

SOIL TEST REPORT
UNIVERSITY OF DELAWARE — SOIL TESTING LABORATORY
NEWARK, DELAWARE 19717-1303



BACKGROUND INFORMATION:

Grower copy

VEGETABLEGARDEN		OUT OF STATE	4/05/22	4/12/22	04/29/22	2676	567193
FIELD NAME OR NO.	ACRES	COUNTY	DATE SAMPLED	DATE RECEIVED	DATE COMPLETE	LAB NO.	BAG NO.

SOIL TEST FOR: GROWER

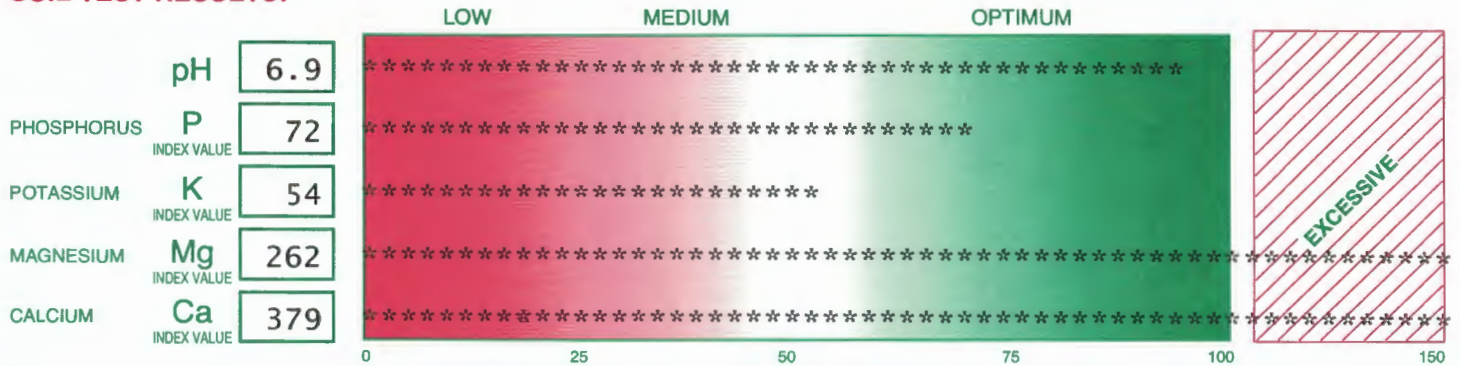
ADDITIONAL COPY TO:

COUNTY AGENT

CYNTHIA MARIEL 24 MANOR CIRCLE #207 TAKOMA PARK MD 20912		
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SOIL NAME	SOIL DRAINAGE	SOIL COLOR	SOIL TEXTURE	SAMPLE DEPTH	TILLAGE	PRESENT COVER	IRRIGATION	INJ. PUMP		
						UNKN				
LAST CROP	YIELD OF LAST CROP	TYPE	T/A WHEN MANURE	N	P ₂ O ₅	K ₂ O	MOS. AGO	T/A LAST LIME	TYPE	OTHER NUTRIENTS

SOIL TEST RESULTS:



5.2	63.8	151.4	21.4	12.0+		7.80	38.9	23.7	93.2	1,11
B	Mn	Zn	SO ₄ -S	% ORGANIC MATTER	SOL. SALTS MMHOS/CM	BUFFER pH	% Phosphorus Saturation	CEC meq/100gm	% Base Saturation	ENCLOSURES

SUGGESTED FERTILIZER PROGRAM:

CROP: VEGETABLE GARDEN

YIELD GOAL: N/A

*****	*****	*****	SEE BELOW	*****	*****	*****	*****
T/A	TYPE	N	P ₂ O ₅	K ₂ O	S	B	
LIME		LBS/A	LBS/A	LBS/	LBS/A	LBS/A	

1. Apply 1 lb of N per 1000 square feet of garden area. This can be supplied by 3.1 lbs ammonium nitrate (34-0-0) or 2.5 lbs of urea (46-0-0). If these two fertilizers are not available, select an alternate source that is low in P as soil levels of P and K are already in the "Optimum" or "Excessive" range.
Apply recommended fertilizer to the soil surface and rake in just before planting.
2. For nitrogen sidedressing instructions, see Soil Test Note 11 (enclosed).

