

**2010 SOIL TEST RESULTS**

**Western Laboratories, Inc.**  
 211 Highway 95 • P.O. Box 1020 • Parma, ID 83660  
 800-658-3858 • FAX 208-722-6550  
<http://www.westernlaboratories.com>

Dealer: 0-00 Mark Olson  
 Reported: 5-10-2010  
 Test #: 1  
 Grower: Glen Elzinga AlderSpring  
 Field ID: Downton West

Lab #:
5436
SV #:

**AGRICULTURAL SOIL REPORT**

						PARTS PER MILLION-PPM				
pH WATER	pH CaCl <sub>2</sub>	pH SMP BUFFER	SOLUBLE SALTS (EC)	LIME	% OM	NITRATE	AMMONIUM	PHOSPHORUS		
						NO <sub>3</sub> -N (PPM)	NH <sub>4</sub> -N (PPM)	P(PPM)	P BRAY	P INDEX
7.6	7.1		0.29	0	2.45	11	11	6		100
<b>EVALUATION</b>										
Slightly Basic			Normal	Good	Low	Adequate	Adequate	Very Low		
<b>POUNDS PER ACRE</b>										
						33	33	18		

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Dealer: 0-00 Mark Olson  
 Reported: 5-10-2010  
 Test #: 1  
 Grower: Glen Elzinga AlderSpring  
 Field ID: Pump Arch

Lab #:
5435
SV #:

**AGRICULTURAL SOIL REPORT**

						PARTS PER MILLION-PPM				
pH WATER	pH CaCl <sub>2</sub>	pH SMP BUFFER	SOLUBLE SALTS (EC)	LIME	% OM	NITRATE	AMMONIUM	PHOSPHORUS		
						NO <sub>3</sub> -N (PPM)	NH <sub>4</sub> -N (PPM)	P(PPM)	P BRAY	P INDEX
8.1	7.6		0.78	L	2.30	16	11	19		100
<b>EVALUATION</b>										
Moderately Basic			Normal	Good	Low	Adequate	Adequate	Low		
<b>POUNDS PER ACRE</b>										
						48	33	57		











Account No.: 1290  
 Invoice No.:  
 Date Recd: 10/14/2022  
 Date Repd: 10/18/2022

Name: GLENN ELZINGA  
 Company: ALDERSPRING RANCH  
 Address: 7073 CUSTER RD  
 City, State, ZIP: MAY, ID 83253

Grower: GLENN ELZINGA  
 Field ID: A 10 T JACK  
 Sample ID 1: -  
 Sample ID 2:  
 Sample Depth: 0-6

**HANEY SOIL HEALTH ANALYSIS**

Lab #	Nitrogen									Phosphorus					
	H3A Extract			H2O Extract						H3A Extract					
	Nitrate ppm NO3-N	Ammonium ppm NH4-N	Inorg. N ppm N	Total N ppm N	Org. N ppm N	Org. N: Inorg. N	Org. N Rel. ppm N	Org. N Res. ppm N	Avail. N lbs/A	Total P ppm P	Inorg. P ppm PO4-P	Org. P ppm P	Org. P Rel ppm P	Org. P Res. ppm P	Avail. P lbs/A
18897	8.2	4.5	12.7	17.3	44.6	3.53	44.6	0.0	103.1	24.2	19.4	4.8	4.8	0.0	15.6
Rank															

Lab #	Other Soil Measures					Fertility									
						H3A Extract									
	Soil pH	Buffer pH Mod. WDRF	Soluble Salt mmho/cm	Excess Lime	Soil OM % LOI	Potassium ppm K	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Manganese ppm Mn	Iron ppm Fe	Copper ppm Cu	Aluminum ppm Al	Sulfur ppm S
18897	7.9	-	0.63	NONE	17.7	212	2102	477	62	0.15	3.2	25	0.10	30	136.92
Rank															

Lab #	Soil Health					Nitrogen Comparison				Reviewer Comments
	H2O Extract					Traditional N lbs/A	Haney N lbs/A	Differ. N lbs/A	Savings N lbs/A	
	Soil Resp. ppm CO2-C	Org. C ppm C	MAC %	C:N	SHC					
18897	838.8	604	138.8	13.53	58.49	20% Legume 80% Grass	34.7	103.1	68.5	91.99
Rank										



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**HANEY SOIL HEALTH ANALYSIS**

Lab #	Nitrogen									Phosphorus					
	H3A Extract			H2O Extract						H3A Extract					
	Nitrate ppm NO3-N	Ammonium ppm NH4-N	Inorg. N ppm N	Total N ppm N	Org. N ppm N	Org. N: Inorg. N	Org. N Rel. ppm N	Org. N Res. ppm N	Avail. N lbs/A	Total P ppm P	Inorg. P ppm PO4-P	Org. P ppm P	Org. P Rel ppm P	Org. P Res. ppm P	Avail. P lbs/A
18898	8.6	2.9	11.6	46.8	35.2	3.05	35.2	0.0	84.2	31.0	26.8	4.2	4.2	0.0	71.3
Rank															

Lab #	Other Soil Measures					Fertility									
						H3A Extract									
	Soil pH	Buffer pH Mod. WDRF	Soluble Salt mmho/cm	Excess Lime	Soil OM % LOI	Potassium ppm K	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Manganese ppm Mn	Iron ppm Fe	Copper ppm Cu	Aluminum ppm Al	Sulfur ppm S
18898	7.9	-	0.32	NONE	5.1	74	1203	324	48	0.29	2.2	21	0.08	190	15.39
Rank															

2019'S RESULTS NOT INCLUDED AS THOSE NUMBERS WERE NOT USED IN CARBON SEQUESTRATION CALCULATIONS.