

Necessary Nutrition Levels

Phosphorous 40 ppm

Magnesium 180 ppm

Sulfur 20 ppm

Manganese 20 ppm

Copper 2 ppm

Potassium 220 ppm

Calcium 2,000 ppm

Zinc 10 ppm

Iron 20 ppm

Boron 2 ppm

Nitrogen 40 ppm

These rates provide excellent yield and disease resistance

The second 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



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Grower: T
BEREA GARDENS

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			Phosphorus				Potassium		Magnesium		Calcium		Sodium		pH		Acidity	C.E.C
		%	Rate	ENR lbs/A	Mehlich 3 ppm	Reserve ppm	Rate	K ppm	Rate	Mg ppm	Rate	Ca ppm	Rate	Na ppm	Rate	Soil pH	Buffer Index	H meq/100g	meq/100g	
F1	05346	1.7	L	68	37	M			131	M	199	M	1097	L			5.2	6.54	3.9	11.4

Sample ID Field ID	Percent Base Saturation					Nitrate	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Soluble Salts	Chloride	Aluminum
	K %	Mg %	Ca %	Na %	H %	NO ₃ ppm	S ppm	Zn ppm	Mn ppm	Fe ppm	Cu ppm	B ppm	SS ms/cm	Cl ppm	Al ppm
F1	2.9	14.5	48.1		34.0		19 M	1.7 L	29 H	121 VH	2.1 H	0.4 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: A&L Eastern Laboratories, Inc.

by: *Paucie McGroary*

Paucie McGroary



SEA-90TM

OMRI[®]
Listed

100% Natural Sea Mineral Solids