

# AUSTRALIAN PERRY AGRICULTURAL LABORATORY

PO Box 327, 489 The Parade, Magill SA 5072  
Tel: 08 8332 0199 Fax: 08 8361 2715 Email: info@apal.com.au

## 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