

Soil Test Report

Lab #: 2011- 11982

Name: County Conservation Company
T. Wenger
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Sewell, NJ 08080

Date Received: 2011-07-22
Date Reported: 2011-08-04

Sample ID: Topsoil

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Soil Tests and Interpretations

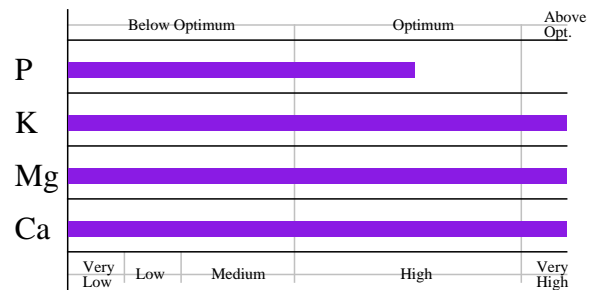
Sandy Loam

pH: 7.02 Slightly alkaline; above optimum pH for most plants.

Macronutrients (pounds per acre)

Phosphorous: 106 (Optimum)
Potassium: 1157 (Above Optimum)
Magnesium: 570 (Above Optimum)
Calcium: 2999 (Above Optimum)

by Mehlich 3 extraction



Micronutrients (parts per million)

Zinc(Zn) 9.61 (Adequate)	Copper(Cu) 3.22 (Adequate)	Manganese(Mn) 25.68 (Adequate)	Boron(B) 2.02 (Adequate)	Iron(Fe) 353.40 (High)
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Special Tests Results

Visual Description: Very dark brown coarse-textured soil with coarse rock fragments and fragments of organic residue such as sticks and roots.

Soluble Salts- Electrical conductivity= 0.62 mmho/cm
(Somewhat High -- may inhibit germination or 'burn' seedling roots)

Organic matter by dichromate oxidation- Organic Matter= 5.6% Organic Carbon= 3.2%
Very High for Sandy Loam

Gravel Content- Larger than 2mm: 11.4%

Mechanical Analysis- Sand= 70% Silt=17% Clay= 13% Texture: Sandy Loam

Mechanical analysis test method is suitably accurate for soils with organic matter content less than 5%. For materials with more than 5% organic matter, calculated percentages of sand, silt, and clay will be increasingly inaccurate.

Comments:

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