05/28/04 3102 #4 ORANGE MACS COMPOST KENNEBEC 1200 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 TEST LEVELS

	LOW	MEDIUM	OPTIMUM	OPTIMUM
PHOSPHORUS (P)	XXXXXXXXXXXXXX	XX		
POTASSIUM (K)	XXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXX
CALCIUM (Ca)	XXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXX
MAGNESIUM (Mg)	XXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	XXXXXX	
SULFUR (S)	XXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	XXXXXX
SOIL pH	XXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXX	
ORGANIC MATTER	xxxxxxxxxxxx	XXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	XXXXXXX
		发展主题的文字		

· 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: 4 lb 33-0-0 or 3 lb 46-0-0 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 6.4 Level 6.4 6.15 4.6 340 368 3384 10.3 4.1 14.5 81.3 0.0 Found Lime Ma Ca CEC Soil pH K Mg Ca Acidity Index (% Saturation) Optimum 5.5-6.5 N/A 9-13 see % Saturation levels 2.8-4.0 10-25 < 10 60-80 Range (low) Level Additional Results 8.4 33 N/A N/A N/A N/A Found Organic Sulfur Sodium Sol. Salts Nitrate-N Boron Zinc (ppm) (ppm) (ppm) (ppm) (mmhos/cm Optimum 5 - 8 15-30 Range

05/28/04	3102	#4 ORANGE	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	(P)	XXXXXXXXXXXXXX	XXXXXX		
POTASSIUM	(K)	XXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	XXXXXXX	
CALCIUM	(Ca)	XXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXX
MAGNESIUM	(Mg)	XXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	XXXXXX	
SULFUR	(S)	XXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXX
SOIL PH		XXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	XXXXXXXXXXXXX	
ORGANIC MA	TTER	XXXXXXXXXXXXXXX	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 25 lb fishmeal.

Phosphorus - 50 lb rock phosphate or 30 lb bone meal. (optional on established trues)

Potassium - 15 lb Sul-Po-Mag.

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 6.4 Level 6.4 6.15 4.6 340 368 3384 10.3 4.1 14.5 81.3 0.0 Found Lime CEC Mg Ca K Mg Ca Acidity Soil pH Index 2 (1b/A) (1b/A) (1b/A) me/100am (% Saturation) Optimum 5.5-6.5 20-40 see % Saturation levels < 10 > 5 3.5-5.0 10-25 60-80 Additional Results

Level Found	8.4	33	N/A	N/A	N/A	N/A	(100)
	Organic Matter(%)	Sulfur (ppm)	Boron (ppm)	Zinc (ppm)	Sodium (ppm)	Sol.Salts (mmhos/cm)	
Optimum Range	5 - 8	15-30					

Lead scan: NORMAL BACKGROUND LEVEL no health risk.

06/13/02	3538	#4 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 OPTIMUM
PHOSPHORUS	(P)	XXXXXXXXXXXXX			
POTASSIUM	(K)	XXXXXXXXXXXXX	XXXXXXXXXXX		
CALCIUM	(Ca)	XXXXXXXXXXXXX	XXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	XXXXXXX
MAGNESIUM	(Mg)	XXXXXXXXXXXXX	XXXXXXXXXXXXXXX	XXXXX	
SOIL pH		XXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	XXXXXXX
ORGANIC MA	TTER	XXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXX	

. 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

Matter (%)

Optimum

(ppm)

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

Level Found	6.6	6.17	3.0	217	316	3440	10.1	2.8	12.8	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 (% Sai	Ca turation)	Acidity
Optimum Range	5.5-6.5	N/A	20-40	see %	Saturation	levels	> 5	3.5-5.0		60-80	< 10
Level Found	7.2	N/A	N/A	N/A	N/A	N/A		Addit	cional Re	esults	
	Organic	Sulfur	Zinc	Sodium	Soluble Salts	Nitrate-N	Lead	scan: NOR	MAT. BACKG	ROUND LEVE	er

(ppm)

no health risk.

(mmhos/cm)

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

(ppm)

(ppm)

orange SPAPTAN 06/13/02 #1 LOWER MALCOLM 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

SARE GRANT

MAINE SOIL TESTING SERVICE UNIVERSITY OF MAINE

> 5722 DEERING HALL ORONO, MAINE 04469-5722

· RELATIVE SOIL TEST LEVELS

LOW

MEDIUM

OPTIMUM

ABOVE OPTIMUM

PHOSPHORUS (P) POTASSIUM CALCIUM MAGNESIUM

ORGANIC MATTER

SOIL pH

(K) (Ca) (Mg) XXXXXXXXXXXX *************************************

. 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 - 65 lb rock phosphate or 35 lb bone meal.

