06/13/02 3537 #3 LOWER MALCOLM NOW KENNEBEC 450 sq. ft
DATE LAB NO. SAMPLE IDENTIFICATION COUNTY ACRES OR SQ. FT.

· SOIL TEST REPORT FOR:

MARILYN MEYERHANS

104 BACK RD

FAIRFIELD ME 04937

MAINE SOIL TESTING SERVICE

UNIVERSITY OF MAINE

5722 DEERING HALL ORONO,MAINE 04469-5722

| · RELATIVE SOIL | LOW | MEDIUM | OPTIMUM | ABOVE OPTIMUM |
|-----------------|-----------------|-----------------|-----------------|------------------|
| PHOSPHORUS (P) | XXXXXXXXXXXXX | | | |
| POTASSIUM (K) | XXXXXXXXXXXXXXX | XXXXXXXXXXXXX | | |
| CALCIUM (Ca) | XXXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXXXX |
| MAGNESIUM (Mg) | XXXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXX | |
| SOIL pH | XXXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXXXX |
| ORGANIC MATTER | XXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXXXXXXX | |
| | | | | |

· RECOMMENDATIONS FOR

GENERAL ORGANIC

- Crop Code # 392

Soil pH is near or above the optimum level for this crop. No lime recommended.

To meet crop magnesium requirement, use Sul-Po-Mag as a source of Mg and K. To meet major nutrient requirements, apply (on each 1000 sq. ft.):

Nitrogen - 50 lb cottonseed meal or 20 lb bloodmeal or 25 lb fishmeal.

Phosphorus - 35 lb bone meal.

Potassium - 15 lb Sul-Po-Mag.

If you are using wood ash, discontinue until lime is needed again.

Optional organic matter credit: 1/2 or less of recommended N should be needed. 15 bushels of cow, hog, or horse manure or 7-8 bushels of poultry, sheep, goat or rabbit manure/1000 sq. ft. may be substituted for 1/4-1/3 recommended nutrients.

.LABORATORY RESULTS

CEC and nutrient balance calculations are based on present pH of 6.6

| Level Found | 6.6 | 6.19 | 2.9 | 208 | 278 | 2941 | 8.7 | 3.1 | 13.0 | 83.9 | 0.0 |
|------------------|---------|-----------------|-------------|-------------|--------------|--------------|-------------------|---------|--------------|-----------------|---------|
| | Soil pH | Lime Index 2 | P (lb/A) | K (lb/A) | Mg (lb/A) | Ca (lb/A) | CEC (me/100gm) | К | Mg (% Sat | Ca turation) | Acidity |
| Optimum Range | 5.5-6.5 | N/A | 20-40 | see % | Saturation | levels | > 5 | 3.5-5.0 | 10-25 | 60-80 | < 10 |
| Level | 7.1 | N/A | N/A | N/A | N/A | N/A | | Addit | ional Re | enl+e | |

Level Found 7.1 N/A N/A N/A N/A N/A N/A N/A

Organic Sulfur Zinc Sodium (ppm) Soluble Salts Nitrate-N (ppm)

Optimum Range 5 - 8

Lead scan: NORMAL BACKGROUND LEVEL no health risk.

| 05/28/04 | 3101 | #3 YELLOW | KENNEBEC | 300 sq. ft |
|----------|---------|-----------------------|----------|------------------|
| DATE | LAB NO. | SAMPLE IDENTIFICATION | COUNTY | ACRES OR SQ. FT. |

