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"Every acre...Every year®"

**SOIL ANALYSIS**

|          |          |   |
|----------|----------|---|
| Client : | Grower : | Report No:<br>Cust No:<br>Date Printed: 12/18/2017<br>Date Received : 12/13/2017<br>PO:<br>Page : 1 of 15 |
|----------|----------|---|

Lab Number :                      Field Id :                      Sample Id : 1

| Test             | Method | Results       | SOIL TEST RATINGS |     |        |         |           | Calculated Cation Exchange Capacity |                               |
|------------------|--------|---------------|-------------------|-----|--------|---------|-----------|-------------------------------------|-------------------------------|
|                  |        |               | Very Low          | Low | Medium | Optimum | Very High |                                     |                               |
| Soil pH          | 1:1    | 7.3           |                   |     |        |         |           | <b>10.0 meq/100g</b>                |                               |
| Buffer pH        |        |               |                   |     |        |         |           | <b>%Saturation</b>                  |                               |
| Phosphorus (P)   | M3     | 191 ppm       |                   |     |        |         |           | <b>%sat</b>                         | <b>meq</b>                    |
| Potassium (K)    | M3     | 195 ppm       |                   |     |        |         |           | K                                   | 5.0    0.5                    |
| Calcium (Ca)     | M3     | 1726 ppm      |                   |     |        |         |           | Ca                                  | 86.3    8.6                   |
| Magnesium (Mg)   | M3     | 109 ppm       |                   |     |        |         |           | Mg                                  | 9.1    0.9                    |
| Sulfur (S)       | M3     | 12 ppm        |                   |     |        |         |           | H                                   | 0.0    0.0                    |
| Boron (B)        | M3     | 0.5 ppm       |                   |     |        |         |           |                                     |                               |
| Copper (Cu)      |        |               |                   |     |        |         |           |                                     |                               |
| Iron (Fe)        |        |               |                   |     |        |         |           | <b>K/Mg Ratio:</b>                  | 0.55 <input type="checkbox"/> |
| Manganese (Mn)   |        |               |                   |     |        |         |           | <b>Ca/Mg Ratio:</b>                 | 9.48 <input type="checkbox"/> |
| Zinc (Zn)        |        |               |                   |     |        |         |           |                                     |                               |
| Sodium (Na)      |        |               |                   |     |        |         |           |                                     |                               |
| Soluble Salts    |        |               |                   |     |        |         |           |                                     |                               |
| Organic Matter   | LOI    | 3.3 % ENR 110 |                   |     |        |         |           |                                     |                               |
| Nitrate Nitrogen |        |               |                   |     |        |         |           |                                     |                               |
|                  |        |               |                   |     |        |         |           |                                     |                               |
|                  |        |               |                   |     |        |         |           |                                     |                               |

**SOIL FERTILITY GUIDELINES**

Crop : Soybeans                      Yield Goal : 55    bu/acre                      Rec Units:                      LB/ACRE

| (lbs) | LIME | (tons) | N | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O | Mg | S  | B   | Cu | Mn | Zn | Fe |
|-------|------|--------|---|-------------------------------|------------------|----|----|-----|----|----|----|----|
| 0     |      | 0      | 0 | 0                             | 47               | 0  | 14 | 0.5 |    |    |    |    |

Crop :                      Rec Units:

Comments :

**Soybeans**

· For soybeans on soils with a pH of 6.2 or less, apply limestone as recommended and plant seed treated with molybdenum. Apply 1-2 oz of sodium molybdate (0.4-0.8 oz of elemental molybdenum) per acre as a seed treatment.