

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



**BACKGROUND INFORMATION:** Grower copy

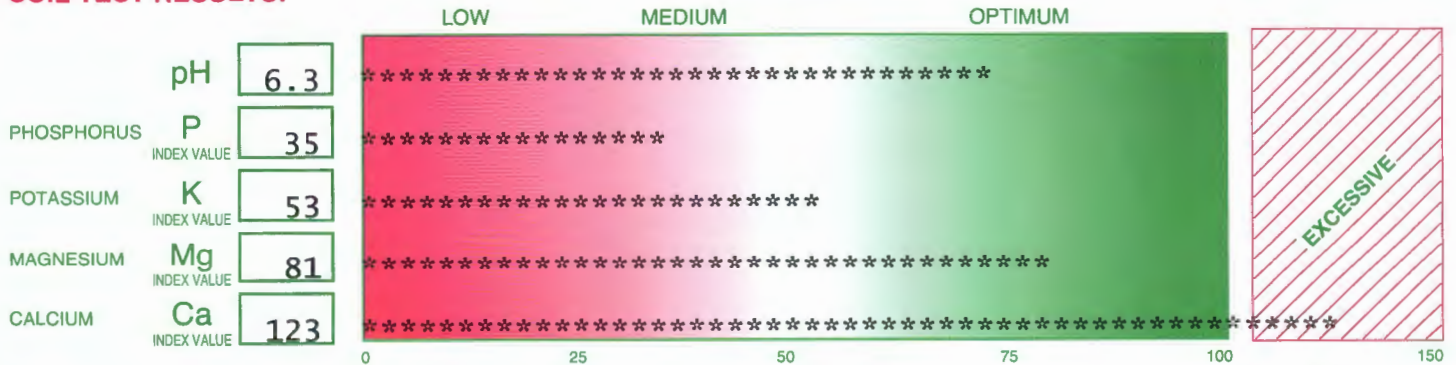
SAREPA	1	OUT OF STATE	10/20/23	11/30/23	12/14/23	1284	168849
FIELD NAME OR NO.	ACRES	COUNTY	DATE SAMPLED	DATE RECEIVED	DATE COMPLETE	LAB NO.	BAG NO.

<b>SOIL TEST FOR: GROWER</b>	<b>ADDITIONAL COPY TO:</b>	<b>COUNTY AGENT</b>
MYEASHA TAYLOR 2801 SISSON ST BALTIMORE, MD 21211		

	MOD WELL	GRAY			CONV PLOW	AUSTRIAN PEA	NO	NO
SOIL NAME	SOIL DRAINAGE	SOIL COLOR	SOIL TEXTURE	SAMPLE DEPTH	TILLAGE	PRESENT COVER	IRRIGATION	INJ. PUMP

OATS	50 LBS			2	14	0	7-12	0.0	CAL	
LAST CROP	YIELD OF LAST CROP	TYPE	T/A WHEN MANURE	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	MOS. AGO	T/A LAST LIME	TYPE	OTHER NUTRIENTS

**SOIL TEST RESULTS:**



1.1	56.5	27.0	37.1	4.2	0.21	7.61	13.8	10.4	70.0	1, 2, 8, 18
B	Mn LBS/ACRE	Zn	SO <sub>4</sub> -S	% ORGANIC MATTER	SOL. SALTS MMHOS/CM	BUFFER pH	% Phosphorus Saturation	CEC meq/100gm	% Base Saturation	ENCLOSURES

**SUGGESTED FERTILIZER PROGRAM:**

<b>CROP:</b> SOYBEANS, CONVENTIONAL	0.0	0	70	60		
<b>TILLAGE:</b>	T/A	TYPE	N LBS/A	P <sub>2</sub> O <sub>5</sub> LBS/A	K <sub>2</sub> O LBS/	S LBS/A
<b>YIELD GOAL:</b> 50 BU/A	LIME					B LBS/A

