

12/12/2022	9208	FRONT BOXES	WALDO	391 sq. f
PRINT DATE	LAB NO.	SAMPLE IDENTIFICATION	COUNTY	ACRES OR SQ. FT.

•SOIL TEST REPORT FOR:

STEVE BOWLER- PENOBSCOT SHORES
 10 SHORELAND DRIVE
 BELFAST ME 04915

MAINE SOIL TESTING SERVICE
 UNIVERSITY OF MAINE 1865
 5722 DEERING HALL
 ORONO, MAINE 04469-5722



•SOIL TEST SUMMARY & INTERPRETATION
 (see Numerical Results section for more information)

	Level Found	LOW	MEDIUM	OPTIMUM	ABOVE OPTIMUM
Soil pH	7.4	XX	XX	XX	XX
Organic Matter(%)	20.1	XX	XX	XX	XX
<u>Major nutrients</u>					
Phosphorus(lb/A)	793	XX	XX	XX	XX
Potassium (% Sat)	1.7	XXXXXXXXXXXXXXXXXXXXXXXXXXXX			
Calcium (% Sat)	77.4	XX	XX	XX	XX
Magnesium (% Sat)	20.8	XX	XX	XX	XX
<u>Micronutrients</u>					
Sulfur (ppm)	14	XX			
Boron (ppm)	1.4	XX	XX	XX	XX
Copper (ppm)	0.53	XX	XX	XX	XX
Iron (ppm)	7.0	XX	XX	XX	XX
Manganese (ppm)	7.0	XX	XX	XX	XX
Zinc (ppm)	7.9	XX	XX	XX	XX

•RECOMMENDED ADDITIONS FOR ORGANIC GROWING - Crop Code # 392

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

Magnesium level is sufficient to meet crop requirement.
 To meet major nutrient requirements, apply (on each 1000 sq. ft.):
 Nitrogen(2.5 lb) - from 20 lb bloodmeal or feathermeal or 100 lb alfalfa meal.

Potassium(6.9 lb) - from 13 lb potassium sulfate or 100 lb 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.

Provisional organic matter credit: 1/2 or less of recommended N should be needed.

Apply 15 lb elemental sulfur/1000 sq. ft. to reduce pH to 6.5. Till in well.

Apply fertilizer in spring. Apply 1/2 Nitrogen at planting time, 1/2 3-4 weeks later.

For information on micronutrient management and recommendations, see enclosed form.

•NUMERICAL RESULTS (Test methodology: pH in water and Mehlich buffer, available nutrients by modified Morgan extract) (Organic matter measured by LOI, P determined colorimetrically, all others measured by ICP-OES)

CEC and nutrient balance calculations are based on present pH of 7.4

Level Found	7.4	0.00	793	352	1304	13515	25.8(A)	1.7	20.8	77.4	0.0
Soil pH		Lime Index 2	Phosphorus (lb/A)	Potassium (lb/A)	Magnesium (lb/A)	Calcium (lb/A)	CEC (me/100 g)	K	Mg (% Saturation)	Ca	Acidity
Optimum Range	6.0-7.0	N/A	20-40	see % Saturation levels			> 5	3.5-5.0	10-20	60-80	< 10
Level Found	20.1	14	0.53	7.0	7.0	7.9					
Organic Matter(%)		Sulfur (ppm)	Copper (ppm)	Iron (ppm)	Manganese (ppm)	Zinc (ppm)	Additional Results or Comments:				
Normal Range	5 - 8	> 15	.25-.60	6 - 10	4 - 8	1 - 2	Metals scan: NORMAL BACKGROUND LEVEL - no health risk.				
Level Found	1.4	N/A	N/A	N/A	N/A						
(Extras) Boron (ppm)		Sodium (ppm)	Soluble Salts (mmhos/cm)	Nitrate-N (ppm)	Ammonium-N (ppm)						
Normal Range	0.5-1.2										

Full payment received for this sample. Thank you.

● SOIL TEST REPORT FOR:
STEVE BOWLER- PENOBSCOT SHORES
10 SHORELAND DRIVE
BELFAST ME 04915



● **SOIL TEST SUMMARY & INTERPRETATION**
(see Numerical Results section for more information)

	Level Found	LOW	MEDIUM	OPTIMUM	ABOVE OPTIMUM
Soil pH	7.4	XX	XX	XX	XX
Organic Matter(%)	20.1	XX	XX	XX	XX
Major nutrients					
Phosphorus(lb/A)	793	XX	XX	XX	XX
Potassium (% Sat)	1.7	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XX	XX
Calcium (% Sat)	77.4	XX	XX	XX	XX
Magnesium (% Sat)	20.8	XX	XX	XX	XX
Sulfur (ppm)	14	XX	XX	XX	XX
Micronutrients					
Boron (ppm)	1.4	XX	XX	XX	XX
Copper (ppm)	0.53	XX	XX	XX	XX
Iron (ppm)	7.0	XX	XX	XX	XX
Manganese (ppm)	7.0	XX	XX	XX	XX
Zinc (ppm)	7.9	XX	XX	XX	XX

