SOIL TEST REPORT FOR:

EXAMPLE AGRONOMIC CROP

Standard Soil Test

SOIL TEST SUMMARY & INTERPRETATION

[see Numerical Results section for more information]

- Soil pH
  - Level Found: 5.8
  - LOW
  - MEDIUM
  - OPTIMUM
  - ABOVE OPTIMUM

- Organic Matter (%): 5.7

Major nutrients

- Phosphorus (lb/A): 11.8
- Potassium (% Sat): 1.5
- Calcium (% Sat): 39.2
- Magnesium (% Sat): 6.4
- Sulfur (ppm): 18

Micronutrients

- Boron (ppm): 0.3
- Copper (ppm): 1.03
- Iron (ppm): 11
- Manganese (ppm): 4.0
- Zinc (ppm): 1.8

RECOMMENDED ADDITIONS FOR

CORN SILAGE - Crop Code # 164

To raise soil pH to 6.0, apply 1500 pounds of lime per acre.
To raise soil pH to 6.5, apply 4500 pounds of lime per acre.
Lime recommendation assumes a calcium carbonate equivalence (neutralizing value) of 100%.
To meet crop magnesium requirement, use a magnesium lime.
Recommended major nutrient application rates as follows:
- Nitrogen: See management statements below.
  - 100 pounds phosphate per acre
  - 240 pounds potash per acre

Apply up to 40 lb/A each of nitrogen, phosphate, and potash through the planter.
Remaining P & K should be broadcast preplant.

*******Nitrogen Management********

*Best mgt: Sample soil for nitrate analysis when corn 8-12 inches tall.
Exact recommendations for N sidedress will be made at that time.

*Next best option: With no nitrate soiltest, sidedress 80 lb N/ac when corn is 8-12 inches tall.
Note: for organic sources of nitrogen, calculate application rate to supply 150 pounds of available N for a 20 ton/acre yield goal.

Soil zinc level is adequate. No extra yield expected from additional zinc.

For information on micronutrient management and recommendations, see enclosed form.

NUMERICAL RESULTS

[Test methodology: pH in water and Mehlich buffer, available nutrients by modified Morgan extract]
[Organic matter measured by LOI, P determined colorimetrically, all others measured by ICP-OES]

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<th>11.8</th>
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<th>126</th>
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Optimum Range

- Soil pH: 6.0-7.0
- Lime Index: N/A
- Phosphorus (lb/A): 10-40
- Potassium (lb/A): see % Saturation levels
- Calcium (lb/A): > 5
- Magnesium (lb/A): 2.8-4.0
- Copper (ppm): 10-20
- Iron (ppm): 60-80
- Manganese (ppm): < 10
- Zinc (ppm): 10-20
- Calcium (lb/A): 60-80
- Magnesium (lb/A): < 10
- Copper (ppm): 20-40
- Iron (ppm): 60-80
- Manganese (ppm): < 10
- Zinc (ppm): 10-20

Additional Results or Comments:

Full payment received for this sample. Thank you.