

A & L WESTERN AGRICULTURAL LABORATORIES, INC.

1311 Woodland Avenue, Suite 1 • Modesto, California 95351 • (209) 529-4080



Report: 06-103-024

Grower: Seeds of Hope International Partnership

PETER REIMER FARMS
29343 W. TULARE AVE.
SHAFTER, CA 93263

Client: 9999
Page # 1 of 1
Date: 05/01/2006

Nematode Analysis Report

Attn: Peter Reimer

			Number of nematodes recovered per 100cc of soil															
Lab Number	Sample Number	Crop Past/Present	Root-Knot (Meloidogyne)	Lesion (Pratylenchus)	Stunt (Tylenchorhynchus)	Spiral (Helicotylenchus)	Stubby-Root (Trichodorus)	Dagger (Xiphinema)	Ring (Criconeimoides)	CYST			Sting (Belonolaimus)	Lance (Hoplolaimus)	Sheath (Hemicriconeimoides)	Pin (Paratylenchus)	Citrus (Tylenchulus)	Comments
										Larva	Adult	Egg						
54683	CHIEF	Bananas				32	16											B

Comments:

- A. None detected. If symptoms are present, check that proper sampling and shipping techniques were followed.
- B. Populations and kinds detected are not likely to cause plant/crop damage or yield loss.
- C. Continue to monitor populations.
- D. If this is a PREPLANT situation, treatment should definitely be considered.
- E. Populations and/or kinds detected may cause plant/crop damage or yield loss.
- F. Populations are high and treatment may be necessary.
- G. Recording crop information in the future will help to provide more meaningful recommendations, as varying tolerance levels exist.

Do not apply a nematicide that is not labeled for your specific situation.

Analyzed by A & L Southern Agricultural Laboratories, Inc.

THE INFORMATION CONTAINED ON THIS SHEET IS INTENDED FOR THE EXCLUSIVE USE OF THE ADDRESSEE AND MAY CONTAIN CONFIDENTIAL OR PRIVILEGED INFORMATION. IF YOU ARE NOT THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY FORM OF DISSEMINATION OF THIS INFORMATION IS STRICTLY PROHIBITED. Rev 1.0