- The yield goal shown is a realistic yield for non-irrigated soybean in this region in an average to good year. If your realistic yield differs from that shown, see the tables in the enclosed handout "Nutrient Recommendations - Full Season Soybeans" to adjust the nutrient rates for your situation.
- Because soybeans fix their own nitrogen, they do not benefit from preceeding legume covers to the same extent as do crops such as corn. However, there is no harm in following this practice.
- If soybeans have not been satisfactorily grown in this field in previous years, inoculate seed with nitrogen fixing bacteria.
- Recommended phosphorus rate is for broadcast application. If P is to be banded, apply one-half the indicated rate.
- Potash should be broadcast before planting or banded when planting. Do not band more than 75 lbs/A N plus K<sub>2</sub>O or salt injury to seedlings could occur.
- If potash will be banded, reduce rate shown by one-half.
- Manganese level in the soil at this pH is adequate.
- Zinc deficiency is unlikely at this pH, soil zinc and soil phosphorus levels.

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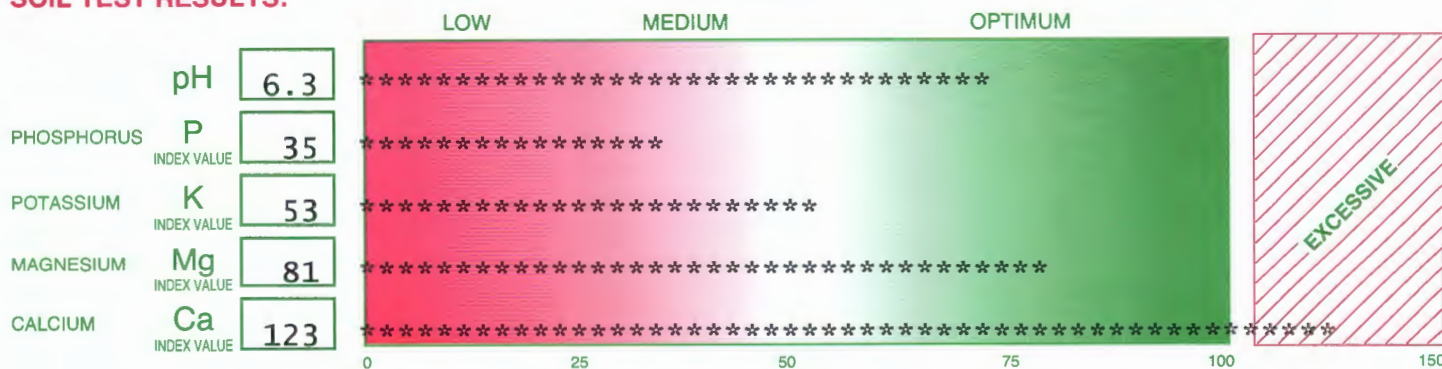
**SOIL TEST FOR: GROWER** **ADDITIONAL COPY TO:** **COUNTY AGENT**

MYEASHA TAYLOR 2801 SISSON ST BALTIMORE, MD	21211		
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	MOD WELL	GRAY			CONV PLOW	AUSTRIAN PEA	NO	NO
SOIL NAME	SOIL DRAINAGE	SOIL COLOR	SOIL TEXTURE	SAMPLE DEPTH	TILLAGE	PRESENT COVER	IRRIGATION	INJ. PUMP

	50 LBS			2	14	0	7-12	0.0	CAL	
LAST CROP	YIELD OF LAST CROP	TYPE	T/A WHEN MANURE	N LAST FERTILIZER	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	MOS. AGO	T/A LAST LIME	TYPE	OTHER NUTRIENTS

**SOIL TEST RESULTS:**



1.1	56.5	27.0	37.1	4.2	0.21	7.61	13.8	10.4	70.0	1,2,8,18
B	Mn	Zn	SO <sub>4</sub> -S	% ORGANIC MATTER	SOL. SALTS MMHOS/CM	BUFFER pH	% Phosphorus Saturation	CEC meq/100gm	% Base Saturation	ENCLOSURES
LBS/ACRE										

