## SOIL TEST REPORT

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



| BACKGROUND INFO                                  | RMA   | ΓΙΟN:              |                     | Growe                  | r cop           | У  |                         |                         |                          |            |             |
|--|-------|--------------------|---------------------|------------------------|-----------------|--|-------------------------|-------------------------|--------------------------|------------|-------------|
| BBF SAREPA                                       | 1     | OUT OI             | STATE               | 3/0                    | 8/23            | 3/2  | 4/23                    | 04/24/                  | 23 28                    | 28         | 168443      |
| FIELD NAME OR NO.                                | ACRES | COU                | NTY                 | DATE SAM               | IPLED           | DATE RE                                      | CEIVED                  | DATE COMPL              | ETE LAB                  | NO.        | BAG NO.     |
| SOIL TEST FOR: GROW                              | ER    |                    | ADDITIO             | NAL COP                | Y TO:           |  | C                       | OUNTY AC                | BENT                     |            |             |
| MYEASHA TAYLOR<br>2801 SISSON ST<br>BALTIMORE MD | SUI   | ΓΕ 202<br>21211    |                     |                        |                 |  |                         |                         |                          |            |             |
|  | MOI   | D WELL             | NORMAL              | SA LO                  | 6- 8            | CON  | V PLO                   | G/C S                   | OD <50                   | )% 1       | NO NO       |
| SOIL NAME  | DF    | SOIL               | SOIL<br>COLOR       | SOIL<br>TEXTURE        | SAMPLE<br>DEPTH | TIL  | LAGE                    | PRESE                   | NT COVER                 | IRRI       | GATION INJ. |
|  |       | 0                  | LBS                 |                        |                 |  | N                       | EVER 0.                 | 0 UNK                    | S B        | MN ZN       |
| LAST CROP  |       | YIELD<br>LAST C    |                     | MANURE                 |                 | P <sub>2</sub> O <sub>5</sub><br>ST FERTILIZ |                         | S. AGO T/A<br>LAST LIM  | TYPE                     | OTHER      | RNUTRIENTS  |
| SOIL TEST RESULTS:                               |       | LOV                | V                   | MEDIUM                 | 1               |  | OP                      | TIMUM                   |                          |            |             |
| PHOSPHORUS PINDEX VALUE  POTASSIUM KINDEX VALUE  | 43    | *                  | *******<br>*****    | ·<br>·                 | ir vite         |  | ****                    | ****                    | ******                   | ***        | \$CE5914    |
| CALCIUM Ca                                       | 72    | *****              | *****               | ******                 | *****           | ****   | ****                    |                         |                          |            |             |
| INDEX VALUE                                      |       | 0                  | 25                  |                        | 50              |  |                         | 75                      | 100                      |            | 150         |
| 0.8 50.0   | 5.8   |                    | 1.9                 | 0.0                    | 06 7            | .72  | 5.2                     | 7.6                     | 70.7                     | 1,2        | ,5,8,14,1   |
| B Mn Z<br>LBS/ACRE                               | n     | SO <sub>4</sub> -S | % ORGANIC<br>MATTER | SOL. SALTS<br>MMHOS/CM |                 | ER pH  | % Phosphorus Saturation | CEC<br>meq/100gm        | % Base<br>Saturation     | ENG        | CLOSURES    |
| SUGGESTED FERTILI                                | ZER P | ROGRAM             | i:                  |                        |                 | -  |                         |                         |                          |            | T           |
| CROP: CORN, CON                                  | VENT  | IONAL              | 0                   | .0                     |                 | 175  |                         | 95                      | 55                       |            |             |
| TILLAGE YIELD GOAL: 175                          |       |                    | T/A                 | LIME                   | PE              | N<br>LBS/A                                   | P                       | 2O <sub>5</sub><br>3S/A | K <sub>2</sub> O<br>LBS/ | S<br>LBS/A | B<br>LBS/A  |
| _, _   |       |                    |                     |                        |                 |  |                         |                         |                          |            |             |

- 1. The yield goal shown is a realistic yield for non-irrigates 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.
- 2. Little or no reduction in N fertilizer should be made when clover comprises less than 50% of the stand in a grass-clover sod.
- 3. Apply 1/4 to 1/3 of the recommended N at planting, the balance to be sidedressed when corn is 15 inches tall.
- 4. Recommended phosphorus rate is for banded application. If P is to be broadcast, rate should be doubled.
- 5. Potash should be broadcast before planting or banded when planting. Do not band more than 75 lbs/A N plus K2O or salt injury to seedlings could occur.
- 6. If potash will be banded, reduce rate shown by one-half.
- 7. Manganese level in the soil at this pH is adequate.
- 8. Zinc deficiency is unlikely at this pH, soil zinc and soil phosphorus levels.