MARILYN MEYERHANS

104 BACK RD

FAIRFIELD ME 04937

MAINE SOIL TESTING SERVICE UNIVERSITY OF MAINE

5722 DEERING HALL ORONO,MAINE 04469-5722

AROVE

· RELATIVE SOIL TEST LEVELS

| | | LOW | MEDIUM | OPTIMUM | OPTIMUM |
|-------------|------|------------------|------------------|-----------------|------------|
| PHOSPHORUS | (P) | XXXXXXXXXXXXXXX | XXXX | | O' THIVION |
| POTASSIUM | (K) | XXXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | xxx | |
| CALCIUM | (Ca) | XXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXXXXXXXXXXX | xxxxxxx |
| MAGNESIUM | (Mg) | XXXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | xxxx | |
| SULFUR | (S) | XXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXXX |
| SOIL PH | | XXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXX | XXXXXXXX | |
| ORGANIC MAT | TTER | XXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXX | XXXXXXXXXXXXX | xxxxxxx |
| | | | | | |
| | | | | | |

· RECOMMENDATIONS FOR

HOME TREE FRUIT - Crop Code # 393

Soil pH is near or above the optimum level for this crop. No lime recommended.

To meet crop magnesium requirement, use a fertilizer containing magnesium if possible. Recommended major nutrient application rates as follows:
12 lb 15-8-12 or 12 lb 15-15-15 fertilizer/1000 sq. ft.

Broadcast fertilizer in 4-8 ft. circles around trees between April 15 and June 1. Applying fertilizer later may cause winter kill.

When planting a new tree: apply lime at the recommended rate and till in thoroughly. Add peat or compost at 1/3 - 1/4 by volume to the soil in the planting hole. Also add fertilizer at per plant rate recommended. Mix all materials together thoroughly before planting. Water in very well.

· LABORATORY RESULTS

CEC and nutrient balance calculations are based on present pH of 6.1

| Found 6.1 | 5.97 | 5.2 | 238 | 326 | 3507 | 10.3 | 2.9 | 12.9 | 84.2 | 0.0 |
|-----------------|------|-------------|---|------------|-----------|------|---------|---------|-------|---------|
| Soil pH I | Lime | P (1b/A) | (1b/A) | Mg (lb/A) | Ca (lb/A) | CEC | K | Mg | Ca | Acidity |
| Optimum 5.5-6.5 | N/A | | 111111111111111111111111111111111111111 | Saturation | | | 2.8-4.0 | (% Satu | 60-80 | < 10 |

| Level Found | 9.2 | 32 | N/A | N/A | N/A | N/A | N/A |
|------------------|----------------------|--------------|-------------|------------|--------------|---|-------|
| | Organic Matter(%) | Sulfur (ppm) | Boron (ppm) | Zinc (ppm) | Sodium (ppm) | Sol.Salts (mmhos/cm | |
| Optimun Range | 5 - 8 | 15-30 | | | 1 | , | (ppm) |

Additional Results

| 05/28/04 | 3101 | #3 YELLOW | KENNEBEC | 300 sq. ft |
|----------|---------|-----------------------|----------|------------------|
| DATE | LAB NO. | SAMPLE IDENTIFICATION | COUNTY | ACRES OR SQ. FT. |

MARILYN MEYERHANS

104 BACK RD

FAIRFIELD ME 04937

MAINE SOIL TESTING SERVICE UNIVERSITY OF MAINE

5722 DEERING HALL ORONO,MAINE 04469-5722

| • RELATIVE | SOIL | TEST | LEVELS | | | ABOVE |
|------------|------|-----------|-------------|---|----------------|---|
| | | | LOW | MEDIUM | OPTIMUM | OPTIMUM |
| PHOSPHORUS | (P) | XXXX | XXXXXXXXXX | XXXXXXXXX | | |
| POTASSIUM | (K) | XXXX | CXXXXXXXXXX | XXXXXXXXXXXX | | |
| CALCIUM | (Ca) | XXXX | XXXXXXXXXX | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXX | XXXXXXX |
| MAGNESIUM | (Mg) | XXXX | XXXXXXXXXX | (XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | XXXX | |
| SULFUR | (S) | XXXX | CXXXXXXXXXX | (XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXX | XXXXXXX |
| SOIL PH | | XXXX | XXXXXXXXXX | (XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | XXXXXXXX | |
| ORGANIC MA | TTER | XXXX | CXXXXXXXXXX | (XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXX | XXXXXXX |
| | | | | | | |
| | | Alexander | | | | 200000000000000000000000000000000000000 |

· RECOMMENDATIONS FOR

GENERAL ORGANIC

- Crop Code # 392

Soil pH is near or above the optimum level for this crop. No lime recommended.