**SUGGESTED FERTILIZER PROGRAM:**

**CROP:** SUNFLOWERS

0.0		80	50	0-20		
T/A	TYPE	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	S	B
LIME		LBS/A	LBS/A	LBS/	LBS/A	LBS/A

**YIELD GOAL:**

1. For Austrian pea cover crop, reduce recommended N by 50 lbs/A if peas are 12 inches tall when killed, by 75 lbs if 18 inches, or by 100 lbs/A if 24 inches.
2. Nitrogen use is most efficient when split into at least two applications.
3. Recommended phosphorus rate is for broadcast application. If P is to be banded, apply one-half the indicated rate.
4. Potash should be broadcast before planting or banded when planting. Do not band more than 75 lbs/A N plus K<sub>2</sub>O or salt injury to seedlings could occur.
5. Manganese level in the soil at this pH is adequate.
6. Zinc deficiency is unlikely at this pH, soil zinc and soil phosphorus levels.



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MYEASHA TAYLOR 2801 SISSON ST BALTIMORE, MD	21211	
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	MOD WELL	GRAY			CONV PLOW	AUSTRIAN PEA	NO	NO
SOIL NAME	SOIL DRAINAGE	SOIL COLOR	SOIL TEXTURE	SAMPLE DEPTH	TILLAGE	PRESENT COVER	IRRIGATION	INJ. PUMP

	50 LBS				2	14	0	7-12	0.0	CAL	
LAST CROP	YIELD OF LAST CROP	TYPE	T/A WHEN MANURE	N	P <sub>2</sub> O <sub>5</sub> LAST FERTILIZER	K <sub>2</sub> O	MOS. AGO	T/A LAST LIME	TYPE	OTHER NUTRIENTS	

**SOIL TEST RESULTS:**



1.1	56.5	27.0	37.1	4.2	0.21	7.61	13.8	10.4	70.0	1, 2, 5, 8, 14, 18
B	Mn LBS/ACRE	Zn	SO <sub>4</sub> -S	% ORGANIC MATTER	SOL. SALTS MMHOS/CM	BUFFER pH	% Phosphorus Saturation	CEC meq/100gm	% Base Saturation	ENCLOSURES

**SUGGESTED FERTILIZER PROGRAM:**

**CROP:** CORN, CONVENTIONAL  
**TILLAGE**  
**YIELD GOAL:** 175 BU/A

0.0		175	60	55		
T/A LIME	TYPE	N LBS/A	P <sub>2</sub> O <sub>5</sub> LBS/A	K <sub>2</sub> O LBS/	S LBS/A	B LBS/A

- The yield goal shown is a realistic yield for non-irrigated corn in this region in an average to good year. If your realistic yield differs from that shown, see the tables in the enclosed handout "Nutrient Recommendations - Grain Corn" to adjust the nutrient rates for your situation.
- For Austrian pea cover crop, reduce recommended N by 50 lbs/A if peas are 12 inches tall when killed, by 75 lbs if 18 inches, or by 100 lbs/A if 24 inches.
- Apply 1/4 to 1/3 of the recommended N at planting, the balance to be sidedressed when corn is 15 inches tall.
- Recommended phosphorus rate is for banded application. If P is to be broadcast, rate should be doubled.
- Potash should be broadcast before planting or banded when planting. Do not band more than 75 lbs/A N plus K<sub>2</sub>O or salt injury to seedlings could occur.
- If potash will be banded, reduce rate shown by one-half.
- Manganese level in the soil at this pH is adequate.
- Zinc deficiency is unlikely at this pH, soil zinc and soil phosphorus levels.

