

Kinsey Agricultural Services, Inc.

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Client: ECOGENT HEALTHY SOIL SERVICES / P. F.

City : CAMBRIDGE, NEW ZEALAND

Date : 12-Nov-10

Location		MR SAMPLE		Previous Analyses & Applications						
Crop		Paddock 3								
Field / Sample		C0024								
Lab No.		15.09								
Total Exchange Capacity (M.E.)		68 : 12								
Desired Ca : Mg, Percent		6.2								
pH of Soil Sample		7.0								
Humus Content_Percent										
BASE SATURATION PERCENT										
Calcium (60 to 70%)		66.27								
Magnesium (10 to 20%) } 80%		10.71								
Potassium (2 to 5%)		4.32								
Sodium (.5 to 3%)		1.48								
Other Bases (Variable)		5.22								
EXCHANGEABLE HYDROGEN (10 to 15%)		12.00								
				RECOMMENDATIONS						
ANIONS	NITROGEN	ENR Value	123	Amendment	kg/ha	kg/ha	kg/ha	kg/ha	kg/ha	
				AS NEEDED						
	SULFATE - S	Value Found	16	SULFUR 90-92% (a)	84					
PHOSPHATES	Desired Value	336	DAP 18-46-0	280						
	as (P2O5)	Value Found								680
		Deficit/Surplus	+344							
CATIONS	CALCIUM	Desired Value	4600							
		Value Found	4483							
		Deficit/Surplus	-117							
	MAGNESIUM	Desired Value	488							GOLDEN DOLOM #333 (b)
	Value Found	435								
	Deficit/Surplus	-53								
POTASSIUM	Desired Value	365	POTASSIUM SULFATE	224						
	Value Found	571								
	Deficit/Surplus	+206								
SODIUM	Desired Value	78								
	Value Found	115								
	Deficit/Surplus	+37								
TRACESES	Boron	p.p.m.	0.76	BORON 14.3%	17					
	Iron	p.p.m.	398							
	Manganese	p.p.m.	70							
	Copper	p.p.m.	1.00	CU SULFATE 23%	22	(Or 5.6 kg/ha per year for 4 years.)				
	Zinc	p.p.m.	4.00	ZINC SULFATE 36%	39					
NOTES	(a) Sulfur applications including sulfate form of 56 kg/ha or more need to be applied at least 6 months prior to next soil sampling.									
	(b) Lime recommendation based on assumption that previous material was applied as shown.									

A service of Kinsey's Agricultural Services : Checked by _____CF_____

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ALL RECOMMENDATIONS ARE TO BE SOIL-APPLIED AND BROADCAST UNLESS OTHERWISE SPECIFIED