



PROFESSIONAL'S NAME

CUSTOMER'S NAME

Your Company Name  
and Contact Information

Your Customer's Name  
and Contact Information

Sample Number PSA-7961

Collection Date 2010-05-30

Process Date 2010-08-10

Report Date 2010-08-14

Date of Last Liming \_\_\_\_\_

Soil Type Loam

Fruit/Vegetable Type(s) Vegetables Life Stage Newly planted (1 yr or less)

Fruit/Vegetable Area 2000 sq.ft. or A. Watering Method None

Sample Notes: \_\_\_\_\_

**LABORATORY ANALYSIS and RECOMMENDATIONS**

[Results reported as Parts Per Million (ppm)]

TEST	RE-SULTS	OPTIMUM RANGE	RATING	RECOMMENDATIONS
1. pH Adjustment	7.0	6.0 - 7.0	Normal	No action required
2. Calcium (Ca)	176	662 - 888	Extremely Low	Apply 22.5 lbs./ 100 sq.ft. of gypsum in (4) 5.6 lb. applications 4-6 months apart
3. Core Depth	10"	12+"	Low	Apply 0.5 oz./100 sq.ft. in 2-3 gals water of Bio-Aer or similar Organic Soil Conditioner at 6-8 week intervals throughout the growing season until Optimum Range reached.
4. Humus Content	5%	10+%	Very Low	Apply 2.5 lbs./100 sq.ft. of Bio- Soil Boost or similar organic material
5. Thatch Layer	N/A	N/A	N/A	No recommendation available at this time
6. Soluble Salts	20	25 - 60	Low	Start/Continue nutrition program with a high quality, complete & balanced fertilizer with low salt and chloride content
7. Nitrates (NO <sub>3</sub> )	3	10 - 20	Extremely Low	ASAP Start/Continue nutrition program with a high quality, complete & balanced fertilizer with low salt and chloride content
8. Ammonium (NH <sub>4</sub> )	0.5	5 - 15	Extremely Low	ASAP Start/Continue nutrition program with a high quality, complete & balanced fertilizer with low salt and chloride content
9. Phosphate (HPO <sub>4</sub> )	20	2 - 5	Very Low	Do not apply any fertilizers containing phosphate
10. Potassium (K)	30	5 - 25	Extremely High	Do not add any potassium to the soil for one season. High potassium levels will inhibit Magnesium uptake
11. Magnesium (Mg)	14	10 - 30	Normal	No action required
12. Iron (Fe)	0.03	0.5 - 5	Low	Apply 0.4 ozs./100 sq.ft. of Bio-Green in 4 gals. of water 2 times during season or similar micro-nutrient material
13. Manganese (Mn)	0.2	0.5 - 5	Very Low	Apply 0.4 ozs./100 sq.ft. of Bio-Green in 4 gals. of water 3 times during season or similar micro-nutrient material
14. Boron (B)	0.13	0.06 - .5	Normal	No action required
15. Copper (Cu)	0.05	0.06 - .5	Low	Apply 0.4 ozs./100 sq.ft. of Bio-Green in 4 gals. of water 2 times during season or similar micro-nutrient material
16. Zinc (Zn)	0.17	0.3 - 3.0	Very Low	Apply 0.4 ozs./100 sq.ft. of Bio-Green in 4 gals. of water 3 times during season or similar micro-nutrient material
17. Sulfates (SO <sub>4</sub> )	60	40 - 150	Normal	No action required
18. Chlorides (Cl)	15	0 - 30	Normal	Avoid fertilizers containing chlorides

Special Instructions  
& Recommendations