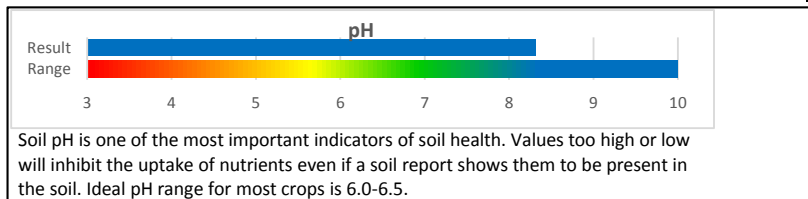




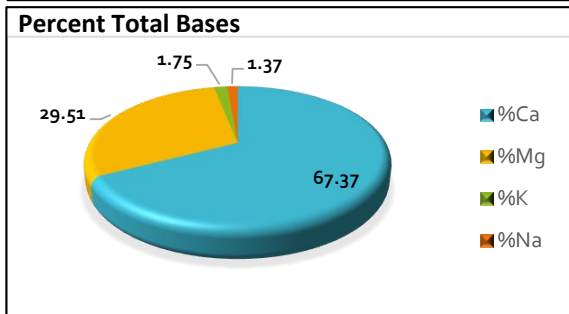
400 South Main St.
Kittitas, Wa 98934
(509)-968-9595
manager@agtestllc.com

Date Received:
Customer:
Grower:
Sample Name: 0
Sample Depth: 24"
Test Number: 3
Lab Number: 0

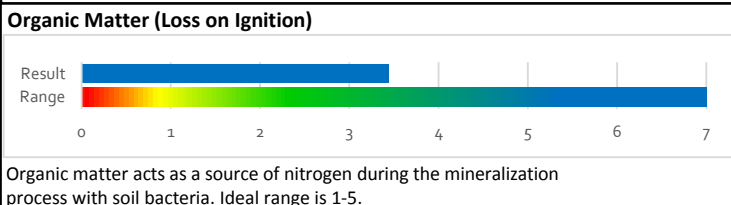
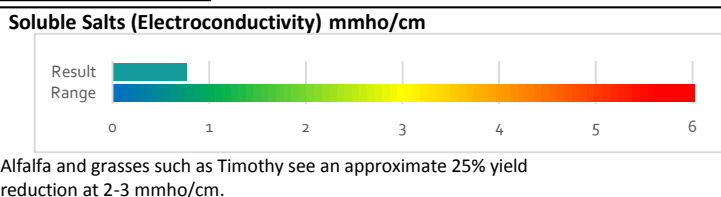
Quick Stats



Cation Exchange Capacity 29.71	
Soil Texture	Total meq/100g
Sand	0-6
Sandy Loam	5-10
Loam	9-18
Silt Loam	15-25
Clay	>25



Part of cation exchange capacity, this measures the ratio of the base cations to one another. Ideal ranges are roughly 50-70% Ca, 5-20% Mg, and 2-4% K. Ideal ratios should be Ca:Mg around 5, K:Na should always be greater than 1.



Detailed Results		Crop	Corn Silage	Cuttings	1	Yield Goal (ton/acre)	20.00
Analyte	Method: Extract/Analysis	Result	Unit	lbs./acre depth	Interperetation	Recommendation	
Bulk Density	Gravimetric	5.18	mil. lbs/acre depth				
pH	1:1 Water	8.32	n/a		Moderately Basic		
Soluble Salts	1:1 Water	0.768	mmoh/cm		Non-Saline	ENROM Credit	
Org. Matter	LOI	3.44	%		Medium High	lbs N/acre 150.0	
NO ₃ -N	Ca-PO ₄ /Cd. Rd. FIA	74.64	ppm	386.6		Requirement (lb.)	Recommendation
NH ₄ -N	KCl/Salycilate FIA	4.77	ppm	24.7		194.0	
SO ₄ -S	DTPA/ICP-OES	22.68	ppm	117.5	High	22.0	
PO ₄ -P	Olsen/ICP-OES	17.83	ppm	92.4	Medium	27.3	
Calcium	NH ₄ OAc/ICP-OES	20.0	meq/100g	20733.5	High		
Magnesium	NH ₄ OAc/ICP-OES	8.8	meq/100g	8626.5	High		
Potassium	NH ₄ OAc/ICP-OES	202.4	ppm	1048.6	Medium	121.2	21
Sodium	NH ₄ OAc/ICP-OES	0.43	meq/100g	486.5	Sufficient		
Boron	DTPA/ICP-OES	0.59	ppm	3.06	Medium Low		
Copper	DTPA/ICP-OES	2.72	ppm	14.09	High		
Iron	DTPA/ICP-OES	37.26	ppm	193.01	High		
Manganese	DTPA/ICP-OES	2.15	ppm	11.14	Medium Low		
Zinc	DTPA/ICP-OES	0.55	ppm	2.85	Low		

Notes: Potassium Recommendation for removal and to maintain K:Na ratio >1.

Disclaimer: Every effort will be taken to provide an accurate analysis of the sample provided. For reasonable cause, we will repeat the tests but, because of factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guidelines and should be modified to specific conditions and situations.

Reported By: Nick Winfrey, AgTest LLC