

Soil Test Report

Lab #: 2021- 89189

Plant Solutions
Michael Haskell

Date Received: 2021-03-19
Date Reported: 2021-03-30

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Referred To: Rutgers Cooperative Ext. of Somerset County
(908)526-6293

Crop or Plant

Established Turfgrass, cool season (primary)
Established Ornamental shrubs and small trees, acid-loving (secondary)

Sample ID:

Results and Interpretations

Loam

pH: 5.88 Moderately acidic; below optimum for many plants but tolerated by acid-loving species.



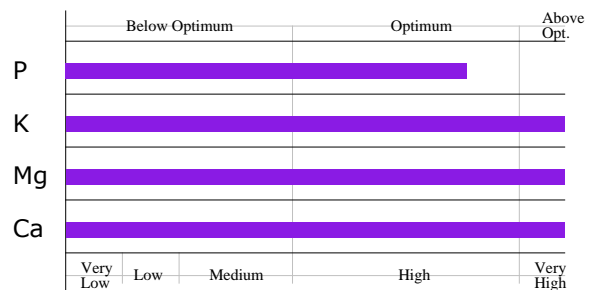
Lime Requirement Index: 7.38

The Lime Requirement Index (LRI) is a measure of the buffering capacity of the soil, its resistance to pH change, and is used to determine the appropriate amount of limestone, when necessary. LRI value near 8.0 indicates low buffering capacity of soil and a lower rate of limestone amendment compared to soil with high buffering capacity (LRI near 7.0).

Macronutrients (pounds per acre)

by Mehlich 3 extraction

Phosphorus: 122 (Optimum)
Potassium: 328 (Above Optimum)
Magnesium: 525 (Above Optimum)
Calcium: 3852 (Above Optimum)



Micronutrients (parts per million)

Zinc(Zn) **Copper(Cu)** **Manganese(Mn)** **Boron(B)** **Iron(Fe)**