

# Soil Test Report

-----MU Laboratories-----  
23 Mumford Hall P.O. Box 160  
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Serial No. H93423H-1	County Boone	Region
Submitted 1/3/2014	Processed 1/9/2014	

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

Sample ID:

This report is for:

Lab No: C1400904

RI-MOR TOPSOIL  
2801 OLD 63 SOUTH  
COLUMBIA MO 65201

Last Limed: unknown

Submitted by:  
Firm No. 80 Outlet: 999  
SoilTestingServices@missouri.e  
du

SOIL TESTING LAB  
23 MUMFORD

COLUMBIA, MO 65211

SOIL TEST RESULTS		RATING					
		Very low	Low	Medium	High	Very high	Excess
pHs	6.9	*****					
Phosphorus (P)	123 lbs/a	*****					
Potassium (K)	684 lbs/a	*****					
Calcium (Ca)	2615 lbs/a	*****					
Magnesium (Mg)	292 lbs/a	*****					
Organic Matter:	7.1 %	Neutr. Acidity: 0.0 meq			CEC: 8.6 meq		

### Fertilizer & Limestone Recommendations (lbs/1000 sq ft)

Crop	Nitrogen (N):	Phosphorus(P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	Zinc(Zn)	Sulfur(S)	LIME
1 vegetables	0.0	0.0	0.0			0
4 fescue,blue,ryegrass(avg)	1.0	0.0	0.0			0

Comments: ---Some herbicide labels list restrictions based on soil pH in water. Use the estimated pH in water of 7.4 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.

\*\*\*The soil has adequate calcium and an adequate pH for vegetables. Application of lime, wood ashes, or calcium rich fertilizer is not recommended.

\*\*\*For average maintenance of fescue, blue, ryegrass apply one pound of nitrogen per 1000 square feet in early September and again in early November or April-May. If available use a fertilizer containing about 1/2 of the nitrogen in slow release form. See MU Publication G6705, "Cool-Season Grasses, Lawn Maintenance Calendar".

\*\*\*The pHs is adequate for your lawn. Application of lime is not recommended.

\*\*\*Do not apply sulfur to established lawns as sufficient amounts cannot be applied to lower pH without the possibility of leaf burn.

---Particle Size Analysis: Texture: loam ; % Sand: 35.0, % Silt: 47.5 and % Clay: 17.5.

### ----- Additional Test Results -----

Soil Texture: loam Sand: 35.0 Silt: 47.5 Clay: 17.5

Regional Specialist James Quinn

Phone 573-634-2824

MP 552 7/96

Signature