To meet crop magnesium requirement, use Sul-Po-Mag as a source of Mg and K.

To meet major nutrient requirements, apply (on each 1000 sq. ft.):

Nitrogen - 50 lb cottonseed meal or 20 lb bloodmeal or 25 lb fishmeal.

Phosphorus - 50 lb rock phosphate or 30 lb bone meal. (of the relation established trees)

Potassium - 15 lb Sul-Po-Mag.

If you are using wood ash, discontinue until lime is needed again.

Full payment received for the analysis of this sample. Thank you.

Optional organic matter credit: Little or none of recommended N should be needed.

Fertilizer may be broadcast in spring, but is best banded 2-3 in. below & beside rows.

· LABORATORY RESULTS CEC and nutrient balance calculations are based on present pH of 6.1 Level 5.97 238 326 3507 10.3 12.9 84.2 6.1 5.2 2.9 0.0 Found Lime Ca Ma Mg Ca Acidity Soil pH uration) Optimum 5.5-6.5 see % Saturation levels < 10 N/A 20-40 3.5-5.0 10-25 60-80 Range Level Additional Results N/A N/A 32 N/A N/A N/A 9.2 Found Sulfur Sodium Sol. Salts Nitrate-N Lead scan: NORMAL BACKGROUND LEVEL -Boron Zinc Organic Matter (%) (mmhos/cm) no health risk. (ppm) (ppm) (ppm) (ppm) (ppm) Optimum 5 - 8 15-30 Range

| 1 | | #6 VELLOW living | mulch | |
|----------|---------|-----------------------|----------|------------------|
| 05/28/04 | 3104 | #6 YELLOW | KENNEBEC | 1200 sq. ft |
| DATE | LAB NO. | SAMPLE IDENTIFICATION | COUNTY | ACRES OR SQ. FT. |

MARILYN MEYERHANS

104 BACK RD

FAIRFIELD ME 04937

MAINE SOIL TESTING SERVICE UNIVERSITY OF MAINE

5722 DEERING HALL ORONO,MAINE 04469-5722

ADOVE

• RELATIVE SOIL TEST LEVELS

| | LOW | MEDIUM | OPTIMUM | OPTIMUM |
|----------------|--------------------|-----------------|----------------|---------|
| PHOSPHORUS (I | (c) XXXXXXXXXXXXX | | | |
| POTASSIUM (H | () XXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXXXXXXX | |
| CALCIUM (Ca | a) XXXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXXXXXXXXXXX | XXXXXXX |
| MAGNESIUM (Mg | (a) XXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXXXX | |
| SULFUR (S) | XXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXXXXXXXXXX | XXXXXX |
| SOIL PH | XXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXXXXXXX | |
| ORGANIC MATTER | XXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXXXXXXXXXX | XXXXXXX |
| | | | | |
| | | | | |

· RECOMMENDATIONS FOR

HOME TREE FRUIT

- Crop Code # 393

Soil pH is near or above the optimum level for this crop. No lime recommended.

Magnesium level is sufficient to meet crop requirement. Recommended major nutrient application rates as follows: 12 lb 15-8-12 or 12 lb 15-15-15 fertilizer/1000 sq. ft.

Broadcast fertilizer in 4-8 ft. circles around trees between April 15 and June 1. Applying fertilizer later may cause winter kill.

When planting a new tree: apply lime at the recommended rate and till in thoroughly. Add peat or compost at 1/3 - 1/4 by volume to the soil in the planting hole. Also add fertilizer at per plant rate recommended. Mix all materials together thoroughly before planting. Water in very well.

