



UConn Soil Nutrient Analysis Laboratory

6 Sherman Place, Union Cottage, Unit 5102
 Storrs, CT 06269-5102
 860-486-4274
 soiltesting.cahnر.uconn.edu

UConn
 COLLEGE OF AGRICULTURE,
 HEALTH AND NATURAL
 RESOURCES
 EXTENSION & PLANT SCIENCE
 AND LANDSCAPE ARCHITECTURE

Soil Test Report

Order Number: 19863

Prepared For:

Jean Hopkins
 Wind Hill Community Farm
 14 Canione Road
 Glastonbury, CT 06033

jeanhop@att.net
 860.651.2115

Sample Information:

Sample Name: HV1
 Lab Number: 4256
 Area Sampled:
 Received: 5/16/2023
 Reported: 5/25/2023

Results

Nutrients Extracted From Your Soil (Modified Morgan)

	Below Optimum	Optimum	Above Optimum	Excessive*
Calcium > 4000 lbs/acre				
Magnesium > 500 lbs/acre				
Phosphorus 124 lbs/acre				
Potassium 569 lbs/acre				

* Excessive only defined for Phosphorus (>40 lbs/acre)

		<u>Element</u>	<u>ppm</u>	<u>Soil Range in CT</u>
Soil pH (1:1, H ₂ O)	6.8	Boron (B)	3.2	0.1 - 2.0
Est. Cation Exch. Capacity (meq/100g soil)	16.0	Copper (Cu)	0.2	0.3 - 0.8
Buffered pH (Mod. Mehlich)	6.4	Iron (Fe)	3.6	1.0 - 40.0
		Manganese (Mn)	10.4	3.0 - 20.0
		Zinc (Zn)	3.0	0.1 - 70.0
		Sulfur (S)	44.9	10 - 100
<u>Base Saturation</u>	<u>%</u>	<u>Suggested</u>	Aluminum (Al)	7.9
Potassium	5	2.0 - 7.0	Est. Total Lead (Pb)	low
Magnesium	13	10 - 30		
Calcium	73	40 - 50		

Limestone & Fertilizer Recommendations for Home Vegetable (mixed)

Limestone (Target pH of 6.6)

0 lbs / 1000 sq ft

Comments:**LIMESTONE:**

No limestone is necessary

FERTILIZER:

Soil test levels for both PHOSPHORUS and POTASSIUM are AT OR ABOVE OPTIMUM.

Only a source of nitrogen is necessary this year. Before planting incorporate 2 lbs of Nitrogen per 1000 sq ft. One pound of Nitrogen can be supplied by 8.3 lbs of bloodmeal (12-0-0) or 11 lbs. of corn gluten (9-0-0) or 2.2 lbs of urea (46-0-0). If plants develop pale green to yellow color, sidedress with 1 lb of 10-6-4 or 10-10-10 per 100 feet of row in late June or early July. Apply next to the row about 6 inches from plants avoiding contact with the foliage to prevent burning. See the SUGGESTED FERTILIZER PRACTICES FOR VEGETABLES and HERBS fact sheet for instructions on how and when to add fertilizer

If you have questions about this report or fertilizer recommendations, contact the UConn Soil Nutrient Analysis Lab at (860) 486-4274 or email soiltest@uconn.edu.

If you have questions about any other plant, pest or disease problems, contact the UConn HOME and GARDEN EDUCATION CENTER, Dept. of Plant Science and Landscape Architecture. Phone: (877) 486-6271; email: ladybug@uconn.edu; website: www.homegarden.cahnr.uconn.edu.

References (Crop Related):

Soil Test Interpretation and Recommendations

<https://soiltesting.cahnr.uconn.edu/wp-content/uploads/sites/3514/2022/06/Standard-Nutrient-Analysis.pdf>

Fertilizer Practices for Vegetables & Herbs

<https://soiltesting.cahnr.uconn.edu/wp-content/uploads/sites/3514/2022/06/Vegetables-Herbs.pdf>

Fertilizer Conversions & Garden Measurements

<https://soiltesting.cahnr.uconn.edu/wp-content/uploads/sites/3514/2022/06/Fertilizer-Conversions-Garden-Measurements.pdf>