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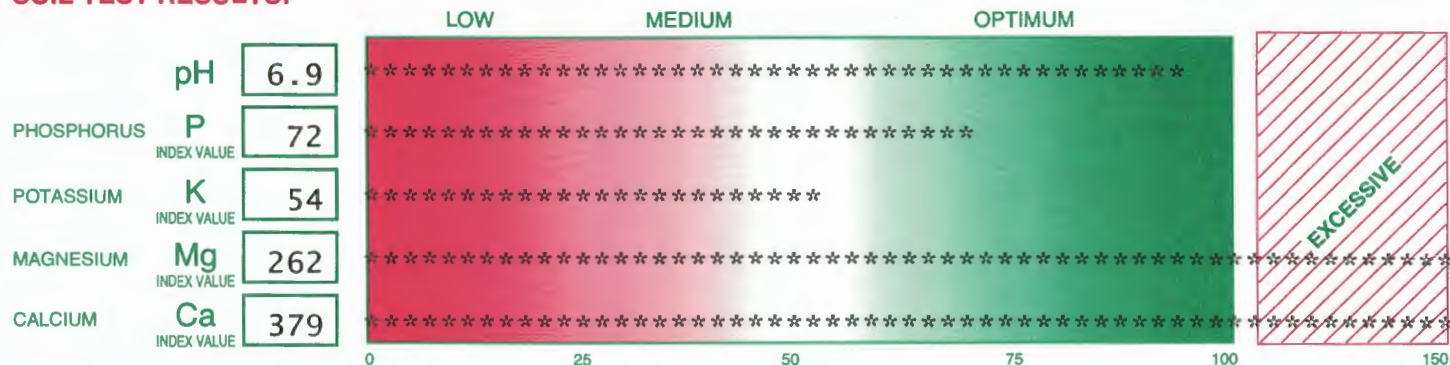
COUNTY AGENT

CYNTHIA MARIEL 24 MANOR CIRCLE #207 TAKOMA PARK MD 20912		
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SOIL NAME	SOIL DRAINAGE	SOIL COLOR	SOIL TEXTURE	SAMPLE DEPTH	TILLAGE	PRESENT COVER	IRRIGATION	INJ. PUMP

							UNKN			
LAST CROP	YIELD OF LAST CROP	TYPE	T/A WHEN MANURE	N	P ₂ O ₅	K ₂ O	MOS. AGO	T/A LAST LIME	TYPE	OTHER NUTRIENTS

SOIL TEST RESULTS:



5.2	63.8	151.4	21.4	12.0+		7.80	38.9	23.7	93.2	1,13
B	Mn	Zn	SO ₄ -S	% ORGANIC MATTER	SOL. SALTS MMHOS/CM	BUFFER pH	% Phosphorus Saturation	CEC meq/100gm	% Base Saturation	ENCLOSURES

SUGGESTED FERTILIZER PROGRAM:

CROP: FLOWER BEDS

YIELD GOAL: N/A

*****	*****	*****	SEE BELOW	*****	*****	*****
T/A	TYPE	N	P ₂ O ₅	K ₂ O	S	B
LIME		LBS/A	LBS/A	LBS/	LBS/A	LBS/A

1. Apply 1 lb of N per 1000 square feet of garden area. This can be supplied by 3 lbs ammonium nitrate (34-0-0) or 2.5 lbs of urea (46-0-0). If these two fertilizers are not available, select an alternate source that is low in P as soil levels of P and K are already in the "Optimum" or "Excessive" range.
Apply recommended fertilizer to the soil surface and rake in just before planting.
2. Next growing season - follow the maintenance fertilizer programs for flowers in Soil Test Note 13 (enclosed).

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NEWARK, DELAWARE 19717-1303



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FIELD NAME OR NO.	ACRES	COUNTY	DATE SAMPLED	DATE RECEIVED	DATE COMPLETE	LAB NO. BAG NO.

