



Submitted by

Submitted for

Laboratory Sample #

TRIPLE OPTION - DIAGNOSTICS

Date Received
20-Nov-2014

Date Reported
21-Nov-2014

Information Sheet #

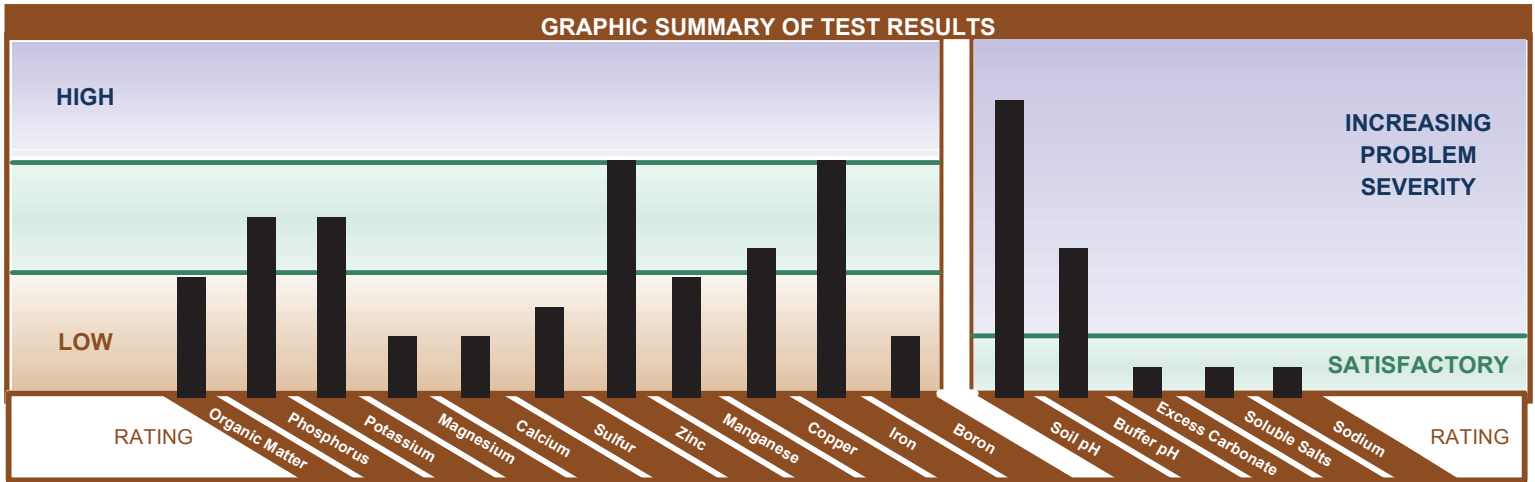
Laboratory Turnaround

1 Day

Samples Will Be Stored Until

05-Dec-2014

Field Identification



| REPORT OF ANALYSIS | |
|---|------|
| YOUR SAMPLE NUMBER | |
| P | |
| Soil pH | 5.4 |
| Buffer Index | 6.9 |
| Excess Carbonate | VL |
| Soluble Salts mmhos/cm | 0.2 |
| Sodium ppm | 9.0 |
| % Organic Matter | 1.5 |
| ANALYSIS OF NUTRIENT ELEMENTS IS IN PARTS PER MILLION (ppm) | |
| Nitrate N | 8.5 |
| Phosphorus Bray 1 Olsen | 30 |
| Potassium | 189 |
| Magnesium | 83 |
| Calcium | 794 |
| Sulfate Sulfur | 4 |
| Zinc | 4.3 |
| Manganese | 3.6 |
| Copper | 0.4 |
| Iron | 59.0 |
| Boron | 0.2 |
| Bulk Density | 1.6 |

| FERTILIZER GUIDELINES IN: Lbs/Acre | | | | | | | | | |
|------------------------------------|-------|--------------------|-------------------------------|------|--------------------|-------------------------------|--|--------------------|--|
| 1st Option Intended Crop | | | 2nd Option Intended Crop | | | 3rd Option Intended Crop | | | |
| Corn | | | Soybeans | | | Yield Goal | | | |
| Yield Goal | | | Yield Goal | | | Yield Goal | | | |
| 250 BU | | | 80 BU | | | Yield Goal | | | |
| Preceding Crop | | | Preceding Crop | | | Preceding Crop | | | |
| Corn | | | Corn | | | Preceding Crop | | | |
| PLANT FOOD GUIDELINE RANGES | | CROP REMOVAL RATES | PLANT FOOD GUIDELINE RANGES | | CROP REMOVAL RATES | PLANT FOOD GUIDELINE RANGES | | CROP REMOVAL RATES | |
| N | 270.0 | 300 | N | 0.0 | 0 | N | | | |
| P ₂ O ₅ | 75.0 | 100 | P ₂ O ₅ | 40.0 | 64 | P ₂ O ₅ | | | |
| K ₂ O | 85.0 | 75 | K ₂ O | 90.0 | 110 | K ₂ O | | | |
| MgO | 32.5 | | MgO | 26.0 | | MgO | | | |
| S | 20.0 | | S | 18.3 | | S | | | |
| Zn | 0.0 | | Zn | 0.0 | | Zn | | | |
| Mn | 9.3 | | Mn | 6.0 | | Mn | | | |
| Cu | 0.3 | | Cu | 0.0 | | Cu | | | |
| Fe | 0.0 | | Fe | 0.0 | | Fe | | | |
| B | 1.8 | | B | 1.0 | | B | | | |
| Lime | 647 | | Lime | 647 | | Lime | | | |

Lime Guidelines are for 100% Effective Calcium Carbonate (ECC) with a 6" Incorporation Depth.

| ACTUAL AND SUGGESTED PERCENT OF TOTAL CEC (BASE SATURATION) | | | | | | | | ESTIMATED | | |
|---|--------------------|--------------------|---------------------|--------------------|---------------------|------------------|-------------------|-----------------|------------------|-------------------|
| Actual % Hydrogen | Suggested Hydrogen | Actual % Potassium | Suggested Potassium | Actual % Magnesium | Suggested Magnesium | Actual % Calcium | Suggested Calcium | Actual % Sodium | Suggested Sodium | CEC for Your Soil |
| 31.6 | 0 - 5 | 6.4 | 4.1 - 7 | 9.1 | 15 - 20 | 52.3 | 65 - 75 | 0.5 | 0 - 5 | 7.6 |