



NUTRIENT EFFICIENCY REPORT

Grower:

Farm/Field:

Sample ID:

Date:

Overall Nutrient Efficiency Score - 20

VERY LOW 0-20

Limited plant growth and poor crop performance will be the dominating condition as fertilizer cycling is restricted. Improving soil health is key to addressing these nutrient efficiency issues.

LOW 21-40

Crop production and yield results will likely be challenged and inconsistent and pest pressure could increase. Developing better soil health has been shown to greatly enhance fertilizer efficiency and increase resistance to pests and disease.

MODERATE 41-60

Enhanced soil health leads to greater fertilizer efficiency and results in a more uniform plant response. Ongoing advancements contribute to increased yield and improved nutrient cycling.

HIGH 61-80

Improved crop performance is achieved through optimized nutrient utilization and the presence of robust microbial communities. Additionally, improved carbon cycling further augments nutrient efficiency.

VERY HIGH 81-100

Fertilizer efficiency is maximized with strong biological activity, minimal stress factors, and enhanced crop support. Maintaining these conditions promotes sustained long-term fertilizer efficiency.

Soil Composition & Available Nutrients

Carbon:Nitrogen Ratio

12.9

Microbial Active Carbon

44.2%

Organic Matter

2.8%

Soluble Salt

0.1 mmho/cm

pH

5.6

Sulfur

12.7 ppm

Zinc

3.8 ppm

Respiration

65.5

Carbon

HIGH
ACCESSIBILITY

TOTAL (LBS)

34800

AVAILABLE (LBS)

355

Nitrogen

LOW
ACCESSIBILITY

TOTAL (LBS)

3096

AVAILABLE (LBS)

45

Phosphorus

LOW
ACCESSIBILITY

TOTAL (LBS)

1176

AVAILABLE (LBS)

44

Potassium

LOW
ACCESSIBILITY

TOTAL (LBS)

3312

AVAILABLE (LBS)

103

Calcium

MODERATE
ACCESSIBILITY

TOTAL (LBS)

5160

AVAILABLE (LBS)

1177