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ROCHESTER Tel. (03) 5484 3844; Fax. (03) 5484 3678 – Lot 6, Kyabram Rd., 3564

Soil Test Report

Wheat

Grower Name	Example	**Date of Report**	1-Mar-06
Paddock Name	Example	**Sampling Depth**	10cm
Crop	Wheat	**Paddock Size**	40ha
Variety	H45		

Test		Result			Guide	Target Range*
pH (water)		**6.3**			**Slightly acidic**	6.5 to 7
pH (CaCl2)		**6**			**Slightly acidic**	5.5 to 6.0
Nitrate Nitrogen		**30**	mg/kg		**Moderate**	>25
Sulphur	MCP	**8**	mg/kg		**Slightly low**	8 to 14
Chloride		**100**	mg/kg		**Low**	<180
Copper	DTPA	**0.3**	mg/kg		**Tissue test recommended**	>0.4
Zinc	DTPA	**2**	mg/kg		**Acceptable**	>0.8
Manganese	DTPA	**30**	mg/kg		**Acceptable**	2 to 40
Iron	DTPA	**300**	mg/kg		**Acceptable**	2 to 400
Phosphorus	Colwell	**20**	mg/kg		**Low**	40 to 70
Total Cation Exchange Capacity						
Potassium	Amm-acet	**0.3**	meq/100g	**5%**	**Marginal**	.26 to .4
Calcium	Amm-acet	**4**	meq/100g	**62%**	**Acceptable**	55% to 80%
Magnesium	Amm-acet	**1.8**	meq/100g	**28%**	**High**	6% to 25%
Sodium	Amm-acet	**0.3**	meq/100g	**5%**	**Low & harmless**	<0.8
Aluminium	KCL	**0.1**	meq/100g	**2%**	**Acceptable**	<0.22
CEC		**6.5**	meq/100g			
Organic Carbon		**2**	%		**Normal**	1.4 to 2.5
Sodium % of cations		**5**	%		**Marginal**	<5%
Aluminium saturation		**2**	%		**Acceptable**	<5%
EC	dS/m	**2**			**Acceptable**	<6
Ca:Mg Ratio		**1.8**			**Low**	2 to 6
Optional						
Phosphorus Buffer Index (PBI-Col)		**70**			**Low**	80 to 170

* Target range is based on nutritional requirements for a 4t/ha yield given normal annual rainfall. It is a guide only.

Paddock History	**Last year**	**2 yrs ago**	**3 yrs ago**
Crop			
Lime Applied			
Gypsum Applied			

Note - Test results are supplied by an accredited lab. All other information should be used as a guide only. All results must be discussed with an IK Caldwell Agronomist.

Recommendation

Nplus Opti-Crop

Agronomist Signature