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|-----------|------------------------------|-------|--------------------|---------------------|------------------------|-----------------|-------------------------------|----------------------------|-----------------|---------------|------------------|----------------|--------------|
| BBF SAF   | REPB                         | 1     | OUT C              | F STATE             | 3/08                   | 3/23            | 3/2                           | 24/23                      | 04/2            | 4/23          | 2829             | 2829 16844     |              |
| FIELD N   | AME OR NO.                   | ACRES | C                  | YTNUC               | DATE SAM               | IPLED           | DATE F                        | RECEIVED                   | DATE CO         | OMPLETE       | LAB N            | AB NO. BAG NO. |              |
|           | FOR: GROV                    |       |                    | ADDITIO             | ONAL COP               | Y TO:           |                               | С                          | OUNTY           | AGEN          | T                |                |              |
|           | TAYLOR<br>ISSON ST<br>DRE MD |       | TE 202<br>21211    |                     |                        |                 |                               |                            |                 |               |                  |                |              |
|           |                              | MO    | D WELI             | NORMAL              | SA LO                  | 6- 8            | CON                           | NV PLOV                    | v G/C           | SOD           | <50%             | NO             | NO           |
| SOI       | L NAME                       |       | SOIL               | SOIL                | SOIL<br>TEXTURE        | SAMPLE<br>DEPTH | Т                             | ILLAGE                     | PR              | ESENT (       | COVER            | IRRIGATION     | INJ.<br>PUMP |
|           |                              |       |                    |                     |                        |                 |                               | 1                          | JNKN            | 0.0           | UNK              |                |              |
| -         | LAST CROP                    |       |                    | LD OF TY            | PE T/A WHEI            |                 | P <sub>2</sub> O <sub>5</sub> |                            | OS. AGO<br>LAS  | T/A<br>T LIME | TYPE             | OTHER NUTRIE   | NTS          |
| SOIL TES  | T RESULTS                    | 3:    | L                  | OW                  | MEDIUM                 |                 |                               | OP                         | TIMUM           |               |                  |                |              |
|           | рН 6                         | 0.0   |                    | *****               | *****                  | ****            | * * * * *                     | *                          | -               |               |                  |                |              |
| PHOSPHORU | S P                          | 6     | * * *              |                     |                        |                 |                               |                            |                 |               |                  |                |              |
| OTASSIUM  | K<br>INDEX VALUE             | 69    | ****               | *****               | *****                  | ****            | ****                          | ****                       |                 |               |                  | tets !         |              |
| AGNESIUM  | Mg 1                         | L40   | ****               | ****                | *****                  | * * * * *       | ****                          | *****                      | ****            | ****          | ****             | ***            |              |
| CALCIUM   | Ca 1                         | 14    | ****               | ****                | ****                   | ****            | ****                          | ****                       | * * * * *       | ****          | ****             | *////          |              |
|           |                              |       | 0                  | 25                  |                        | 50              |                               |                            | 75              | 7             | 100              |                | 150          |
| 1.2       | 76.6 1                       | 18.7  | 19.4               | 3.3                 | 0.0                    | 9 7             | .71                           | 6.4                        | 9.              | 9 7           | 6.5 1            | ,2,5,8         | ,14          |
| В         | Mn LBS/ACRE                  | Zn    | SO <sub>4</sub> -S | % ORGANIC<br>MATTER | SOL. SALTS<br>MMHOS/CM | BUFI            | ER pH                         | % Phosphorus<br>Saturation | S CEC<br>meg/10 |               | Base<br>turation | ENCLOSU        | RES          |

## SUGGESTED FERTILIZER PROGRAM:

CROP: CORN, CONVENTIONAL

TILLAGE YIELD GOAL: 175 BU/A

| 0.0      | 175   | 80                            | 55               |       |       |
|----------|-------|-------------------------------|------------------|-------|-------|
| T/A TYPE | N     | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O | S     | В     |
| LIME     | LBS/A | LBS/A                         | LBS/             | LBS/A | LBS/A |

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