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|------------|---------|-----------------------|---------|------------------|
| 02/11/2014 | 7902 | HOOPHOUSE | LINCOLN | 1000 sq. ft |
| PRINT DATE | LAB NO. | SAMPLE IDENTIFICATION | COUNTY | ACRES OR SQ. FT. |

•SOIL TEST REPORT FOR:

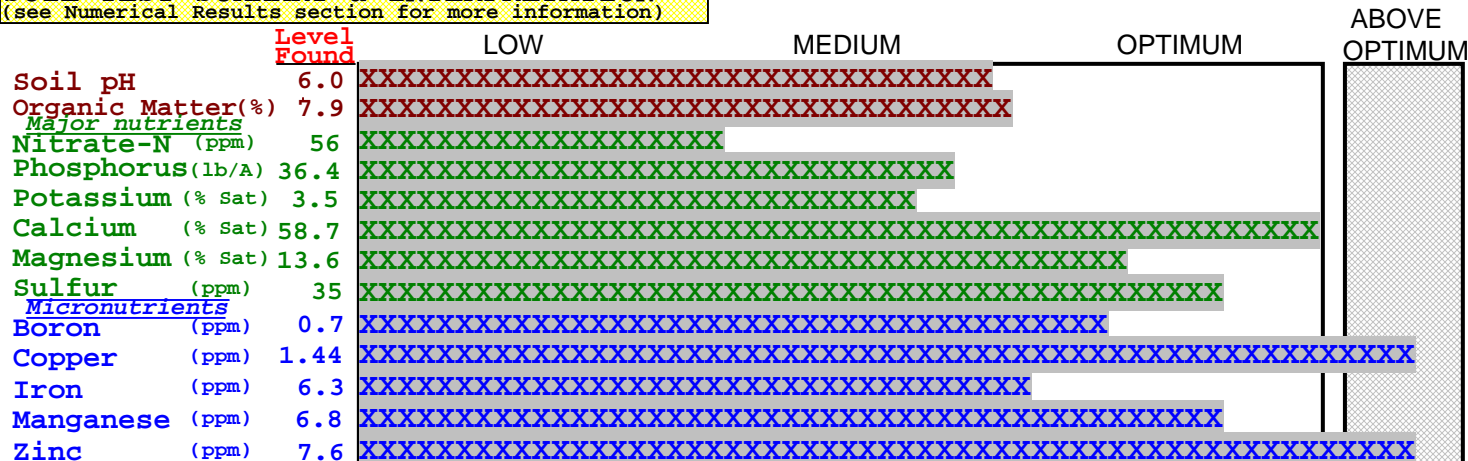
EXAMPLE BASIC HIGH TUNNEL

SECOND YEAR TUNNEL

MAINE SOIL TESTING SERVICE
UNIVERSITY OF MAINE 1865
5722 DEERING HALL
ORONO,MAINE 04469-5722



•SOIL TEST SUMMARY & INTERPRETATION
(see Numerical Results section for more information)



•RECOMMENDED ADDITIONS FOR ORGANIC GARDEN - Crop Code # 392 (HIGH TUNNEL)

To raise soil pH to 6.5, apply 70 pounds of lime per 1000 sq. ft.

Magnesium source note: if you use Sul-Po-Mag, use a low-magnesium (calcitic) lime.

To meet major nutrient requirements, Apply on every 1000 sq. ft.:

Nitrogen(4.3 lb) - from 36 lb bloodmeal or 61 soybean meal

Phosphorus(4.4 lb) - from 28 lb bonemeal/bonechar or 147 lb rock phosphate.

Potassium(6.9 lb) - from 13 lb potassium sulfate or 31 lb K-Mag.

15 bushel cow, pig, or horse manure or 7-8 bushel poultry, sheep, goat, or rabbit manure/1000 sq. ft. can substitute for 1/4 recommended nutrients (apply in fall).
Broadcast lime uniformly, in spring or fall, and till in 6-7 in.

Till in manure or compost to improve soil organic matter content.

If you use manure or compost, reduce any additional phosphate application by 50%.

For information on micronutrient management and recommendations, see enclosed form.

•NUMERICAL RESULTS

(Test methodology: pH in water and Mehlich buffer, available nutrients by modified Morgan extract)
(Organic matter measured by LOI, P determined colorimetrically, all others measured by ICP-OES)

CEC and nutrient balance calculations assume the pH will be raised to 6.5

| | | | | | | | | | | | |
|---------------|-------------------|--------------|--------------------------|------------------|------------------|----------------|----------------|-----|-------------------|-------|---------|
| Level Found | 6.0 | 5.98 | 36.4 | 347 | 587 | 4168 | 12.4(A) | 3.5 | 13.6 | 58.7 | 24.1 |
| | Soil pH | Lime Index 2 | Phosphorus (lb/A) | Potassium (lb/A) | Magnesium (lb/A) | Calcium (lb/A) | CEC (me/100 g) | K | Mg (% Saturation) | Ca | Acidity |
| Optimum Range | 6.0-7.0 | N/A | 40-80 | 400-600 | | | > 5 | | 10-20 | 60-80 | < 10 |
| Level Found | 7.9 | 35 | 1.44 | 6.3 | 6.8 | 7.6 | | | | | |
| | Organic Matter(%) | Sulfur (ppm) | Copper (ppm) | Iron (ppm) | Manganese (ppm) | Zinc (ppm) | | | | | |
| Normal Range | 8-12 | > 25 | 0.8-1.2 | 6 - 10 | 4 - 8 | 1 - 2 | | | | | |
| Level Found | 0.7 | 82 | 0.69 | 56 | 3 | | | | | | |
| (Extras) | Boron (ppm) | Sodium (ppm) | Soluble Salts (mmhos/cm) | Nitrate-N (ppm) | Ammonium-N (ppm) | | | | | | |
| Normal Range | 0.5-1.2 | < 100 | < 3.5 | 100-200 | < 10 | | | | | | |

Additional Results or Comments:
Lead scan: NORMAL BACKGROUND LEVEL - no health risk.

Full payment received for this sample. Thank you.