



PROFESSIONAL'S NAME

CUSTOMER'S NAME

Professional's Name
and Contact Information

Customer's Name
and Contact Information

Sample Number AVP-8250

Collection Date 2011-02-10

Process Date 2011-02-24

Report Date 2011-02-25

Date of Last Liming _____

Soil Type Sandy Loam

Vegetable Type(s) Tomatos

Vegetable Area 250 sq.ft. Watering Method Manual Sprinkler

Sample Notes: _____

LABORATORY ANALYSIS and RECOMMENDATIONS

[Results reported as Parts Per Million (ppm)]

TEST	RE-SULTS	OPTIMUM RANGE	RATING	RECOMMENDATIONS
1. pH Adjustment	5.5	6.2 - 6.8	Low	Work 4.6 lbs./100 sq.ft. of Agricultural Limestone into the soil prior to planting
2. Calcium (Ca)	125	275 - 437	Very Low	Work 15 lbs./ 100 sq.ft. of gypsum into the soil before planting
3. Core Depth	5"	12+"	Very Low	Apply 0.5 oz/100 sq.ft. of Bio-Aer or similar Organic Soil Conditioner in 2-3 gals water at 6-8 week intervals throughout the growing season until Optimum Range reached. After the season, work all plant residue and composted leaves, grass, etc. into the soil
4. Humus Content	5 %	10+%	Very Low	Work 2.5 lbs/100 sq.ft. of Bio-Soil Boost or similar organic material into the soil before planting Work garden residue into the soil at the end of the season
5. Thatch Layer	N/A	N/A	N/A	This test point is not relevant for this particular test
6. Soluble Salts	142	177 - 426	Low	Apply 1.5 oz. per linial foot of 10-10-10 in each row and lightly work into the soil. An organic source of nutrients with match or similar levels can be substituted.
7. Nitrates (NO ₃)	12	10 - 20	Normal	See Item #6
8. Ammonium (NH ₄)	2	5 - 15	Very Low	See Item #6
9. Phosphate (HPO ₄)	2	2 - 5	Low Normal	Apply 2 lbs./100 sq.ft. of rock phosphate or 0.2 lb./100 sq.ft. of superphosphate
10. Potassium (K)	20	5 - 25	Normal	Continue a balanced nutrition program with low salt and chloride content
11. Magnesium (Mg)	26	10 - 30	Normal	No action required
12. Iron (Fe)	0.1	0.5 - 5	Very Low	Apply 10-20-10 RTU foliar fertilizer 2-3 times per month until fruit begins to set. Similar product may be substituted if available.
13. Manganese (Mn)	0.1	0.5 - 5	Very Low	See Item #12
14. Boron (B)	0.55	0.06 - .5	High	No action required
15. Copper (Cu)	0.01	0.06 - .5	Extremely Low	See Item #12
16. Zinc (Zn)	0.01	0.3 - 3.0	Extremely Low	See Item #12
17. Sulfates (SO ₄)	40	40 - 150	Normal	No action required
18. Chlorides (Cl)	15	0 - 30	Normal	Avoid fertilizers containing chlorides

Special Instructions & Recommendations

Applying compost tea as a soil drench at least once per month will enhance all beneficial microbial systems.
Applying compost tea as a foliar application may help to reduce/prevent various diseases.