

Location		PERMANENT PASTURE / PERMANENT PASTURE			Previous Analyses & Applications							
Crop		C0046			1/9/2008							
Field / Sample		14.44			14.82							
Lab No.		68 : 12			6.7							
Total Exchange Capacity (M.E.)		6.2			6.5							
Desired Ca : Mg, Percent		6.2										
pH of Soil Sample		6.2										
Humus Content, Percent		6.2										
BASE SATURATION PERCENT					%		%		%			
Calcium (60 to 70%)		65.24			72.69							
Magnesium (10 to 20%) } 80%		11.54			11.39							
Potassium (2 to 5%)		5.04			5.89							
Sodium (.5 to 3%)		0.99			0.84							
Other Bases (Variable)		5.19			4.69							
EXCHANGEABLE HYDROGEN (10 to 15%)		12.00			4.50							
		RECOMMENDATIONS										
ANIONS	NITROGEN		Amendment		Lbs/Acre		NOTE: If the pasture mix contains at least 1/3 or more of well-nodulated legumes, recommended Nitrogen other than that from the 11-52-0 is not considered as essential.					
	Lbs/Acre	ENR Value	106	PROTEIN MEAL 11% N (a)	250							
				PROTEIN MEAL 11% N (b)	375							
	SULFATE - S		Sulfur		Lbs/Acre		Val Found					
	p.p.m.	Value Found	39	SULFUR 90-92%	25		12					
	PHOSPHATES		MAP		Lbs/Acre		Val Found					
	as (P2O5)	Desired Value	500	MAP 11-52-0	250		146					
	Lbs/Acre	Olsen Value	168									
		Value Found	-332									
		Deficit/Surplus										
CATIONS	CALCIUM		NONE (c)		Lbs/Acre		Amend added					
	Lbs/Acre	Desired Value	3928				CALCARB-11/07	2000	CALCARB-11/06	500	CALCARB-11/05	500
		Value Found	3768									
		Deficit/Surplus	-160									
	MAGNESIUM				Lbs/Acre							
	Lbs/Acre	Desired Value	416									
		Value Found	400									
		Deficit/Surplus	-16									
	POTASSIUM		POT. SULFATE 0-0-50		Lbs/Acre							
	Lbs/Acre	Desired Value	563		200							
		Value Found	568									
		Deficit/Surplus	+5									
	SODIUM				Lbs/Acre		P.P.M					
	Lbs/Acre	Desired Value	66									
		Value Found	66									
		Deficit/Surplus	-0									
TRACESES	Boron		BORAX 11%		p.p.m.		0.48					
		p.p.m.	1.49		400							
	Iron		FE SULFATE 21% (d) (e)		p.p.m.		34					
		p.p.m.	52									
	Manganese		NONE		p.p.m.		232					
		p.p.m.	165									
Copper		CU SULFATE 23%		p.p.m.		0.80						
	p.p.m.	1.00		20								
Zinc		NONE		p.p.m.		21.80						
	p.p.m.	24.40										
	Molybdenum		OK		p.p.m.		1.03					
	Lbs/Acre	1.88										
NOTES	(a) Such as alfalfa, feather, fish, blood, etc. Apply before new growth begins.											
	(b) Such as alfalfa, feather, fish, blood, etc. Apply in early August if fall growth is expected..											
	(c) Lime recommendation based on assumption that previous material was applied as shown.											
	(d) Ferrous Sulfate - should only use the white or blue-green in color, black or rust colored is never recommended. CAUTION: Apply so as to avoid getting the dust from the material on the leaves of actively growing plants.											
	(e) CAUTION: Only apply at this rate if yellowing or stunting is evident now or in past crops, otherwise use on a small test plot to establish need or test subsoil for Iron levels.											

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