● **RECOMMENDED ADDITIONS FOR HOME GARDEN - Crop Code # 391**

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

Magnesium level is sufficient to meet crop requirement.
Major nutrient requirements can be met with: 12 lb 20-0-20 or 40 lb 6-0-6/1000 sq. ft.
OR requirements can be more accurately met by mixing your own fertilizer this way:
Apply on 1000 sq. ft. a mixture of 5.5 lb urea(46-0-0) for 2.5 lb nitrogen reqmt
plus 11.5 lb muriate of potash(0-0-60) for 6.9 lb potash reqmt. Mix very thoroughly.
Provisional organic matter credit: 1/2 or less of fertilizer should be needed.
Apply fertilizer in spring. Apply 1/2 at planting, 1/2 3-4 weeks later.
Apply 15 lb elemental sulfur/1000 sq. ft. to lower pH to 6.5. Till in well.
If you are using wood ash, discontinue until lime is needed again.

For information on micronutrient management and recommendations, see enclosed form.

● **NUMERICAL RESULTS** (Test methodology: pH in water and Mehlich buffer, available nutrients by modified Morgan extract)
(Organic matter measured by LOI, P determined colorimetrically, all others measured by ICP-OES)

CEC and nutrient balance calculations are based on present pH of 7.4

Level Found	7.4	0.00	793	352	1304	13515	25.8(A)	1.7	20.8	77.4	0.0
	Soil pH	Lime Index 2	Phosphorus (lb/A)	Potassium (lb/A)	Magnesium (lb/A)	Calcium (lb/A)	CEC (me/100 g)	K	Mg (% Saturation)	Ca	Acidity
Optimum Range	6.0-7.0	N/A	20-40	see % Saturation levels	see % Saturation levels	see % Saturation levels	> 5	3.5-5.0	10-20	60-80	< 10
Level Found	20.1	14	0.53	7.0	7.0	7.9					
	Organic Matter(%)	Sulfur (ppm)	Copper (ppm)	Iron (ppm)	Manganese (ppm)	Zinc (ppm)					
Normal Range	5 - 8	> 15	.25-.60	6 - 10	4 - 8	1 - 2					
Level Found	1.4	N/A	N/A	N/A	N/A	N/A					
(Extras)	Boron (ppm)	Sodium (ppm)	Soluble Salts (mmhos/cm)	Nitrate-N (ppm)	Ammonium-N (ppm)						
Normal Range	0.5-1.2										

Additional Results or Comments:
Metals scan:
NORMAL BACKGROUND LEVEL -
no health risk.

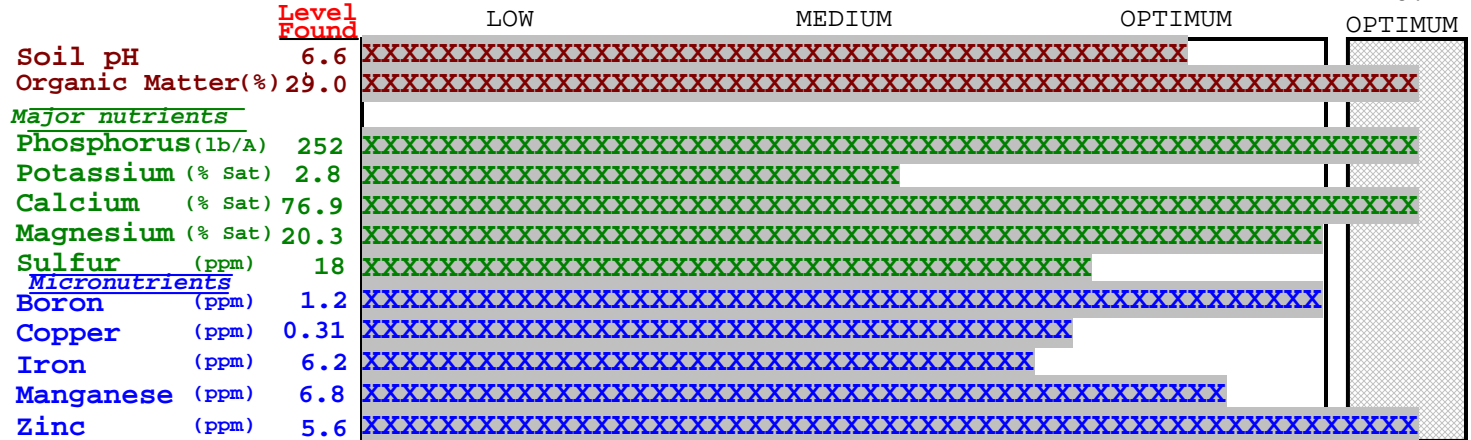
12/12/2022	9209	MIDDLE BOXES	WALDO	391 sq. f
PRINT DATE	LAB NO.	SAMPLE IDENTIFICATION	COUNTY	ACRES OR SQ. FT.