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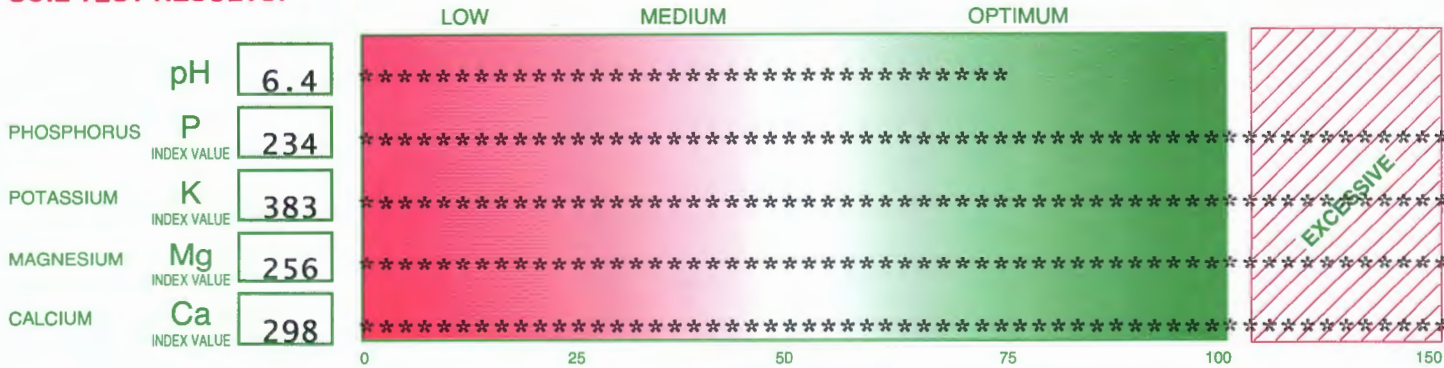
SAREPB	1	OUT OF STATE	10/20/23	11/30/23	12/14/23	1285	168850
FIELD NAME OR NO.	ACRES	COUNTY	DATE SAMPLED	DATE RECEIVED	DATE COMPLETE	LAB NO.	BAG NO.

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MYEASHA TAYLOR 2801 SISSON ST BALTIMORE, MD	21211	

	MOD WELL	NORMAL	SA LO	8-10	CONV PLOW	AUSTRIAN PEA	NO	NO
SOIL NAME	SOIL DRAINAGE	SOIL COLOR	SOIL TEXTURE	SAMPLE DEPTH	TILLAGE	PRESENT COVER	IRRIGATION	INJ. PUMP

CORN CONV TILL	1023 LBS			1	1	NEVER	0.0	UNK	S	MN	ZN
LAST CROP	YIELD OF LAST CROP	TYPE	T/A WHEN MANURE	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	MOS. AGO	T/A LAST LIME	TYPE	OTHER NUTRIENTS	

**SOIL TEST RESULTS:**



4.0	48.9	36.3	535.1	5.2		7.84	100.0	20.8	93.8	1, 2, 5, 8, 18
B	Mn	Zn	SO <sub>4</sub> -S	% ORGANIC MATTER	SOL. SALTS MMHOS/CM	BUFFER pH	% Phosphorus Saturation	CEC meq/100gm	% Base Saturation	ENCLOSURES

**SUGGESTED FERTILIZER PROGRAM:**

**CROP:** OATS

0.0		40-60	0	0		
T/A LIME	TYPE	N LBS/A	P <sub>2</sub> O <sub>5</sub> LBS/A	K <sub>2</sub> O LBS/	S LBS/A	B LBS/A

**YIELD GOAL:** 100 BU/A

- For Austrian pea cover crop, reduce recommended N by 50 lbs/A if peas are 12 inches tall when killed, by 75 lbs if 18 inches, or by 100 lbs/A if 24 inches.
- All of the recommended nitrogen should be topdressed in the early spring when growth resumes.
- Phosphorus level in soil is excessive. Application of phosphorus in fertilizers or manures, other than starter fertilizers, is NOT RECOMMENDED.
- Manganese level in the soil at this pH is adequate.
- Zinc deficiency is unlikely at this pH, soil zinc and soil phosphorus levels.



