

**Soil Test Report  
For Commercial Fruits,  
Vegetables and Turf**

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

FIELD INFORMATION			
Field ID	1	Sample no.	1
Acres	4	Last Limed	unknown
		Irrigated	No
Last crop			

Serial no. A03778T-1	Lab no. C1217590
County Ray	Region 1
Submitted 9/12/2012	Processed 9/18/2012

Soil sample submitted by: Firm Number: Outlet:

This report is for:

GARY WENIG  
37009 WEST 156TH STREET  
RAYVILLE MO 64084

SOIL TEST INFORMATION		RATING	SOIL TEST INFORMATION		RATING
pH <sub>s</sub> (salt pH)	6.3	Medium	Sulfur (SO <sub>4</sub> -S)	ppm	
Phosphorus (P)	87 lbs/A	High	Zinc (Zn)	ppm	
Potassium (K)	276 lbs/A	High	Manganese (Mn)	ppm	
Calcium (Ca)	5663 lbs/A	High	Iron (Fe)	Ppm	
Magnesium (Mg)	304 lbs/A	Medium	Copper (Cu)	ppm	
Sodium (Na)	lbs/A		Boron (B)	ppm	
Organic matter	4.8 %	Neutralizable acidity	1.5 meq/100g	Cation Exch. Capacity	17.3 meq/100g
pH in water		Electrical Conductivity	mmho/cm	Soil texture	Silt loam, Loam
Nitrate (NO <sub>3</sub> -N) Topsoil	ppm	Subsoil	ppm	Sampling Depth	Top inches Subsoil inches

Cropping options	NUTRIENT REQUIREMENTS						LIMESTONE SUGGESTIONS	
	Pounds per acre						Effective Neutralizing Material (ENM)	0 lbs/a
	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Zn	S	B		
22 Asparagus(Established)	40	40	0					
6 Strawberries(New-planting)	60	20	0				***	
42 Tomatoes	90	155	100					

---Some herbicide labels list restrictions based on soil pH in water. Use the estimated pH in water of 6.8 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.

---Apply the recommended nitrogen for Asparagus(Established), by: topdressing before cutting starts or after harvest.

---If no P<sub>2</sub>O<sub>5</sub> or no K<sub>2</sub>O is recommended re-test annually to determine when maintenance fertilizer should be applied.

---Apply the recommended nitrogen for Strawberries(New-planting), as follows: 1/2 broadcast, and 1/2 sidedress in August.

---Apply the recommended nitrogen for Tomatoes, as follows: 1/4 at planting, 1/4 at 2 weeks, 1/4 at 4 weeks 1/4 at 6 weeks after planting.

Additional Recommendations per Bates:--Note various nitrogen application recommendations for different crops as underlined above.

--All Phosphorus and Potassium recommendations should be applied prior to planting for strawberries and tomatoes. Broadcast phosphorus over asparagus before it emerges in spring.

Regional Horticulture Specialist Marlin Bates  
White-Grower, Pink-Extension

Phone 816-270-2141

MP 728 Revised 2/98

Signature 