

Soil Test Report



Lab ID Number:	H1205a	Report Date:	3/5/2020
Sample ID:	Wheat Ridge	Invoice #:	cc18451
Company Name:	Patchwork Farms	Street Address:	10440 W Fair Ave Unit C
Contact Name:	Greg Peterson	City:	Littleton
Phone:	(720) 244-4629	Ext:	
Email Address:	Petersongap@comcast.net	County:	Jefferson
Client Type:	Operator	State:	CO
Current Plant Type:	Bare Ground	Zip:	80127
Proposed Plant Type:	Vegetable Garden	Date Rcvd:	3/2/2020
Current Irrigation:	Sprinkler; 3-4x Week	Date Tested:	3/3/2020
Current Amendments:	None	Test Performed By:	TCP TD JS

pH: 6.9

pH 6 to 7.2 is the preferred pH range for growth of most plants.

Electrical Conductivity or Salts: 1.3 mmhos/cm

E.C. is Low. When E.C. less than 2.0, salinity is not a problem for plant growth.

Lime: Low

Low: Lime is less than 1% in the soil. Plants can still grow well at this lime level.

Texture Estimate: Sandy Clay Loam

This soil may drain at a low to very low rate. Watering schedules may have to be increased to allow for better water infiltration into the soil profile.

Sodium Absorption Ratio:

This value not requested.

Organic Material: 7.0 % **Plant Type:** Vegetable Garden

Organic Matter is High; no additional OM e.g. compost is needed. You don't need to build up the OM content of this soil beyond existing levels, but rather focus on protecting and replenishing the OM content e.g. by using organic mulch. Also consider a fall-planted cover crop to be used as a green manure.

Nitrate: 109 ppm

Nitrate-nitrogen is very high. Additional nitrogen is not needed at this time. Excessive nitrogen may cause bushy plants with small fruit. Early planting in the spring will help make use of the additional nitrogen to allow plants to produce more flowers and develop larger fruit. Trees may not flower as expected. Very high nitrogen at mid season may result in bushy plants with small fruit.

Phosphorus: 209.0 ppm

Phosphorus is High; No additional Phosphorus is needed.

Potassium: 1426 ppm

Potassium is High; No additional K₂O is needed.

Zinc: 27.2 ppm

Zinc is Adequate; No additional Zn is needed.

Iron: 65.2 ppm

Iron is Adequate; No additional Iron (Fe) is needed

Manganese: 44.9 ppm

Manganese is Adequate; No additional Mn is needed.

Copper: 9.4 ppm

Copper is Adequate; No additional Cu is needed.

Boron: 0.50 ppm

Boron is High. No additional boron is needed.

Gypsum:

Gypsum is NOT Needed.

Additional Comments:

More information on landscaping and gardening can be found at www.ext.colostate.edu Be sure to check out our website at www.soiltestinglab.colostate.edu for a list of garden centers where you can find a variety of fertilizers and soil amendments.

James R Self, Ph.D, Director, Soil, Water and Plant Testing Lab