Samples Analyzed By:
Soil & Forage Analysis Lab
4702 University Avenue
Madison, WI 53705
608-262-4364

SOIL TEST REPORT
GARDEN SOIL

COOPERATIVE EXTENSION
University of Wisconsin-Extension
University of Wisconsin-Madison
Department of Soil Science

Lab Number: 4387

Access Code: s72h **Date received:** 12/3/2024 **Account:** 555005 **Client:** Quintas

County: Brown **Date processed:** 1/16/2025

Send to:

Extension Brown County -
STEM Innovation Center, 2019 Technology Way, Rm 113
Green Bay, WI 54311

Area Type
Garden/Vegetable

Area Designation
Vets

RECOMMENDATIONS

Lime to Apply

No soil pH adjustment is recommended.

Fertilizer to Apply

The following summary specifies the actual amount of nutrients needed based on the results of your soil analysis. Most plants require at least an annual nitrogen application, but recommended potassium should be split over two years and soils retested in 2-3 years to determine if more is needed.

Actual Nutrient Need (lbs/100 ft^2)

Nitrogen (N)	Phosphate (P_2O_5)	Potassium (K_2O)
0.30	0.0	1.0

These nutrients can be applied using many different commercial fertilizers. The following suggestions are provided for your reference.

Nitrogen: Needed nitrogen will be supplied with the phosphate and/or potassium recommendations below.

Phosphate: No phosphate fertilizer needed.

Potassium: Apply 2.5 lbs of high potassium fertilizer per 100 sq-ft annually for 2 years to meet plant potassium needs.

Use of high potassium fertilizer will increase available potassium to a level optimum for plant growth and supply some needed nitrogen. For a description of fertilizer grades please see http://uwlab.soils.wisc.edu/pubs/grades.pdf

For more information on how to customize your vegetable garden fertlizer applications please see http://uwlab.soils.wisc.edu/pubs/custom_fertilizer.pdf

Environmental Tips

Soil tests indicate that potassium fertilizer is needed. Broadcast and incorporate recommended materials into the upper 6-8 inches prior to planting or topdress to previously established areas and water in thoroughly.

Leafy vegetables, sweet corn, tomatoes, and vine crops may require additional nitrogen at flowering. Place about 1 oz (2 Tbl) urea or 4 Tbl of a high nitrogen fertilizer in a band at least 3 inches from the plant. Use 1.5 lbs (3 cups) urea or 3 lbs (6 cups high nitrogen fertilizer) for every 100 ft or row.

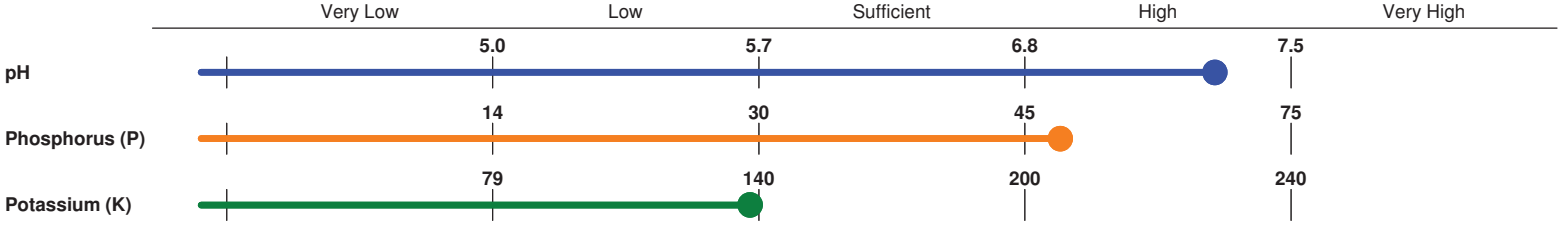
If growing a scab susceptible variety of potato a lower pH is desired.

References and Resources

For additional information on garden fertilization please see http://uwlab.soils.wisc.edu/gardens.htm

For further explanation please contact your County Extension Office. Locations can be found at http://www.uwex.edu/locations/.

LABORATORY ANALYSIS INTERPRETATIONS



LABORATORY ANALYSIS

Sample	pH	Phosphorus [P] (ppm)	Potassium [K] (ppm)	Organic Matter %
2	7.3	49	138	4.7