A & L WESTERN AGRICULTURAL LABORATORIES

1311 WOODLAND AVE #1 • MODESTO, CALIFORNIA 95351 • (209) 529-4080 • FAX (209) 529-4736



REPORT NUMBER: 06-103-024

CLIENT NO: 99999

SEND TO: PETER REIMER FARMS
29343 W TULARE AVE
SHAFTER, CA 93263-

GROWER: SEEDS OF HOPE INT'T PRTRNSHP

SUBMITTED BY: PETER REIMER

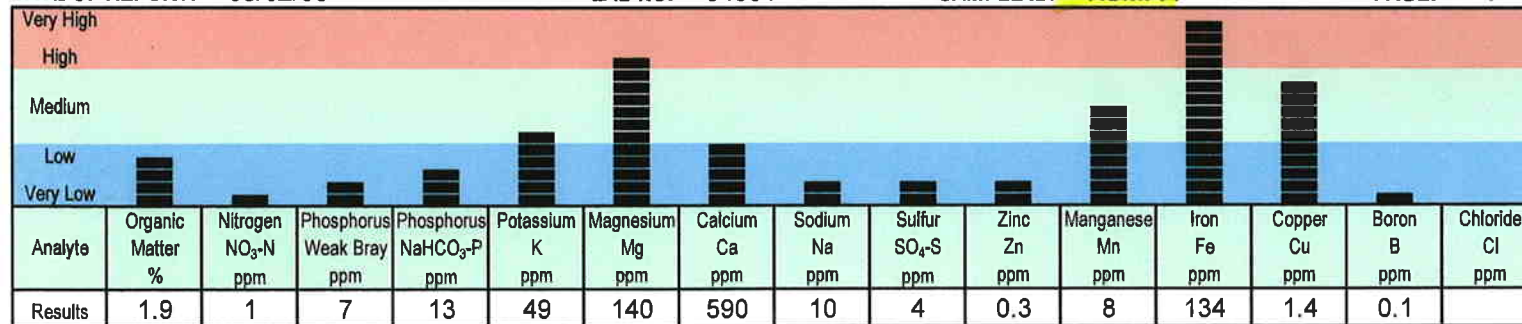
Graphical Soil Analysis Report

DATE OF REPORT: 05/02/06

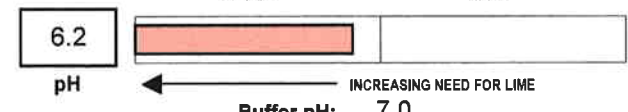
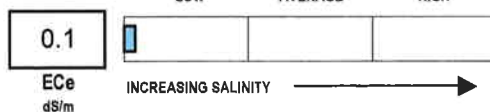
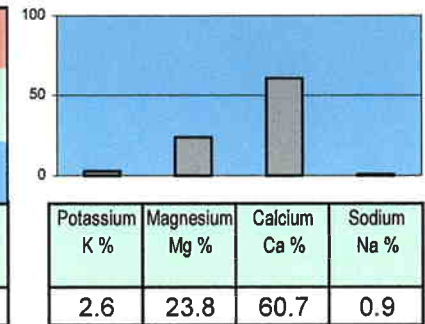
LAB NO: 54681

SAMPLE ID: **KSMPA**

PAGE: 1



Percent Cation Saturation (computed)



Soil Fertility Guidelines

CROP: VEGETABLES

RATE: lb/acre

NOTES:

Dolomite (70 score)	Lime (70 score)	Gypsum	Elemental Sulfur	Nitrogen N	Phosphate P ₂ O ₅	Potash K ₂ O	Magnesium Mg	Sulfur SO ₄ -S	Zinc Zn	Manganese Mn	Iron Fe	Copper Cu	Boron B
	0			140	80	240		30	10				1.0

C LOW cation exchange capacity (CEC) of less than 5 meq/100g indicates that close attention needs to be paid to water and nutrient requirements. Try to maintain reasonable organic matter levels.

O ORGANIC MATTER: Low levels may restrict beneficial microbial activity and lead to soil compaction and erosion. Consider the inclusion of compost and/or cover crops if a concern.

M LIGHT TEXTURED SOILS that exhibit low pH may require very little lime (0) to raise pH due to their low buffering capacity. Less than 1000 lb/ac (25 lb/1000 sq ft) may be sufficient.

N MIXED VEGETABLES: Band up to 20 lb N + 40 lb P₂O₅ + 20 lb K₂O + 5 lb S/ac 3 inches below and to the side of seeds/transplants. Side-dress 2/3 of remaining N at thinning time, then as necessary.

"Our reports and letters are for the exclusive and confidential use of our clients, and may not be reproduced in whole or in part, nor may any reference be made to the work, the result or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization." The yield of any crop is controlled by many factors in addition to nutrition. While these recommendations are based on agronomic research and experience, they DO NOT GUARANTEE the achievement of satisfactory performance. © Copyright 1994 A & L WESTERN LABORATORIES, INC.

Mike Buttress
Mike Buttress, CPAg
A & L WESTERN LABORATORIES, INC.

