

Blue Control

06/13/02	3536	#2 LOWER MALCOLM	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 TEST LEVELS

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

• 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.

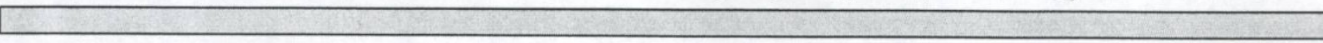
Phosphorus - 35 lb bone meal.

Potassium - 15 lb Sul-Po-Mag.

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

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.

~~Fill in manure, compost, or leaves each year to build and maintain soil organic matter. This will improve the nutrient and water holding capacity of your soil.~~



• LABORATORY RESULTS

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

Level Found	6.5	6.22	2.6	145	168	2226	6.4	3.0	10.7	86.3	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	4.8	N/A	N/A	N/A	N/A	N/A	<u>Additional Results</u> Lead scan: NORMAL BACKGROUND LEVEL - no health risk.				
	Organic Matter (%)	Sulfur (ppm)	Zinc (ppm)	Sodium (ppm)	Soluble Salts (mmhos/cm)	Nitrate-N (ppm)					
Optimum Range	5 - 8										

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

05/28/04	3099	#2 BLUE	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)	XXXXXXXXXXXXXXXXXXXX			
POTASSIUM (K)	XXXXXXXXXXXXXXXXXXXX			
CALCIUM (Ca)	XXXXXXXXXXXXXXXXXXXX			
MAGNESIUM (Mg)	XXXXXXXXXXXXXXXXXXXX			
SULFUR (S)	XXXXXXXXXXXXXXXXXXXX			
SOIL pH	XXXXXXXXXXXXXXXXXXXX			
ORGANIC MATTER	XXXXXXXXXXXXXXXXXXXX			

• 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. *(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: 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.

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 6.3

Level Found	6.3	6.10	4.2	209	242	2806	8.2	3.3	12.1	84.6	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	6.3	32	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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05/28/04	3099	#2 BLUE	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)	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.

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 6.3

Level Found	6.3	6.10	4.2	209	242	2806	8.2	3.3	12.1	84.6	0.0
	Soil pH	Lime Index 2	P (lb/A)	K (lb/A)	Mg (lb/A)	Ca (lb/A)	CEC (me/100gm)	K (% Saturation)	Mg (% Saturation)	Ca (% Saturation)	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	6.3	32	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.

06/13/02	3539	#5 LOWER MALCOLM	(Blue) Control	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			
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.

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	6.20	2.9	214	223	2749	8.0	3.4	11.4	85.2	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	6.9	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)	Additional Results				
Optimum Range	5 - 8						Lead scan: NORMAL BACKGROUND LEVEL - no health risk.				

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

05/28/04	3103	#5 BLUE	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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 ORONO, MAINE 04469-5722

• RELATIVE SOIL TEST LEVELS

	LOW	MEDIUM	OPTIMUM	ABOVE OPTIMUM
PHOSPHORUS (P)	XXXXXXXXXXXXXX			
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:

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 6.3

Level Found	6.3	6.04	3.2	245	358	3115	9.5	3.2	15.4	81.4	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	9.6	35	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)				
Optimum Range	5 - 8	15-30					----				

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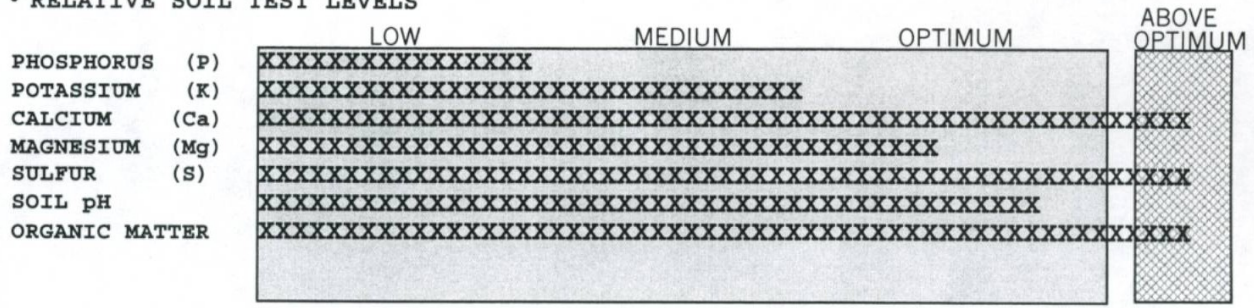
05/28/04	3103	#5 BLUE	KENNEBEC	1200 sq. ft
DATE	LAB NO.	SAMPLE IDENTIFICATION	COUNTY	ACRES OR SQ. FT.

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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 100 lb alfalfa meal.
 Phosphorus - 65 lb rock phosphate or 35 lb bone meal. *(optional on established 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 6.3

Level Found	6.3	6.04	3.2	245	358	3115	9.5	3.2	15.4	81.4	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	9.6	35	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)	Lead scan: NORMAL BACKGROUND LEVEL - no health risk.			
Optimum Range	5 - 8	15-30					----				

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