

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	ABOVE OPTIMUM
PHOSPHORUS (P)	XXXXXXXXXXXXXXXXXXXX			
POTASSIUM (K)	XX			
CALCIUM (Ca)	XX			
MAGNESIUM (Mg)	XX			
SULFUR (S)	XX			
SOIL pH	XX			
ORGANIC MATTER	XX			

• 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 Found	6.4	6.15	4.6	340	368	3384	10.3	4.1	14.5	81.3	0.0
	Soil pH	Lime Index 2	P (lb/A)	K (lb/A)	Mg (lb/A)	Ca (lb/A)	CEC (me/100gm)	K	Mg (% Saturation)	Ca	Acidity
Optimum Range	5.5-6.5	N/A	9-13	see % Saturation levels			> 5	2.8-4.0	10-25	60-80	< 10
Level Found	8.4	33	N/A	N/A	N/A	N/A	(low) 3	<u>Additional Results</u>			
	Organic Matter (%)	Sulfur (ppm)	Boron (ppm)	Zinc (ppm)	Sodium (ppm)	Sol. Salts (mmhos/cm)	Nitrate-N (ppm)				
Optimum Range	5 - 8	15-30					----				

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

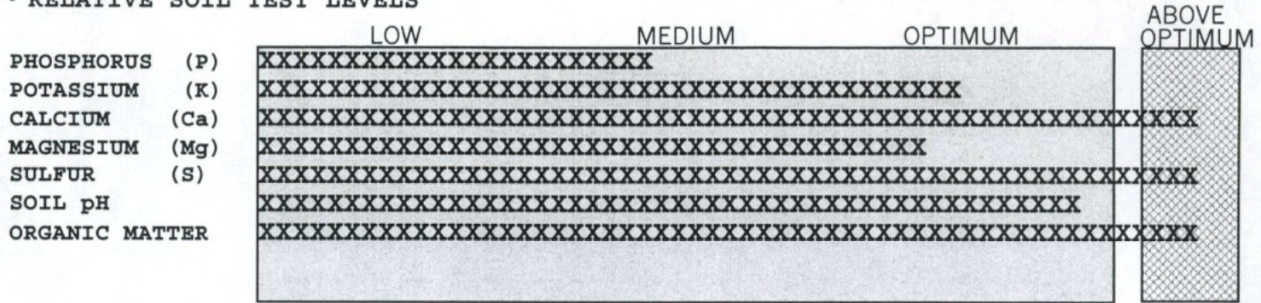
05/28/04	3102	#4 ORANGE	KENNEBEC	1200 sq. ft
DATE	LAB NO.	SAMPLE IDENTIFICATION	COUNTY	ACRES OR SQ. FT.

• SOIL TEST REPORT FOR:

MARILYN MEYERHANS
 104 BACK RD
 FAIRFIELD ME 04937

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• RELATIVE SOIL TEST LEVELS



• 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 trees)*

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 Found	6.4	6.15	4.6	340	368	3384	10.3	4.1	14.5	81.3	0.0
	Soil pH	Lime Index 2	P (lb/A)	K (lb/A)	Mg (lb/A)	Ca (lb/A)	CEC (me/100gm)	K	Mg (% Saturation)	Ca	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	8.4	33	N/A	N/A	N/A	N/A	(low) 3	Additional Results			
	Organic Matter (%)	Sulfur (ppm)	Boron (ppm)	Zinc (ppm)	Sodium (ppm)	Sol. Salts (mmhos/cm)	Nitrate-N (ppm)	Lead scan: NORMAL BACKGROUND LEVEL - no health risk.			
Optimum Range	5 - 8	15-30					----				

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

06/13/02	3538	#4 LOWER MALCOLM	KENNEBEC	1500 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	ABOVE OPTIMUM
PHOSPHORUS (P)	XXXXXXXXXXXXXXXXXX			XXXXXX
POTASSIUM (K)	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			
CALCIUM (Ca)	XX			
MAGNESIUM (Mg)	XX			
SOIL pH	XX			
ORGANIC MATTER	XX			

• 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	6.17	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 (% Saturation)	Ca	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	7.2	N/A	N/A	N/A	N/A	N/A					
	Organic Matter (%)	Sulfur (ppm)	Zinc (ppm)	Sodium (ppm)	Soluble Salts (mmhos/cm)	Nitrate-N (ppm)					
Optimum Range	5 - 8										

Additional Results
 Lead scan: NORMAL BACKGROUND LEVEL - no health risk.

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

06/13/02	3535	#1 LOWER MALCOLM	KENNEBEC	450 sq. ft
DATE	LAB NO.	SAMPLE IDENTIFICATION	COUNTY	ACRES OR SQ. FT.

orange compost SPARTAN

SAIRE GRANT

• 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	ABOVE OPTIMUM
PHOSPHORUS (P)	XXXXXXXXXXXXXXXXXX			
POTASSIUM (K)	XX			
CALCIUM (Ca)	XX			
MAGNESIUM (Mg)	XX			
SOIL pH	XX			
ORGANIC MATTER	XX			

• 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 alfalfa meal (see Nitrogen).~~

current level is sufficient for tree fruit.

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)	K	Mg (% Saturation)	Ca	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	Additional Results				
	Organic Matter (%)	Sulfur (ppm)	Zinc (ppm)	Sodium (ppm)	Soluble Salts (mmhos/cm)	Nitrate-N (ppm)	Lead scan: NORMAL BACKGROUND LEVEL - no health risk.				
Optimum Range	5 - 8										

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

05/28/04	3098	#1 ORANGE	KENNEBEC	300 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	ABOVE OPTIMUM
PHOSPHORUS (P)	XXXXXXXXXXXXXXXXXXXXXXXXXXXX			
POTASSIUM (K)	XX			XXXX
CALCIUM (Ca)	XX			
MAGNESIUM (Mg)	XX			
SULFUR (S)	XX			XXXX
SOIL pH	XX			XXXX
ORGANIC MATTER	XX			XXXX

• 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 (lb/A)	K (lb/A)	Mg (lb/A)	Ca (lb/A)	CEC (me/100gm)	K	Mg (% Saturation)	Ca	Acidity
Optimum Range	5.5-6.5	N/A	9-13	see % Saturation levels			> 5	2.8-4.0	10-25	60-80	< 10
Level Found	8.3	34	N/A	N/A	N/A	N/A	N/A	<u>Additional Results</u>			
	Organic Matter (%)	Sulfur (ppm)	Boron (ppm)	Zinc (ppm)	Sodium (ppm)	Sol. Salts (mmhos/cm)	Nitrate-N (ppm)				
Optimum Range	5 - 8	15-30									

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

05/28/04	3098	#1 ORANGE <i>compost</i>	KENNEBEC	300 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	ABOVE OPTIMUM
PHOSPHORUS (P)	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
POTASSIUM (K)	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
CALCIUM (Ca)	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
MAGNESIUM (Mg)	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
SULFUR (S)	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
SOIL pH	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ORGANIC MATTER	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX

• 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 - 30 lb bone meal. *(optional on established trees)*

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)	K (lb/A)	Mg (lb/A)	Ca (lb/A)	CEC (me/100gm)	K	Mg (% Saturation)	Ca	Acid
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	8.3	34	N/A	N/A	N/A	N/A	N/A	Additional Results			
	Organic Matter (%)	Sulfur (ppm)	Boron (ppm)	Zinc (ppm)	Sodium (ppm)	Sol. Salts (mmhos/cm)	Nitrate-N (ppm)	Lead scan: NORMAL BACKGROUND LEVEL no health risk.			
Optimum Range	5 - 8	15-30									

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

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