· LABORATORY RESULTS

| Level Found | 6.2 | 5.92 | 4.2 | 31: | 2 43 | 33 36 | 78 11.3 | 3.5 | 15.7 | 80.8 | 0.0 |
|------------------|----------------------|--------------|-------------|------------|--------------|------------------------|--------------------------|---------|---------------|----------------|--------|
| | Soil pH | Index : | P (1b/A) | (1b/A |) (1b | | では、10mmの では、10mmの できません。 | K | Mg (% Sati | Ca gration) | Acidit |
| Optimum Range | 5.5-6.5 | N/A | 9-13 | see 9 | | ation leve | | 2.8-4.0 | 10-25 | 60-80 | < 10 |
| Level Found | 12.0 | 39 | N/A | N/A | N/A | N/A | (low) | Add | ditional | Results | |
| | Organic Matter(%) | Sulfur (ppm) | Boron (ppm) | Zinc (ppm) | Sodium (ppm) | Sol.Salts (mmhos/cm | Nitrate-N (ppm) | | | | |
| Optimum Range | 5 - 8 | 15-30 | | | | | | | | | |

| 05/28/04 | 3104 | #6 YELLOW | KENNEBEC | 1200 sq. ft |
|----------|---------|-----------------------|----------|------------------|
| DATE | LAB NO. | SAMPLE IDENTIFICATION | COUNTY | ACRES OR SQ. FT. |

MARILYN MEYERHANS

104 BACK RD

FAIRFIELD ME 04937

MAINE SOIL TESTING SERVICE UNIVERSITY OF MAINE

5722 DEERING HALL ORONO,MAINE 04469-5722

• RELATIVE SOIL TEST LEVELS

| | | LOW | MEDIUM | OPTIMUM | ABOVE OPTIMUN |
|----------------|------|----------------|------------------|----------------|------------------|
| PHOSPHORUS | (P) | XXXXXXXXXXXXX | XXXXX | | |
| POTASSIUM | (K) | XXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXX | |
| CALCIUM | (Ca) | XXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXXXXXXXXXXX | XXXXXXX |
| MAGNESIUM | (Mg) | XXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXXXX | |
| SULFUR | (S) | XXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXXXXXXXXXXX | XXXXXXX |
| SOIL pH | | XXXXXXXXXXXXXX | XXXXXXXXXXXXXXXX | XXXXXXXXXX | |
| DRGANIC MATTER | | XXXXXXXXXXXXX | XXXXXXXXXXXXXXXX | XXXXXXXXXXXXXX | XXXXXXX |
| | | | | | |
| | | | | | |

· RECOMMENDATIONS FOR

GENERAL ORGANIC - Crop Code # 392

Soil pH is near or above the optimum level for this crop. No lime recommended.

Magnesium level is sufficient to meet crop requirement.

To meet major nutrient requirements, apply (on each 1000 sq. ft.):

Nitrogen - 50 lb cottonseed meal or 20 lb bloodmeal or 100 lb alfalfa meal Phosphorus - 50 lb rock phosphate or 30 lb bone meal. (optional on istablished trees)

Potassium - 6 lb Potassium sulfate or alfalfa meal (see Nitrogen).

**Note: not all sources of potassium sulfate approved for organic certification. If you are using wood ash, discontinue until lime is needed again.

Optional organic matter credit: Little or none of recommended N should be needed.

Fertilizer may be broadcast in spring, but is best banded 2-3 in. below & beside rows.

