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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: 12/05/2017

Date Of Analysis: 12/06/2017

Date Of Report: 04/09/2018

MD = Maryland Fertility Index Value

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
ROS-C(0-12)	11975	0.9 VL	MIN	65	247 VH MD = 271			46 L MD = 28	42 H MD = 35	233 M MD = 3	17 L	5.5	6.87	0.6	2.3
ROS-C(12-24)	11977	0.5 VL	MIN	57	87 H MD = 97			72 M MD = 45	38 H MD = 32	168 L MD = -5	16 L	5.7	6.89	0.4	1.8
EVE-A(0-12)	11978	1.0 L	MIN	67	203 VH MD = 223			47 L MD = 29	57 H MD = 46	254 M MD = 5	21 L	6.0	6.89	0.4	2.4
EVE-A(12-24)	11979	0.5 VL	MIN	58	110 VH MD = 122			57 L MD = 35	29 M MD = 25	141 L MD = -9	18 M	5.4	6.88	0.5	1.7
EVE-B(0-12)	11980	0.7 VL	MIN	60	202 VH MD = 222			48 L MD = 29	48 M MD = 39	421 H MD = 26	19 L	6.7		0.1	2.8

Sample ID Field ID	Percent Base Saturation					Nitrate	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Soluble Salts	Nitrogen, Total ppm	Sodium Absorption Ratio Ratio
	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		
ROS-C(0-12)	5.1	15.2	50.7	3.2	26.1	6 L	14 L	3.8 H	12 M	145 VH	8.1 VH	0.2 VL		396	0.27
ROS-C(12-24)	10.3	17.6	46.7	3.9	22.2	2 VL	1 VL	0.6 VL	6 L	59 VH	1.2 M	0.1 VL		132	0.29
EVE-A(0-12)	5.0	19.8	52.9	3.8	16.7	4 VL	10 L	4.6 H	13 M	128 VH	7.1 VH	0.2 VL		334	0.31
EVE-A(12-24)	8.6	14.2	41.5	4.6	29.4	2 VL	1 VL	1.3 L	7 L	80 VH	1.2 M	0.1 VL		112	0.36
EVE-B(0-12)	4.4	14.3	75.2	3.0	3.6	7 L	7 VL	4.7 H	14 M	105 VH	8.9 VH	0.2 VL		257	0.23

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: 17-339-8650

Account Number: 99999



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		% 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
EVE-B(12-24)	11981	0.3 VL	MIN	53	135 VH MD = 149			37 VL MD = 22	24 M MD = 21	220 M MD = 1	16 L	6.0	6.90	0.3	1.8
EVE-C(0-12)	11982	0.9 VL	MIN	64	204 VH MD = 224			60 L MD = 37	60 H MD = 49	286 M MD = 9	25 M	6.1	6.90	0.3	2.5
EVE-C(12-24)	11983	0.4 VL	MIN	56	179 VH MD = 197			32 VL MD = 19	18 L MD = 17	108 L MD = -13	18 M	5.0	6.87	0.6	1.5

Sample ID Field ID	Percent Base Saturation					Nitrate	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Soluble Salts	Nitrogen, Total ppm	Sodium Absorption Ratio Ratio
	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		
EVE-B(12-24)	5.3	11.1	61.1	3.9	16.7	2 VL	14 L	0.8 VL	6 L	71 VH	1.8 H	0.1 VL		82	0.27
EVE-C(0-12)	6.2	20.0	57.2	4.3	12.0	8 L	3 VL	4.6 H	14 M	115 VH	7.5 VH	0.2 VL		338	0.35
EVE-C(12-24)	5.5	10.0	36.0	5.2	40.0	2 VL	8 VL	0.4 VL	7 L	92 VH	1.9 H	0.1 VL		112	0.42

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.

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