SOIL TEST FOR: GROWER

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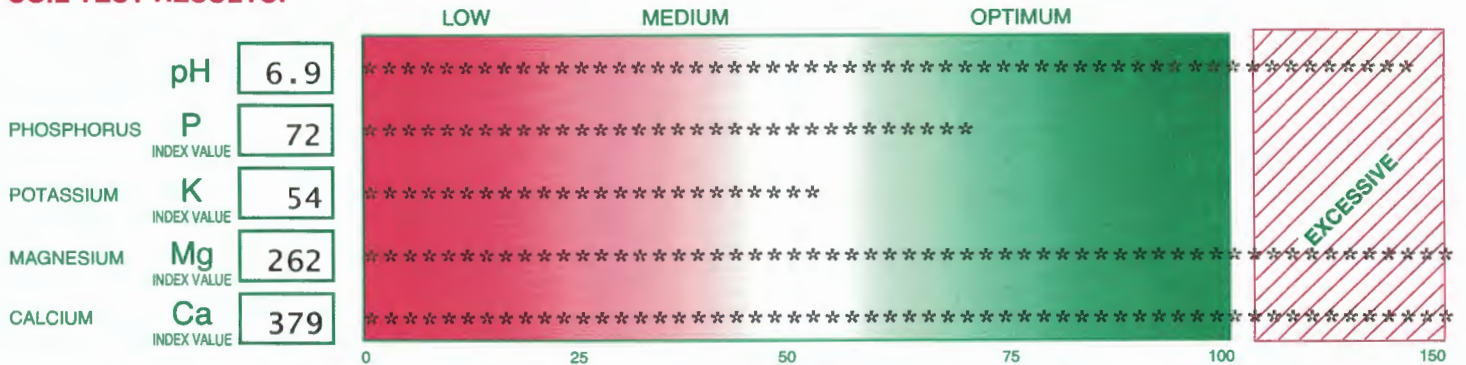
COUNTY AGENT

CYNTHIA MARIEL 24 MANOR CIRCLE #207 TAKOMA PARK MD 20912		
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SOIL NAME	SOIL DRAINAGE	SOIL COLOR	SOIL TEXTURE	SAMPLE DEPTH	TILLAGE	PRESENT COVER	IRRIGATION	INJ. PUMP
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LAST CROP	YIELD OF LAST CROP	TYPE	T/A WHEN MANURE	N	P ₂ O ₅	K ₂ O	MOS. AGO	T/A LAST LIME	TYPE	OTHER NUTRIENTS
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SOIL TEST RESULTS:



5.2	63.8	151.4	21.4	12.0+		7.80	38.9	23.7	93.2	1
B	Mn	Zn	SO ₄ -S	% ORGANIC MATTER	SOL. SALTS MMHOS/CM	BUFFER pH	% Phosphorus Saturation	CEC meq/100gm	% Base Saturation	ENCLOSURES

SUGGESTED FERTILIZER PROGRAM:

CROP: BLUEBERRIES

YIELD GOAL: N/A

*****	*****	*****	SEE BELOW	*****	*****	*****
T/A	TYPE	N	P ₂ O ₅	K ₂ O	S	B
LIME		LBS/A	LBS/A	LBS/	LBS/A	LBS/A

- Nutrient requirements for blueberry plantings are dependent upon the size and maturity of individual bushes. To determine the nutrient recommendation for this area, follow the guidelines in the enclosed section entitled "Blueberries" taken from Cooperative Bulletin No. 59 - The Nutrient Management Handbook for Delaware.



ANALYSIS REPORT ---- SCREENING TEST FOR SOIL LEAD

SOIL TESTING LABORATORY -- UNIVERSITY OF DELAWARE -- NEWARK, DE 19716-2170

1. NAME AND ADDRESSES		LAB USE ONLY
Client: CYNTHIA MARIEL 24 MANOR CIRCLE #207 TAKOMA PARK MD 20912	Additional Copy To:	LAB # 2676
		BAG # 567193
		REC'D: 4/12/22
2. SAMPLE IDENTIFICATION		
VEGETABLEGARDEN YOUR SAMPLE NAME OR NUMBER		4 5 22 DATE SAMPLED)
DEPTH SAMPLED: 7 inches		
INTENDED USES - Vegetable Garden		
3. RESULTS		
Soil Lead Concentration: <u>139</u> parts per million in the soil Current soil pH: 6.9		
Management Recommendation(s): <i>Soil lead is elevated relative to background levels for urban areas, but still less than the recommended limit of 400 parts per million in the soil. To minimize exposure, follow good hygiene practices during and after handling this soil.</i> Maintain a soil pH of at least 6.5 to reduce availability of the lead. Monitor soil nutrient levels as good fertility will minimize the uptake of lead by plants. Where possible, production of root crops should be avoided. Thoroughly wash all vegetables and peel root vegetables that are grown in this soil. <i>Note: If growing acid loving plants (e.g., blueberries, azaleas), raising soil pH to 6.5 may result in poor plant growth. You may wish to maintain a lower soil pH and follow other mentioned practices to minimize exposure to any lead present.</i> See Soil Test Note 17 -- Managing Lead Contaminated Soils for additional information.		