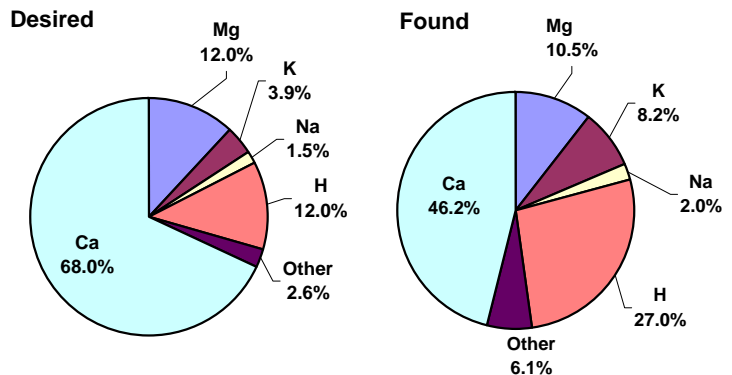
Lab No.: C0108

Date: 16-Jun-08

	Unit	Desired Level	Level Found
Total Exchange Capacity (TEC)		12-25	13.96
Colloidal Organic Matter %		4.0 - 6.0	1.90
pH (Water)		6.0 - 6.5	5.60
Anions			
Nitrogen (N)	kg/ha	90 - 120	60
NO 3	ppm		7.7
NH 3	ppm		4.8
Sulphate (S)	ppm	20 - 30	30
Phosphorus (Olsen)	ppm	18-28	32
Phosphorus (Bray 2)	kg/ha	123	237
<i>Deficit</i>	kg/ha	Units P	0
Phosphate Recovery	%	100	80
Cations			
Calcium (Ca)	Desired	ppm	kg/ha
	Found	1897	4263
	<i>Deficit</i>	1289	1366
Magnesium (Mg)	Desired	201	451
	Found	175	393
	<i>Deficit</i>		58
Potassium (K)	Desired	211	474
	Found	445	999
	<i>Deficit</i>		0
Sodium(Na)	Found	63	141
Chlorides (Cl)	ppm	<250	216.0
Salinity EC 1:5	dS/m	<0.15	0.11
Trace Elements			
Cobalt (Co)	ppm	>1.5	*
Boron (B)	ppm	>0.8	0.99
Iron (Fe)	ppm	100 - 400	130.00
Manganese (Mn)	ppm	80 - 140	125.00
Copper (Cu)	ppm	>2.0	1.30
Zinc (Zn)	ppm	>8.0	3.00
Molybdenum (Mo)	ppm	0.8 - 2.0	*
Aluminium (Al)	ppm	<2.0	*
Base Saturation %			
Ca:Mg RATIO		5.67	4.40
Calcium	% Ca	68.0	46.20
Magnesium	% Mg	12.0	10.50
Potassium	% K	3.9	8.20
Sodium	% Na	1.5	2.00
Other Bases	%	2.6	6.10
Exchangeable Hydrogen	% H	12.0	27.00



Base Saturation Percentages



Additional Comments:

The following show the kg/ha of deficient elements required to bring the soil to the ideal level:

PHOSPHORUS	nd	BORON	nd	COBALT	n req
MAGNESIUM	116	IRON	nd	MO	n req
POTASSIUM	nd	MANGANESE	nd		
CALCIUM	1366	COPPER	1.4		
SULPHUR	nd	ZINC	10.0		

* This test is available but not requested by client.

nd = not deficient

n req = not requested