

A & L WESTERN AGRICULTURAL LABORATORIES

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REPORT NUMBER: 21-091-038

CLIENT NO: 3127-M

SEND TO: GRANGE CO-OP
P.O. BOX 3637
CENTRAL POINT, OR 97502-

SUBMITTED BY: GRANGE CO OP

GROWER: HOZN CREEK FARM

DATE OF REPORT: 04/05/21

SOIL ANALYSIS REPORT

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SAMPLE ID	LAB NUMBER	Organic Matter		Phosphorus		Potassium	Magnesium	Calcium	Sodium	pH		Hydrogen	Cation Exchange Capacity	PERCENT CATION SATURATION (COMPUTED)					
		*	**	P1	NaHCO ₃ -P	K	Mg	Ca	Na	Soil pH	Buffer Index	H		C.E.C.	K %	Mg %	Ca %	H %	Na %
		% Rating	ENR lbs/A	(Weak Bray) **** *	(Olsen Method) **** *	**** *	**** *	**** *	**** *	**** *	ppm	ppm	ppm	ppm	meq/100g	meq/100g			
ZN56	50584	6.0VH	150	40VH	22H	54L	302M	1818H	35L	6.6	7.2	0.8	12.6	1.1	19.7	72.0	6.0	1.2	
ZN4	50585	1.9L	69	115VH	47VH	121	64	662	8	6.4	7.3	0.4	4.6	6.7	11.4	72.1	9.0	0.7	
ZN23	50586	2.8M	86	58VH	30VH	64M	163M	1130VH	20L	7.1	7.3	0.0	7.2	2.3	18.5	78.0	0.0	1.2	
S.FLD	50587	3.4M	98	14L	13**	94M	214M	1130M	16VL	6.0	7.0	1.4	9.1	2.6	19.4	62.2	15.0	0.8	

** NaHCO₃-P unreliable at this soil pH

SAMPLE NUMBER	Nitrogen NO ₃ -N ppm	Sulfur SO ₄ -S ppm	Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Excess Lime Rating	Soluble Salts mmhos/cm	Chloride Cl ppm	PARTICLE SIZE ANALYSIS			
											SAND %	SILT %	CLAY %	SOIL TEXTURE
ZN56	5L	14M	1.9M	2L	50VH	1.1M	0.5L	L	0.4L					
ZN4	6L	12M	1.4M	2L	16M	0.4L	0.2VL	L	0.4L					
ZN23	5L	5L	6.4VH	2L	19H	3.8VH	0.4L	L	0.4L					
S.FLD	7L	3VL	1.5M	6M	73VH	2.1H	0.4L	L	0.2VL					

* CODE TO RATING: VERY LOW (VL), LOW (L), MEDIUM (M), HIGH (H), AND VERY HIGH (VH).

** ENR - ESTIMATED NITROGEN RELEASE

*** MULTIPLY THE RESULTS IN ppm BY 2 TO CONVERT TO LBS. PER ACRE OF THE ELEMENTAL FORM

**** MULTIPLY THE RESULTS IN ppm BY 4.6 TO CONVERT TO LBS. PER ACRE P₂O₅

***** MULTIPLY THE RESULTS IN ppm BY 2.4 TO CONVERT TO LBS. PER ACRE K₂O

MOST SOILS WEIGH TWO (2) MILLION POUNDS (DRY WEIGHT) FOR AN ACRE OF SOIL 6-2/3 INCHES DEEP

This report applies only to the sample(s) tested. Samples are retained a maximum of thirty days after testing.

Rogell Rogers, CCA, PCA
A & L WESTERN LABORATORIES, INC.