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CONSULTANT:
ABC PASTORAL CO

DATE: 16-Jun-08

FERTILISER RECOMMENDATION

SAMPLE:	RIVER PDK	CLIENT:	A FARMER	Lab No	D0019
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BASE FERTILISER . . .	APPLY KG/HA	KG/TONNE (1/t.mix)	(% of ele) (in base)	
BORAX (10%)	5	23	0.23%	B
ZINC SULPHATE (36%)	8	38	1.20%	Zn
SUPERPHOSPHATE	200	939		
Total kg per Hectare	213	1000		

One tonne will treat approx. 4.69 Hectares
Total tonne/s required = total hectares divided by 4.69

To fit your budget the total tonnes ordered can be altered and applied at a reduced rate without affecting the balance of elements.

LIME -Total deficiency per hectare (For application rate see below)	2.1 Tonne/s
GYPSUM APPLICATION - - Apply per hectare	0.5 Tonne/s

There are wide variations in the quality of calcium sources (Lime, Dolomite & Gypsum) which will affect their reaction in your soil.
Seek local advice and ask for quality tests (% of calcium & ENV) from suppliers, and adjust rates and materials used accordingly.

COMMENTS:

The major limiting factors here are the low Phosphorus, Calcium, Boron, Zinc and excess Magnesium.
Additional lime may be needed but this depends on how long it is since you broadcast the last lot. If recent (this year) wait until next year and retest to see where calcium levels have ended up.
Broadcast some gypsum before winter to supply both calcium and sulphur.

PROGRAM

Gypsum: Apply prior to the winter rains.

Fertiliser: Apply in the spring

Foliar Application: Apply as a foliar to the freshly growing pasture the following per hectare. This will improve pasture quality and stock performance. Magnesium sulphate 3kgs, Solubor boron 1kg, copper sulphate 0.2kgs & cobalt sulphate 0.1kg.

Pasture analysis: Take a sample when the pasture is showing good growth. From this special foliar applications will be formulated.

Lime Apply this summer (Only if none broadcast this year)
Use a low magnesium or magnesium free lime.