

Soil Test Report

-----MU Laboratories-----
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Serial No. H73359H-1	County Greene	Region
Submitted 1/28/2011		Processed 2/8/2011

<http://www.soiltest.psu.missouri.edu/>

Sample ID: GARDEN

This report is for:

Lab No: C1101532
SOUTHMINISTER PRESBYTERIAN
2245 S. HOLLAND
SPRINGFIELD MO 65807

Last Limed: unknown

Submitted by:
Firm No. Outlet:

SOIL TEST RESULTS		RATING					
		Very low	Low	Medium	High	Very high	Excess
pHs	5.2	*****					
Phosphorus (P)	4 lbs/a	**					
Potassium (K)	207 lbs/a	*****					
Calcium (Ca)	2084 lbs/a	*****					
Magnesium (Mg)	155 lbs/a	*****					
Organic Matter:	3.9 %	Neutr. Acidity: 4.0 meq			CEC: 10.1 meq		

Fertilizer & Limestone Recommendations (lbs/1000 sq ft)

Crop	Nitrogen (N):	Phosphorus(P ₂ O ₅)	Potash (K ₂ O)	Zinc(Zn)	Sulfur(S)	LIME
1 vegetables	0.0	4.5	0.0			100 0 0

Comments: ---Some herbicide labels list restrictions based on soil pH in water. Use the estimated pH in water of 5.7 as a guide to the label. If you wish to have soil pH in water analyzed, contact your dealer or local Extension specialist listed below.

---The soil should be tested every 2 to 3 years to determine the effects of your fertilization practices and to develop a new set of fertilizer and limestone guidelines.

***Apply suggested agricultural or horticultural limestone rate one time for vegetables & other crops. Do not apply additional limestone unless soil tests indicate further need.

Your soil test report suggests that phosphorus may be limiting in your soil, and your soil has a low pH. A good source of phosphorus is triple superphosphate, which has the analysis of 0-46-0. Divide the recommended application rate for phosphorus by 0.46 to arrive at a recommended rate of triple superphosphate per 1000 sq ft. The recommended lime application may be made in the form of powdered or pelletized lime. For best results, apply lime and phosphorus in advance of planting and incorporate into the soil.

Regional Specialist Patrick Byers
MP 552 7/96

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Patrick Byers

Signature