· LABORATORY RESULTS CEC and nutrient balance calculations are based on present pH of 6.2 Level 5.92 6.2 4.2 312 433 3678 3.5 15.7 11.3 80.8 0.0 Found Lime Mg Ca Ca Acidit K Mg Soil pH Index (1b/A) (1b/A) (1b/A) (% Saturation) Optimum 5.5-6.5 N/A 20-40 see % Saturation levels < 10 3.5-5.0 10-25 60-80 Range (low) Level Additional Results N/A N/A N/A 12.0 39 N/A 5 Found Organic Sulfur Boron Zinc Sodium Sol. Salts Nitrate-N Lead scan: NORMAL BACKGROUND LEVEL -Matter (%) (ppm) (ppm) (ppm) (mmhos/cm) (ppm) (ppm) no health risk. Optimum 15-30 Range

| 06/13/02 | 3540 | #6 LOWER MALCOLM | KENNEBEC | 1500 sg. ft |
|----------|---------|-----------------------|----------|------------------|
| DATE | LAB NO. | SAMPLE IDENTIFICATION | COUNTY | ACRES OR SQ. FT. |

MARILYN MEYERHANS

104 BACK RD

FAIRFIELD ME 04937

MAINE SOIL TESTING SERVICE UNIVERSITY OF MAINE

5722 DEERING HALL ORONO,MAINE 04469-5722

| · RELATIVE | SOIL | TEST LEVELS LOW | MEDIUM | OPTIMUM | ABOVE |
|----------------|------|--------------------|-----------------|----------------|----------|
| PHOSPHORUS | (P) | XXXXXXXXXXXXX | | | |
| POTASSIUM | (K) | XXXXXXXXXXXXXXX | XXXXXXXXXXX | | |
| CALCIUM | (Ca) | XXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXXXXXXXXXXX | xxxxxx |
| MAGNESIUM | (Mg) | XXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXX | |
| SOIL pH | | XXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXXXXXXXXXXX | xx XXXXX |
| ORGANIC MATTER | | XXXXXXXXXXXXXX | XXXXXXXXXXXXXXX | XXXXXXXXXXXXXX | |
| | | | | | |
| | | | | | |

. RECOMMENDATIONS FOR

GENERAL ORGANIC

- Crop Code # 392

Soil pH is near or above the optimum level for this crop. No lime recommended.

To meet crop magnesium requirement, use Sul-Po-Mag as a source of Mg and K. To meet major nutrient requirements, apply (on each 1000 sq. ft.):

Nitrogen - 50 lb cottonseed meal or 20 lb bloodmeal or 25 lb fishmeal.

Phosphorus - 35 lb bone meal.

Potassium - 15 lb Sul-Po-Mag.

If you are using wood ash, discontinue until lime is needed again.

Optional organic matter credit: 1/2 or less of recommended N should be needed. 15 bushels of cow, hog, or horse manure or 7-8 bushels of poultry, sheep, goat or rabbit manure/1000 sq. ft. may be substituted for 1/4-1/3 recommended nutrients.

.LABORATORY RESULTS

CEC and nutrient balance calculations are based on present pH of 6.5

| Level Found | 6.5 | 6.12 | 2.9 | 205 | 273 | 2985 | 8.8 | 2.9 | 12.7 | 84.4 | 0.0 |
|------------------|-----------------------|-----------------|---------------|-----------------|-----------------------------|--------------------|-------------------|--|-------------|-----------------|---------|
| | Soil pH | Lime Index 2 | P (lb/A) | K (lb/A) | Mg (lb/A) | Ca (lb/A) | CEC (me/100gm) | K | Mg (% Sa | Ca turation) | Acidity |
| Optimum Range | 5.5-6.5 | N/A | 20-40 | see % | Saturation | levels | > 5 | | | 60-80 | < 10 |
| Level Found | 7.6 | N/A | N/A | N/A | N/A | N/A | | Additional Results Lead scan: NORMAL BACKGROUND LEVEL - no health risk. | | | |
| | Organic Matter (%) | Sulfur (ppm) | Zinc (ppm) | Sodium (ppm) | Soluble Salts (mmhos/cm) | Nitrate-N (ppm) | Lead | | | | |
| Optimum | 5 - 8 | | | | | | | | | | |