

A & L WESTERN AGRICULTURAL LABORATORIES

10220 S.W. NIMBUS AVE | BUILDING K-9 | PORTLAND, OREGON 97223 | (503) 968-9225 | FAX (503) 598-7702



REPORT NUMBER: 19-107-126

CLIENT NO:

SEND TO: EVERGREEN ORGANIC FARM
2700 EVERGREEN PARKWAY NW
OLYMPIA, WA 98505-

SUBMITTED BY: PRACTICE ORGANIC FARMING

GROWER: CONNOR MURPHY

DATE OF REPORT: 04/22/19

SOIL ANALYSIS REPORT


PAGE: 1

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 meq/100g		C.E.C. meq/100g	K %	Mg %	Ca %	H %
		% Rating	ENR lbs/A	(Weak Bray) ppm	(Olsen Method) ppm	**** *	*** *	*** *	*** *									
MGMT1	59805	6.6VH	161	183VH	149VH	88L	158M	2223VH	8VL	7.0	6.9	0.0	12.7	1.8	10.2	87.7	0.0	0.3
MGMT2	59806	7.4VH	178	180VH	181VH	108L	169L	2732VH	10VL	7.2	7.2	0.0	15.3	1.8	9.1	88.9	0.0	0.3
MG 3	59807	6.1VH	151	83VH	59VH	128M	207M	1704VH	11VL	6.8	6.9	0.3	10.9	3.0	15.6	77.9	3.0	0.4
MU 4	59808	6.6VH	162	97VH	77VH	115M	214M	1593H	13VL	6.6	6.8	0.6	10.7	2.7	16.4	74.3	6.0	0.5
OLDOR	59809	8.7VH	204	192VH	104VH	171M	201M	1973VH	6VL	6.7	6.9	0.6	12.5	3.5	13.2	78.6	4.5	0.2

SAMPLE NUMBER	Nitrogen	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Excess	Soluble	Chloride	PARTICLE SIZE ANALYSIS			
	NO ₃ -N ppm	SO ₄ -S ppm	Zn ppm	Mn ppm	Fe ppm	Cu ppm	B ppm	Lime Rating	Salts mmhos/cm	Cl ppm	SAND %	SILT %	CLAY %	SOIL TEXTURE
MGMT1	6L	3VL	3.1H	2L	43VH	2.2H	0.2VL	L	0.2VL					
MGMT2	12L	5L	5.7H	3M	36VH	2.9VH	0.5L	L	0.3L					
MG 3	5L	2VL	1.2M	3M	39VH	1.7H	0.2VL	L	0.2VL					
MU 4	11L	4L	1.5M	4M	41VH	1.6H	0.2VL	L	0.3L					
OLDOR	12L	3VL	6.3VH	3M	54VH	1.0M	0.3VL	L	0.3L					

* 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
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		*	**	P1	NaHCO ₃ -P	K	Mg	Ca	Na	Soil pH	Buffer Index	H		C.E.C. meq/100g	K %	Mg %	Ca %	H %
		% Rating	ENR lbs/A	(Weak Bray) **** *	(Olsen Method) **** *	**** *	**** *	**** *	**** *	ppm	ppm	ppm	ppm		meq/100g	meq/100g		
MU 5	59810	8.0VH	190	121VH	72VH	157M	167M	1866VH	11VL	6.7	6.8	0.5	11.7	3.4	11.8	79.9	4.5	0.4
MU 6	59811	8.0VH	190	83VH	50VH	90L	259M	2194VH	11VL	6.9	7.0	0.2	13.6	1.7	15.7	80.7	1.5	0.4
MGMT7	59812	5.9VH	149	147VH	68VH	114M	166M	1692VH	11VL	6.6	6.9	0.6	10.8	2.7	12.6	78.2	6.0	0.4
MU 8	59813	6.9VH	168	91VH	57VH	88M	195M	1628VH	10VL	6.9	7.0	0.2	10.1	2.2	15.8	80.1	1.5	0.4

SAMPLE NUMBER	Nitrogen	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Excess	Soluble	Chloride	PARTICLE SIZE ANALYSIS			
	NO ₃ -N ppm	SO ₄ -S ppm	Zn ppm	Mn ppm	Fe ppm	Cu ppm	B ppm	Lime Rating	Salts mmhos/cm	Cl ppm	SAND %	SILT %	CLAY %	SOIL TEXTURE
MU 5	10L	4L	2.2M	3M	37VH	1.3H	0.2VL	L	0.3L					
MU 6	13M	4L	1.6M	2L	44VH	1.1M	0.1VL	L	0.3L					
MGMT7	13M	9L	0.9L	2L	44VH	2.0H	0.1VL	L	0.3L					
MU 8	7L	3VL	0.8L	2L	40VH	1.3H	0.1VL	L	0.3L					

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