

AUSTRALIAN PERRY AGRICULTURAL LABORATORY

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Members AIAST, AAAC

Date: **39612.00** Reporting Consultant: **APAL**
Crop: **Wheat**
Sample ID: **Front Paddock** Client's Name: **ABC Farming**

RATIOS BETWEEN ELEMENTS					
	DESIRED			FOUND	
N/P	8.41	parts to 1		11.65	parts to 1
K/P	9.09	parts to 1		9.68	parts to 1
Ca/P	1.50	parts to 1		1.58	parts to 1
N/K	0.93	parts to 1		1.20	parts to 1
N/Ca	5.61	parts to 1		7.37	parts to 1
K/Mg	19.05	parts to 1		9.38	parts to 1
N/Ca & K/Mg	0.29	parts to 1		0.79	parts to 1
N/Mg	17.62	parts to 1		11.28	parts to 1
P/Mg	2.10	parts to 1		0.97	parts to 1
N/S	11.08	parts to 1		17.19	parts to 1

COMMENTS & RECOMMENDATIONS

GENERAL

Nitrogen is good so continue with the present program. All other major elements except potassium are at good levels. Sodium and chlorides are elevated and the high Na may be suppressing uptake of K so foliar will be important to achieve good yields. Trace elements manganese, copper and zinc all need attention

FERTILISER AND SOIL AMENDMENTS

Test the soil and broadcast any fertiliser and calcium (Lime, Gypsum or Dolomite) required.

Nitrogen: Continue with present program

General Foliar: the elements below can be added to a good general foliar product. Find one with a phosphorus base and use at recommended rates.

FOLIAR RECOMMENDATIONS: Apply per hectare as a foliar in slow drying conditions. Late afternoon is ideal. Repeat at early flowering for optimum grain production

GENERAL FOLIAR (Phos based)	Recommended Rates
POTASSIUM NITRATE	4.00 kg
COPPER SULPHATE	0.50 kg
ZINC SULPHATE	2.00 kg
MANGANESE SULPHATE	1.50 kg
MOLASSES	3.00 L

Commercial formulations
can be used to replace
any of these elements

Mix thoroughly before adding to spray tank. Clean gear following use. Do not leave over night