

A & L WESTERN AGRICULTURAL LABORATORIES

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REPORT NUMBER: 00-336-047

SEND TO: Crop Specialists
Fresno, CA

CLIENT NO: 9999-D

GROWER: J & P Produce

DATE OF REPORT: 05/30/2023

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		K %	Mg %	Ca %	H %	Na %
		(Weak Bray)	(OlsenMethod)	K	Mg	Ca	Na											
		*	**	**** *	**** *	**** *	**** *	**** *	**** *									
% Rating	ENR lbs/A	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm			meq/100g						
Good	55931	2.9M	86	55H	15M	147M	225H	1050M	74L	5.9	6.8	10.0	19.1	3.7	18.6	52.2	23.9	1.5
Poor	55932	2.3M	69	46M	16M	146M	75L	550VL	85L	4.9	6.4	13.3	24.7	3.4	5.6	24.7	64.7	1.6

** NaHCO₃-P unreliable at this soil pH

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
130-1	5L	7L	3.4M	29M	39H	0.2VL	1.2M	L	0.3L		38	27	35	
130-2	3VL	8L	1.4L	32H	41H	0.2VL	1.3H	L	0.6L		24	44	30	

* 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.

Mike Buttress

Mike Buttress, CPAg
A & L WESTERN LABORATORIES, INC.