

Recommendations For IAL Lab Number 1038 – 1a
– Market Garden/Pasture

Broadcast:

- 2,000 lbs. Soft Rock Phosphate
- 2,000 lbs. Carbonized Limestone
- 4,000 lbs. Compost or Aged Manure
- 500 lbs. Gypsum
- 20 lbs. Manganese Sulfate
- 1 lb. Actual Boron

Spray on Soil Preplant:

- 30 gallons Liquid Fish 5-1-1
- 3 gallons Molasses
- 50 lbs. Dissolved Chilean Nitrate
- 2 qts. Stimulate
- 2 lbs. Dissolved Crescendo
- Water As Needed

Due to extreme low fertility foliar program not suggested. This recommendation for market garden. Recommendation for pasture is very different. This would require a additional \$25.

SOIL ANALYSIS REPORT

	UNIT	DESIRED RATIO	DESIRED LEVEL	LAB RESULTS	Soil Index
HUMUS			30-40	10	
NITRATES	lbs. / Acre		40	6	
AMMONIA	lbs. / Acre		40	4	
PHOSPHORUS	lbs. / Acre	1P:1K	174	64	0.46 : 1 P to K Ratio
POTASSIUM	lbs. / Acre		167	139	
CALCIUM	lbs. / Acre	7 Ca : 1 Mg	3000	457	11.72 : 1 Ca to Mg Ratio
MAGNESIUM	lbs. / Acre		429	39	
SODIUM	PPM		<35	4	Very Low
ERGS	µS / Centimeter		200	66	
ORP			28	25	
pH			6.5	5.9	
COPPER	PPM		0.8-2.5	3.9	Very High
IRON	PPM		10-25	171.9	
ZINC	PPM		1-6	27.3	Very High
MANGANESE	PPM		8-30	3.3	Very Low
BORON	PPM		0.8-1.2	0.6	Low
SULFUR	PPM		30	Not Tested	
ORGANIC MATTER	%		4%	Not Tested	
FORMAZAN	PPM		600	Not Tested	