A & L WESTERN AGRICULTURAL LABORATORIES

1311 WOODLAND AVE #1 • MODESTO, CALIFORNIA 95351 • (209) 529-4080 • FAX (209) 529-4736



REPORT NUMBER: 06-103-024

CLIENT NO: 99999

SEND TO: PETER REIMER FARMS
29343 W TULARE AVE
SHAFTER, CA 93263-

GROWER: SEEDS OF HOPE INT'T PRTRNSHP

SUBMITTED BY: PETER REIMER

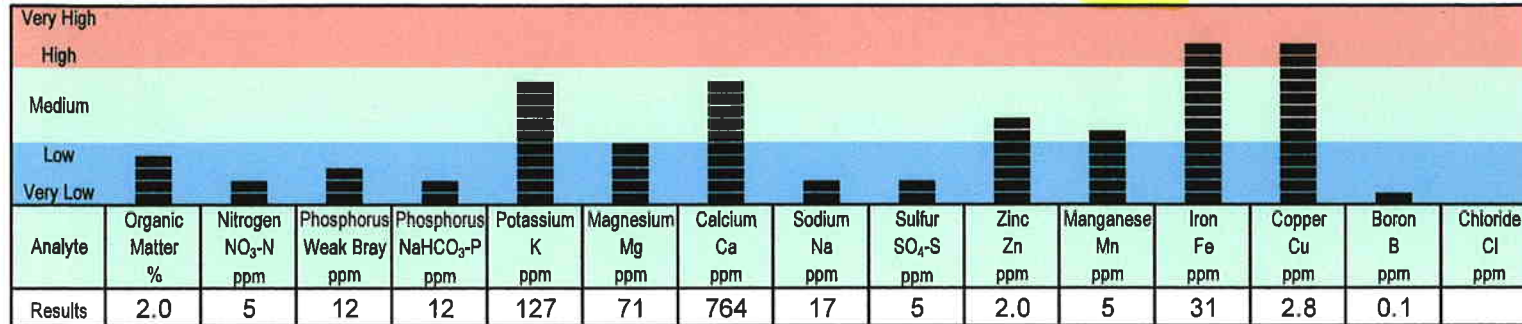
Graphical Soil Analysis Report

DATE OF REPORT: 05/02/06

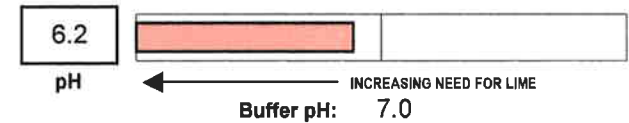
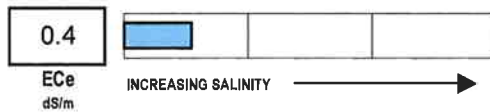
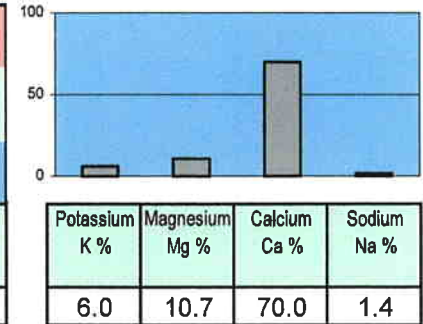
LAB NO: 54682

SAMPLE ID: **MPCHR**

PAGE: 2



Percent Cation Saturation (computed)



Soil Fertility Guidelines

CROP: VEGETABLES

RATE: lb/acre

NOTES:

Dolomite (70 score)	Lime (70 score)	Gypsum	Elemental Sulfur	Nitrogen N	Phosphate P ₂ O ₅	Potash K ₂ O	Magnesium Mg	Sulfur SO ₄ -S	Zinc Zn	Manganese Mn	Iron Fe	Copper Cu	Boron B
0				130	80	90		30					1.0

- C** PHOSPHATE/POTASH: Band 6 to 8 inches INTO soil prior to growing season for best results, unless able to include in irrigation water. Be careful of salt burn. Broadcast as a last resort.
- M** NITROGEN: Use local conditions and experience with variety to determine rates and timing. Allow for nitrate levels in your water source also (ppm NO₃ X 0.61 = lb N/ac-ft water). Monitor tissue-N.
- E** SULFATE-SULFUR: Low soil levels may cause yellowing and lack of vigor. Maintain above 15 to 20 ppm to guard against deficiencies. Although, sulfates may have leached below sampling depth.
- T** ZINC: Maintain soil levels above 1.0 ppm to ensure an adequate zinc supply. A tissue analysis at the appropriate time will determine more accurately, availability to the plant.

"Our reports and letters are for the exclusive and confidential use of our clients, and may not be reproduced in whole or in part, nor may any reference be made to the work, the result or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization." The yield of any crop is controlled by many factors in addition to nutrition. While these recommendations are based on agronomic research and experience, they DO NOT GUARANTEE the achievement of satisfactory performance. © Copyright 1994 A & L WESTERN LABORATORIES, INC.

Mike Buttress

Mike Buttress, CPAg

A & L WESTERN LABORATORIES, INC.

