

# SOIL TEST REPORT

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



## BACKGROUND INFORMATION:

Grower copy

|                   |       |            |              |               |               |         |         |
|-------------------|-------|------------|--------------|---------------|---------------|---------|---------|
| NEW FIELD-ORIGL   |       | NEW CASTLE | 9/01/21      | 9/01/21       | 09/06/21      | 8003    | 899003  |
| FIELD NAME OR NO. | ACRES | COUNTY     | DATE SAMPLED | DATE RECEIVED | DATE COMPLETE | LAB NO. | BAG NO. |

## SOIL TEST FOR: GROWER

## ADDITIONAL COPY TO:

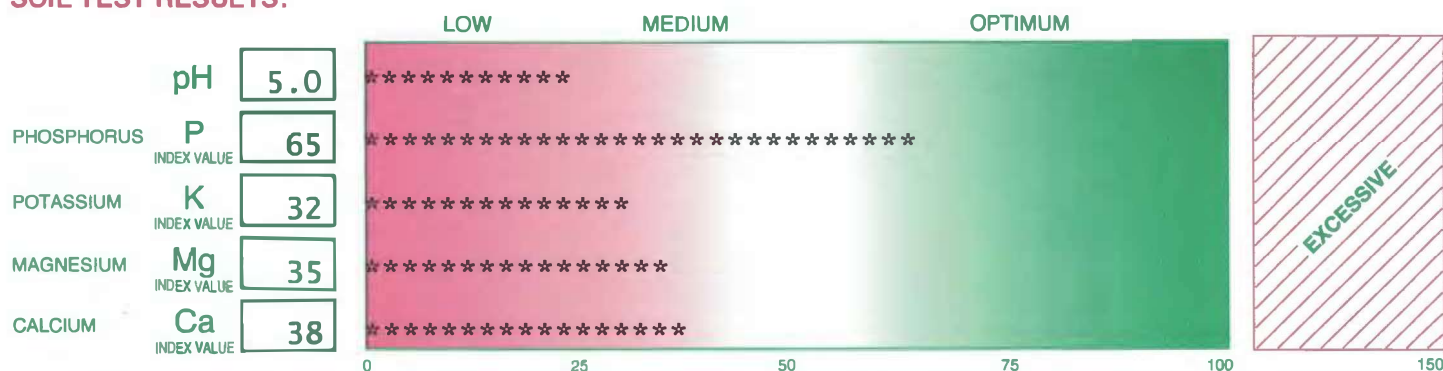
## COUNTY AGENT

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

|           |               |             |              |              |         |               |                      |
|-----------|---------------|-------------|--------------|--------------|---------|---------------|----------------------|
| MATAPEAK  | WELL          | NORMAL LOAM | 0- 8         | DISK ONLY    | FALLOW  | NO            | NO                   |
| SOIL NAME | SOIL DRAINAGE | SOIL COLOR  | SOIL TEXTURE | SAMPLE DEPTH | TILLAGE | PRESENT COVER | IRRIGATION INJ. PUMP |

|                |                    |      |                 |   |                               |                  |          |               |                 |
|----------------|--------------------|------|-----------------|---|-------------------------------|------------------|----------|---------------|-----------------|
| CORN CONV TILL |                    |      |                 |   |                               | UNKN             | 0.0      | UNK           |                 |
| 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 | OTHER NUTRIENTS |

## SOIL TEST RESULTS:



|     |       |      |                    |                  |                     |           |                         |               |                   |            |
|-----|-------|------|--------------------|------------------|---------------------|-----------|-------------------------|---------------|-------------------|------------|
| 1.1 | 101.5 | 35.6 | 23.7               | 2.0              |                     | 7.10      |                         | 8.8           |                   | 1          |
| 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:** ORCHARDGRASS  
NEW SEEDING

|      |        |           |                               |                  |       |       |
|------|--------|-----------|-------------------------------|------------------|-------|-------|
| 3.5  | HI-MAG | SEE BELOW | 92                            | 180              |       |       |
| 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:

- Lime will be most effective if broadcast and incorporated into the top 6-8 inches of the soil.
- For late summer / fall seedings, if little weed competition is expected, apply 22.5 lbs N/ac when seedlings are 1-2 inches tall.
- Broadcast and disk in the recommended rate of phosphate well ahead of seeding.
- For new plantings using conventional tillage where applied nutrients can be worked into the top 6 to 8 inches of the soil. Apply the recommended rate of potash as a broadcast application and incorporate thoroughly into the soil well ahead of seeding.
- Soil test manganese and zinc levels are adequate in this field.
- Hi-Mag lime, also know as dolomitic lime, will supply both needed calcium and magnesium.