



7621 Whitepine Road, Richmond, VA 23237
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"Every acre...Every year."™

Grower:

SOIL ANALYSIS REPORT

Analytical Method(s): Mehlich 3 SMP Buffer pH Loss On Ignition Water pH

Date Received: 11/28/2017

Date Of Analysis: 11/29/2017

Date Of Report: 02/07/2018

Sample ID Field ID	Lab Number	OM	W/V	ENR	Phosphorus			Potassium	Magnesium	Calcium	Sodium	pH		Acidity	C.E.C
		% Rate	Soil Class	lbs/A	M3 ppm Rate	ppm Rate	ppm Rate	K ppm Rate	Mg ppm Rate	Ca ppm Rate	Na ppm Rate	Soil pH	Buffer Index	H meq/100g	meq/100g
W1	04917	1.8 L		78	16 L			94 M	148 H	678 M	24 VL	6.5		0.4	5.4
SR1	04918	2.6 M		95	47 M			99 H	164 VH	531 M	22 VL	6.3		0.5	4.9
AG2	04920	1.7 L		77	51 H			107 H	107 H	510 M	16 VL	5.7	6.83	1.0	4.8
AG1	04921	1.7 L		78	18 L			82 M	99 H	420 M	22 L	5.9	6.86	0.7	3.9
EGP1	04922	2.0 L		83	28 L			70 M	122 H	517 M	19 VL	5.9	6.85	0.8	4.7

Sample ID Field ID	Percent Base Saturation					Nitrate	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Soluble Salts
	K %	Mg %	Ca %	Na %	H %	NO ₃ N ppm Rate	S ppm Rate	Zn ppm Rate	Mn ppm Rate	Fe ppm Rate	Cu ppm Rate	B ppm Rate	SS ms/cm Rate
W1	4.5	22.8	62.8	1.9	7.4		23 M	1.4 L	41 H	109 VH	0.8 L	0.4 L	
SR1	5.2	27.9	54.2	2.0	10.2		6 VL	1.6 L	13 M	198 VH	1.1 M	0.6 M	
AG2	5.7	18.6	53.1	1.4	20.8		8 VL	2.0 L	46 H	140 VH	2.1 H	0.5 L	
AG1	5.4	21.2	53.8	2.5	17.9		8 VL	0.9 VL	44 H	94 VH	1.3 M	0.4 L	
EGP1	3.8	21.6	55.0	1.8	17.0		6 VL	1.0 VL	45 H	104 VH	1.0 M	0.5 L	

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

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

Analysis prepared by: Waypoint Analytical Virginia, Inc.

by: *Paucic McGroary*

Paucic McGroary

Report Number: 17-332-8629

Account Number: 99999



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SOIL FERTILITY RECOMMENDATIONS

Sample ID Field ID	Intended Crop	Yield Goal bu	Lime Tons/A	Nitrogen N lb/A	Phosphate P ₂ O ₅ lb/A	Potash K ₂ O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
W1	Soybeans	60	0.0	15	100	101	0	0	3.3	0	0	0.2	0.5
SR1	Soybeans	60	0.0	15	38	70	0	16	3.2	2	0	0	0.5
AG2	Peas	3	0.8	45	30	64	0	32	3.5	0	0	0	0
AG1	Corn	200	0.8	244	106	78	0	34	3.6	2	0	0	1.2
EGP1	Soybeans	60	0.8	15	85	100	0	16	3.5	0	0	0	0.5

Comments:

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

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A handwritten signature in black ink that reads "Paucic McGroary".

Paucic McGroary