A & L WESTERN AGRICULTURAL LABORATORIES

1311 WOODLAND AVE #1 • MODESTO, CALIFORNIA 95351 • (209) 529-4080 • FAX (209) 529-4736



REPORT NUMBER: 06-103-024

CLIENT NO: 99999

SEND TO: PETER REIMER FARMS
29343 W TULARE AVE
SHAFTER, CA 93263-

GROWER: SEEDS OF HOPE INT'T PRTRNSHP

SUBMITTED BY: PETER REIMER

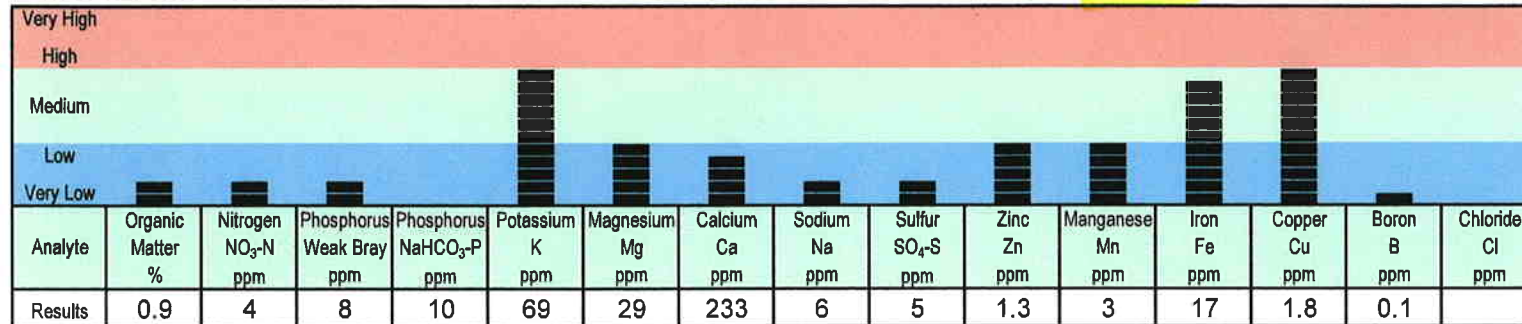
Graphical Soil Analysis Report

DATE OF REPORT: 05/02/06

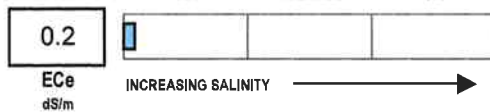
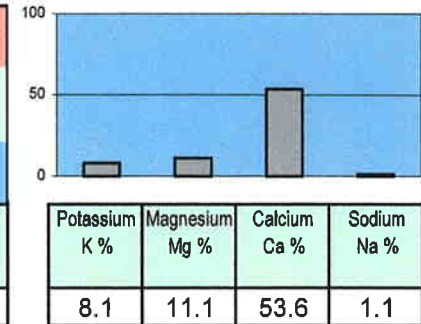
LAB NO: 54683

SAMPLE ID: CHIEF

PAGE: 3



Percent Cation Saturation (computed)



NaHCO₃-P unreliable at this soil pH

Soil Fertility Guidelines

CROP: BANANAS

RATE: lb/acre

NOTES:

Dolomite (70 score)	Lime (70 score)	Gypsum	Elemental Sulfur	Nitrogen N	Phosphate P ₂ O ₅	Potash K ₂ O	Magnesium Mg	Sulfur SO ₄ -S	Zinc Zn	Manganese Mn	Iron Fe	Copper Cu	Boron B
0				270	180	600	20	50	5	10			3.0

C BANANAS: To replace crop removal of nutrients, one should supply at least 4 lb N + 1.0 lb P₂O₅ + 12 lb
O K₂O per ton of crop removed. Always monitor true requirements by timely tissue analyses.
M Attempt to maintain soil levels of phosphate above 20 ppm and potassium levels around 300 ppm as bananas
M are heavy feeders. Split applications throughout the season according to requirements.
E BORON: Aim for soil levels above 0.5 ppm to avoid a deficiency. A tissue analysis at the appropriate
N time will determine more accurately, plant availability. ADD BORON WITH CAUTION.
T MAGNESIUM: If less than 50-70 ppm but pH is normal/high, consider Epsom salt, sulfate of potash
S magnesia, magnesium nitrate, chelates, lignosulfonates or other neutral magnesium salts.

"Our reports and letters are for the exclusive and confidential use of our clients, and may not be reproduced in whole or in part, nor may any reference be made to the work, the result or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization." The yield of any crop is controlled by many factors in addition to nutrition. While these recommendations are based on agronomic research and experience, they DO NOT GUARANTEE the achievement of satisfactory performance. © Copyright 1994 A & L WESTERN LABORATORIES, INC.

MB Buttress
Mike Buttress, CPAg
A & L WESTERN LABORATORIES, INC.