

AUSTRALIAN PERRY AGRICULTURAL LABORATORY

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Members AIAST, AAAC

Date: **39539**
Crop: **Olive**
Sample ID: **BLK 1**

Reporting Consultant: **Phil Barnett**

Client's Name: **ABC OLIVES**

	RATIOS BETWEEN ELEMENTS				
	DESIRED			FOUND	
N/P	6.67	parts to 1		10.49	parts to 1
K/P	4.00	parts to 1		6.89	parts to 1
Ca/P	5.00	parts to 1		8.56	parts to 1
N/K	1.67	parts to 1		1.52	parts to 1
N/Ca	1.33	parts to 1		1.22	parts to 1
K/Mg	2.40	parts to 1		7.05	parts to 1
N/Ca & K/Mg	0.56	parts to 1		0.17	parts to 1
N/Mg	4.00	parts to 1		10.73	parts to 1
P/Mg	0.60	parts to 1		1.02	parts to 1
N/S	5.00	parts to 1		9.61	parts to 1

COMMENTS & RECOMMENDATIONS

GENERAL

Nitrogen levels are good so continue with the present program. All other major elements are reasonable except sulphur which is marginal. Potassium is marginally high so don't add extra in the fertiliser program - if levels become too high it can lead to fruit drop.

Sodium and chlorides are low so there is no problem with salinity at this stage.

In the trace elements, zinc and manganese are good while copper is very high - the high reading is probably due to the use of copper fungicides and will not be a problem.

Boron is in the acceptable range but I would like to see levels closer to the target especially close to flowering and fruit set so add to foliars.

Nutrients can be maintained with a regular foliar spray.

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.

GENERAL FOLIAR (Phos based)	Recommended Rates
SOLUBOR BORON (20%)	1.00 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