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 10 SHORELAND DRIVE
 BELFAST ME 04915

MAINE SOIL TESTING SERVICE
 UNIVERSITY OF MAINE 
 5722 DEERING HALL
 ORONO,MAINE 04469-5722

●SOIL TEST SUMMARY & INTERPRETATION
 (see Numerical Results section for more information)



●RECOMMENDED ADDITIONS FOR ORGANIC GROWING - Crop Code # 392

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

Magnesium level is sufficient to meet crop requirement.

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Nitrogen(2.5 lb) - from 20 lb bloodmeal or feathermeal or 100 lb alfalfa meal.

Potassium(6.9 lb) - from 13 lb potassium sulfate or 100 lb 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.

Provisional organic matter credit: 1/2 or less of recommended N should be needed.

Apply fertilizer in spring. Apply 1/2 Nitrogen at planting time, 1/2 3-4 weeks later.

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●NUMERICAL RESULTS

(Test methodology: pH in water and Mehlich buffer, available nutrients by modified Morgan extract)
 (Organic matter measured by LOI, P determined colorimetrically, all others measured by ICP-OES)

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

Level Found	6.6	6.10	252	612	1388	12571	28.1(A)	2.8	20.3	76.9	0.0
	Soil pH	Lime Index 2	Phosphorus (lb/A)	Potassium (lb/A)	Magnesium (lb/A)	Calcium (lb/A)	CEC (me/100 g)	K	Mg (% Saturation)	Ca	Acidity
Optimum Range	6.0-7.0	N/A	20-40	see % Saturation levels			> 5	3.5-5.0	10-20	60-80	< 10
Level Found	29.0	18	0.31	6.2	6.8	5.6					
	Organic Matter(%)	Sulfur (ppm)	Copper (ppm)	Iron (ppm)	Manganese (ppm)	Zinc (ppm)					
Normal Range	5 - 8	> 15	.25-.60	6 - 10	4 - 8	1 - 2					
Level Found	1.2	N/A	N/A	N/A	N/A	N/A					
(Extras)	Boron (ppm)	Sodium (ppm)	Soluble Salts (mmhos/cm)	Nitrate-N (ppm)	Ammonium-N (ppm)						
Normal Range	0.5-1.2										


Additional Results or Comments:
 Metals scan:
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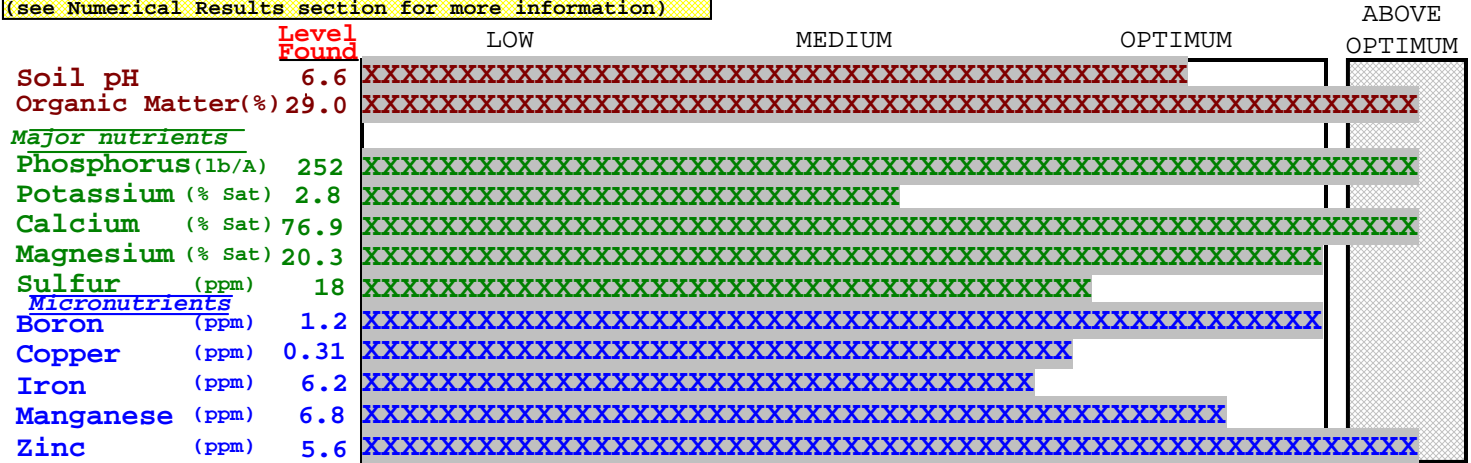
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	Organic Matter (%)	Sulfur (ppm)	Copper (ppm)	Iron (ppm)	Manganese (ppm)	Zinc (ppm)
Normal Range	5 - 8	> 15	.25-.60	6 - 10	4 - 8	1 - 2

Level Found	1.2	N/A	N/A	N/A	N/A
(Extras)	Boron (ppm)	Sodium (ppm)	Soluble Salts (mmhos/cm)	Nitrate-N (ppm)	Ammonium-N (ppm)
Normal Range	0.5-1.2				

Additional Results or Comments:
 Metals scan:
 NORMAL BACKGROUND LEVEL -
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