

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



BACKGROUND INFORMATION:

Grower copy

NEW FIELD-2023		NEW CASTLE	3/01/23	3/01/23	03/06/23	8005	899005
FIELD NAME OR NO.	ACRES	COUNTY	DATE SAMPLED	DATE RECEIVED	DATE COMPLETE	LAB NO.	BAG NO.

SOIL TEST FOR: GROWER

ADDITIONAL COPY TO:

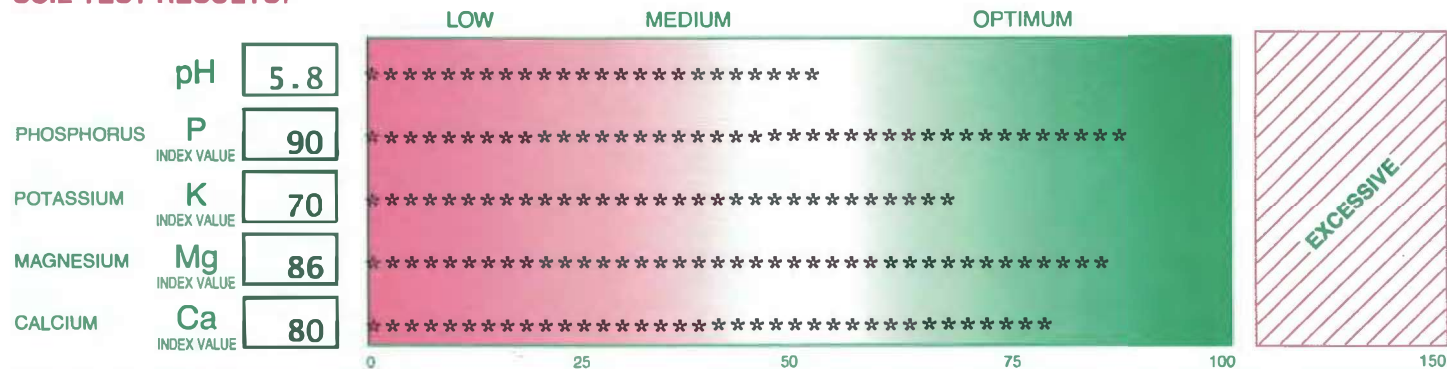
COUNTY AGENT

JOE E BROWN 99 PARKWAY ROAD BLACKBIRD, DE 19719	DAN SEVERSON NEW CASTLE CO. EXT. 461 WYOMING RD. NEWARK, DE 19716-1303 302-831-2506
---	---

MATAPEAK	WELL	NORMAL	LOAM	0- 8	NONE	G/C SOD <50%	NO	NO
SOIL NAME	SOIL DRAINAGE	SOIL COLOR	SOIL TEXTURE	SAMPLE DEPTH	TILLAGE	PRESENT COVER	IRRIGATION	INJ. PUMP

NEW SEEDING-OG							UNKN	0.0	UNK	
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:



1.1	35.1	25.6	20.1	2.0		7.10		8.8		1
B	Mn LBS/ACRE	Zn	SO ₄ -S	% ORGANIC MATTER	SOL. SALTS MMHOS/CM	BUFFER pH	% Phosphorus Saturation	CEC meq/100gm	% Base Saturation	ENCLOSURES

SUGGESTED FERTILIZER PROGRAM:

CROP: ORCHARDGRASS
ESTABLISHED STAND

YIELD GOAL: 6-7 TONS/AC

0.5	HI-MAG	SEE BELOW	0	240		
T/A	TYPE	N LBS/A	P ₂ O ₅ LBS/A	K ₂ O LBS/	S LBS/A	B LBS/A
	LIME					

1. Topdressing lime at the indicated rate will raise soil pH over time
2. On established stands, apply 45 lbs N/ac in the spring at greenup.
3. After all but the last harvest of the season, apply 90 lbs N/ac.
4. After the last harvest, apply 45lbs N/ac.
5. Soil test P is in the optimum range. No additional phosphate is needed at this time.
6. Split the recommended rate of potash and ½ after the first harvest and the remainder after the last harvest of the season.
7. Manganese level in the soil is adequate at this soil pH and soil test Mn level.
8. Zinc level in the soils is adequate at this soil pH, soil test P and soil test Zn level.