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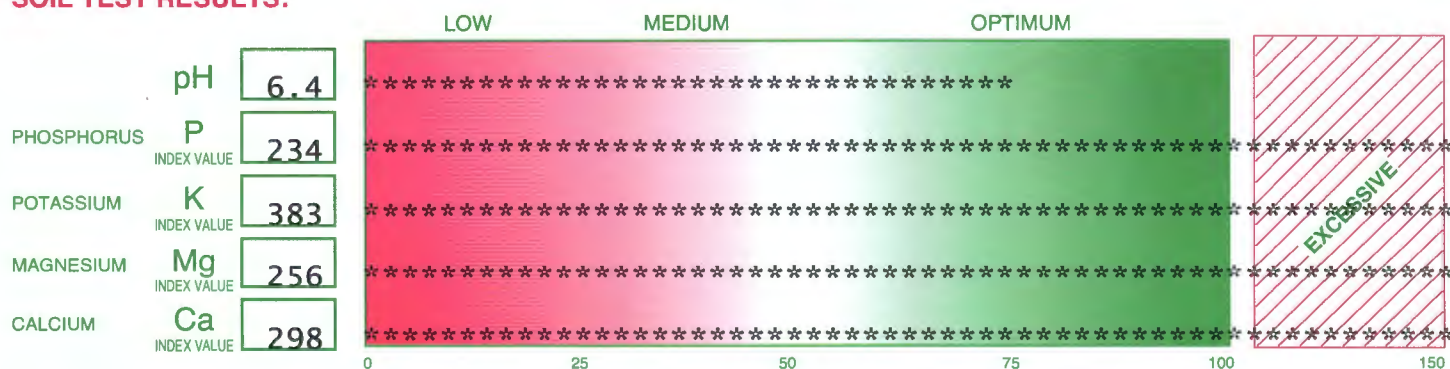
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SOIL NAME	SOIL DRAINAGE	SOIL COLOR	SOIL TEXTURE	SAMPLE DEPTH	TILLAGE	PRESENT COVER	IRRIGATION	INJ. PUMP

	1023 LBS				1	1	1	NEVER	0.0	UNK	S	MN	ZN
LAST CROP	YIELD OF LAST CROP	TYPE	T/A WHEN MANURE	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	MOS. AGO	T/A LAST LIME	TYPE	OTHER NUTRIENTS			

**SOIL TEST RESULTS:**



4.0	48.9	36.3	535.1	5.2		7.84	100.0	20.8	93.8	1, 2, 8, 18
B	Mn LBS/ACRE	Zn	SO <sub>4</sub> -S	% ORGANIC MATTER	SOL. SALTS MMHOS/CM	BUFFER pH	% Phosphorus Saturation	CEC meq/100gm	% Base Saturation	ENCLOSURES

**SUGGESTED FERTILIZER PROGRAM:**

**CROP:** SOYBEANS, CONVENTIONAL  
**TILLAGE:**  
**YIELD GOAL:** 50 BU/A

0.0		0	0	0	
T/A LIME	TYPE	N LBS/A	P <sub>2</sub> O <sub>5</sub> LBS/A	K <sub>2</sub> O LBS/	S LBS/A B LBS/A

- The yield goal shown is a realistic yield for non-irrigated soybean in this region in an average to good year. If your realistic yield differs from that shown, see the tables in the enclosed handout "Nutrient Recommendations - Full Season Soybeans" to adjust the nutrient rates for your situation.
- Because soybeans fix their own nitrogen, they do not benefit from preceding legume covers to the same extent as do crops such as corn. However, there is no harm in following this practice.
- If soybeans have not been satisfactorily grown in this field in previous years, inoculate seed with nitrogen fixing bacteria.
- Phosphorus level in soil is excessive. Application of phosphorus in fertilizers or manures, other than starter fertilizers, is NOT RECOMMENDED.
- Manganese level in the soil at this pH is adequate.
- Zinc deficiency is unlikely at this pH, soil zinc and soil phosphorus levels.