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 Soil Mineralization–Nutrient Balancing
 Product Resourcing–Education & Training

Organic & NON-GMO Crop Advisors

Lab Results				General Notes:			
Customer:				<i>Pasture Paddock -01</i>			
Sample Area:							
Present Crop: 16 Pasture 17 Pasture Location: <u>Field: Pasture-1</u> <u>Sample: 01</u>							
				Report Date: February 23, 2017			
Base Saturation	Lab No.: >>	8	Readings		Nutrient Range	Soil Corrective Measures: The numbers represent the order in which soil amendments should be applied. They assist directly and indirectly as fertilizer for the Crop. <div style="text-align: center;"> </div>	
	Plot ID: >>	J	Ideal	Sample			
	Total Exchange Capacity (M.E.)		7.22				
	Soil pH (H2O)	6.4	5.90	5			
	Humus Content %	5 to 8	2.90	5			
	% Range						
	Calcium 60 to 70 %	66	54.02	5			
	Magnesium 10 to 20 %	14	14.60	2			
	Potassium 2 to 7.5 %	5	7.05	2			
	Sodium .5 to 3%	1	0.66	4			
Other Bases Variable		5.67					
Hydrogen 0 to 15 %	9	18.00	1				
ANIONS	Nitrogen Desired Value	100-125			Soil Corrective Measures: Humates 35% 3 21-0-0-24 8 <i>Can add 21-0-0-24 to Dry Blend listed below.</i> Elemental Sulfur 90% 3 <i>Apply 0.5 lb/ac Crop Recycle and 2 gal/ac of Organic Gem Fish to help breakdown Crop Residue, manure, and old bedding.</i> MAP 11--52--0 2 OR...DAP 18--46--0 or 2		
	Lbs. / Acre ENR Value		78	5			
	Sulfate - S Desired Value	50-100					
	p.p.m. Value Found		4	5			
	Phosphate Desired Value	400-700	500				
	as (P2O5) Value Found		54	5			
Lbs. / Acre Deficit/Surplus	>>>>>	(446)					
Olsen Value	125-200						
CATIONS	Calcium Desired Value		1906		Pelletized Ca Ag Lime 1 Dolomitic Ag Lime 1a Gypsum/Super Cal-SO4 1b K-Mag 0-0-22-11mg-22s 5 NO POTASSIUM!! <i>Blend the K-Mag(75 lb/ac) Elemental Sulfur, Humates, MAP, Boron, Manganese & Zinc. Apply half in spring, and half in September/October.</i>		
	Lbs. / Acre Value Found		1560	5			
	Deficit/Surplus	>>>>>	(346)				
	Magnesium Desired Value		243				
	Lbs. / Acre Value Found		253	2			
	Deficit/Surplus	>>>>>	10				
	Potassium Desired Value		338				
	Lbs. / Acre Value Found		397	2			
	Deficit/Surplus	>>>>>	59				
	Sodium Desired Value		33				
Lbs. / Acre Value Found		22	4				
Deficit/Surplus	>>>>>	(11)					
TRACES	Boron >0.80 - <2.00	1.5 - 1.8	0.34	5	Sol U Bor 4 Manganese Sulfate 28% 6 Copper Sulfate 25.2% Zinc Sulfate 35.5% 7		
	Iron >100	200 +	983.38	3			
	Manganese >40 - <250	125 +	44.53	4			
	Copper >2.0 - <10.0	6	2.20	4			
	Zinc >6.0 - <20.0	12 - 17	8.70	4			
	Traces ppm Range						
Range:		1 = Extremely Excessive	2 = Excessive	3 = Optimum	4 = Minimal	5 = Deficient	