

Grower:
Farm/Field:
Sample ID:
Date:

Overall Soil Health Score - 18

VERY LOW 0-20

Difficult growing conditions due to low fertilizer efficiency and high environmental stress. Enhancing soil health is essential for addressing biological and nutritional constraints.

LOW 21-40

Unstable crop production and elevated pest pressure are possible. Advancing soil health leads to improved fertilizer performance, and greater resistance to pest and disease pressure.

MODERATE 41-60

Soil begins to support stronger plant growth with enhanced pest suppression and microbial activity. Continued progress improves yield reliability and nutrient cycling.

HIGH 61-80

Crop performance improves through effective nutrient use and active carbon cycling. Further improvement strengthens biological resilience and overall soil stability.

VERY HIGH 81-100

Soil operates at peak performance with robust biology, low stress impact, and superior crop support. Sustaining this level ensures long-term productivity.

Fungi:Bacteria Ratio
Moderate

1:308
OPTIMAL: 1:1

Microbial balance is improving. Soil biology begins supporting better plant health and reduced disease vulnerability.

Respiration
Low



The rate of soil respiration is minimal. Limited biological activity hinders nutrient processing and plant development.

Stress Adaptation
Very Low



Soil has limited stress adaptation. It is susceptible to pests, drought, and other environmental pressures.

Disease Risk
Moderate



1. Goss' Wilt
2. Aspergillus Rot
3. Fusarium Rot
4. Pythium Rot
5. Red Root Rot

Soil Composition & Available Nutrients

Total Biological Species
689

Mycorrhiza Ratio
Only Ecto.

Microbial Active Carbon
12.1%

Organic Matter
3.4%

Soluble Salt
0.5 mmho/cm

pH
5.9

Carbon TOTAL (LBS)
23520

PATHWAY



AVAILABLE (LBS)

348

Nitrogen TOTAL (LBS)
4151

PATHWAY



AVAILABLE (LBS)

96

Phosphorus TOTAL (LBS)
720

PATHWAY



AVAILABLE (LBS)

23

Potassium TOTAL (LBS)
1200

PATHWAY



AVAILABLE (LBS)

84

Sulfur
7.9 ppm

Zinc
0.7 ppm

Calcium
659.5 ppm

Sodium
30.2 ppm

Magnesium
101.1 ppm

Manganese
7.6 ppm

Copper
0.1 ppm

Iron
52.3 ppm

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Product Recommendations Summary

 Corn

CROP PROTECTION

- Protection
- Protection
- Protection

BIOLOGICALS / NUTRITION

- Nutrition
- Nutrition
- Nutrition

OTHER

- Other
- Other
- Other

 Soybeans

CROP PROTECTION

- Protection
- Protection
- Protection

BIOLOGICALS / NUTRITION

- Nutrition
- Nutrition
- Nutrition

OTHER

- Other
- Other
- Other

 Alfalfa

CROP PROTECTION

- Protection
- Protection
- Protection

BIOLOGICALS / NUTRITION

- Nutrition
- Nutrition
- Nutrition

OTHER

- Other
- Other
- Other

 Small Grains

CROP PROTECTION

- Protection
- Protection
- Protection

BIOLOGICALS / NUTRITION

- Nutrition
- Nutrition
- Nutrition

OTHER

- Other
- Other
- Other

KEY INSIGHTS