Potassium - 350 lb Greensand (long-term correction) or a current level is sufficient for tree fruit. correction or alfalfa meal (see Nitrogen).

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 6.2

Level Found	6.2	6.06	2.7	282	339	2629	8.3	4.3	16.8	78.8	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 Found	7.5	N/A	N/A	N/A	N/A	N/A			cional Re		
Market Market	Organic	Sulfur	Zinc	Sodium	Soluble Salts	Nitrate-N	Lead	scan: NOR	MAL BACKG	ROUND LEVE	EL -

Matter (%) (ppm) (ppm) (ppm) (mmhos/cm) (ppm) Optimum

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

no health risk.

05/28/04	3098	#1 ORANGE	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

		LOW	MEDIUM	OPTIMUM	OPTIMUM
PHOSPHORUS	(P)	XXXXXXXXXXXXXX	XXXXX		
POTASSIUM	(K)	XXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	XXXXXX
CALCIUM	(Ca)	XXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXX	
MAGNESIUM	(Mg)	XXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXX	
SULFUR	(S)	XXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	xxxxxx
SOIL PH		XXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	CX CONTRACT
ORGANIC MAT	TTER	XXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	XXXXXX

· 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: 4 lb 33-0-0 or 3 lb 46-0-0 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 6.5

Level Found	6.5	6.10	5.8	652	478	3104	10.5	7.9	18.7	73.4	0.0
	Soil pH	Lime Index 2	P (1b/A)	(1b/A)	Mg (lb/A)	Ca (1b/A)	CEC (me/100cm	K	Mg (% Satu	Ca ration)	Acidity
Optimum Range	5.5-6.5	N/A	9-13	see %	Saturation			2.8-4.0		60-80	< 10

Level Found	8.3	34	N/A	N/A	N/A	N/A	N/A
	Organic Matter(%)	Sulfur (ppm)	Boron (ppm)	Zinc (ppm)	Sodium (ppm)	Sol.Salts (mmhos/cm)	64 (23 (64) (55) (26) (51)
Optimum Range	5 - 8	15-30					

Additional Results

		composit		
05/28/04	3098	#1 ORANGE	KENNEBEC	300 sq. ft
DATE	LAB NO.	SAMPLE IDENTIFICATION	COUNTY	ACRES OR SQ. FT.

MARILYN MEYERHANS

104 BACK RD

FAIRFIELD ME 04937

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5722 DEERING HALL ORONO,MAINE 04469-5722

ABOVE

· RELATIVE SOIL TEST LEVELS

		LOW	MEDIUM	OPTIMUM	OPTIMUM
PHOSPHORUS	(P)	XXXXXXXXXXXXXXXX	XXXXXXXXX		
POTASSIUM	(K)	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXX
CALCIUM	(Ca)	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	XXXXXXXXXX	
MAGNESIUM	(Mg)	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXX	
SULFUR	(S)	XXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXX
SOIL PH		XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XX
ORGANIC MATTER		XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXX

· RECOMMENDATIONS FOR

GENERAL ORGANIC - Cro

- 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 25 lb fishmeal.

Phosphorus - 30 lb bone meal. (optional on established field)

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

Excessive potassium: If you are using wood ash, discontinue.

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 6.5

Level Found	6.5	6.10	5.8	652	478	3104	10.5	7.9	18.7	73.4	0.
	Soil pH	Lime Index 2	P (lb/A)	(1b/A)	Mg (lb/A)	Ca (lb/A)	CEC (me/100cm	K	Mg (% Satu	Ca ration)	Acidi
Optimum Range	5.5-6.5	N/A	20-40		Saturation			3.5-5.0		60-80	< 10
Level	8.3	34	N/A	N/A	N/A N	/A	N/A	Add	ditional	Results	

Found 8.3 34 N/A N/A N/A N/A N/A N/A N/A Additional Results
Organic Sulfur Boron Zinc Sodium Sol.Salts Nitrate-N
Matter(%) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm)

Optimum 5 - 8 15-30
Range