Necessary Nutrition Levels

Phosphorous
Magnesium
Sulfur
Manganese
Copper

40 ppm 180 ppm 20 ppm 20 ppm 2 ppm

Potassium
Calcium
Zinc
Iron
Boron

220 ppm 2,000 ppm 10 ppm 20 ppm 2 ppm

Nitrogen 40 ppm

These rates provide excellent yield and disease resistance

The <u>second</u> step is to supply plant nutrition. From our soil analysis we must convert Parts Per Million (ppm) to Pounds Per Acre

A Plow Layer (6 2/3") of soil weighs 2.2 million pounds per acre

The top foot of soil (1 acre/foot) weighs
4 million pounds per acre

We can use these factors to convert ppm to pounds per acre by simple multiplication

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Report Number: 10-103-0558

Account Number: 00879

MAN Allahs com

A&L Eastern Laboratories, Inc.

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Send To: ROBERT GREGORY

97 MILO RD

ORMA WV 25268

Grower:

Submitted By: BOB GREGORY

Farm ID:

SOIL ANALYSIS REPORT

Analytical Method(s):

Mehlich 3

Date Received: 04/13/2010

Date Of Analysis: 04/14/2010

Date Of Report: 04/15/2010

Sample ID Field ID	Lab Number	Organic Matter			ĵ.	Phos	phorus	Potassium		Magnesium		Calcium		Sodium		pH	Acidity	C.E.C
		%	Rate	ENR lbs/A	Mehl ppm		Reserve ppm Rate	ppm	K Rate	155	Mg Rate	- 8	a Rate	Na ppm Rate	So il pH	Buffer Index	H meq/100g	meq/100g
F1	05346	1.7	L	68	37	М		131	М	199	М	1097	L		5.2	6.54	3.9	11.4

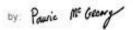
Sample ID Field ID	Percent Base Saturation						ate	Sulfur		Zinc		Manganese		Iron		Copper		Boron		Soluble Salts		Chloride		Aluminum
	К	Mg	Ca	Na	Н	NO ₃ N		S		Zn		Mn		Fe		Cu		В		SS		CI		Al
	%	%	%	%	%	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ms/cm	Rate	ppm	Rate	ppm
F1	2.9	14.5	48.1		34.0	12		19	М	1.7	L	29	Н	121	VH	2.1	н	0.4	L	9				
4														HI										7.3

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: A&L Eastern Laboratories, Inc.



Pauric McGroary

