



# Waters Agricultural Laboratories, Inc.

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## Soil Analysis

MONTY'S PLANT FOOD CO

Grower: BRENNAN GILKERSON

Received 05/23/2018

Farm ID: LEFT SIDE WITHOUT

Processed 05/25/2018

4800 STRAWBERRY LANE

Sample ID: 1

Account #: 61120

LOUISVILLE, KY 40209

## Lab Results lbs. per Acre

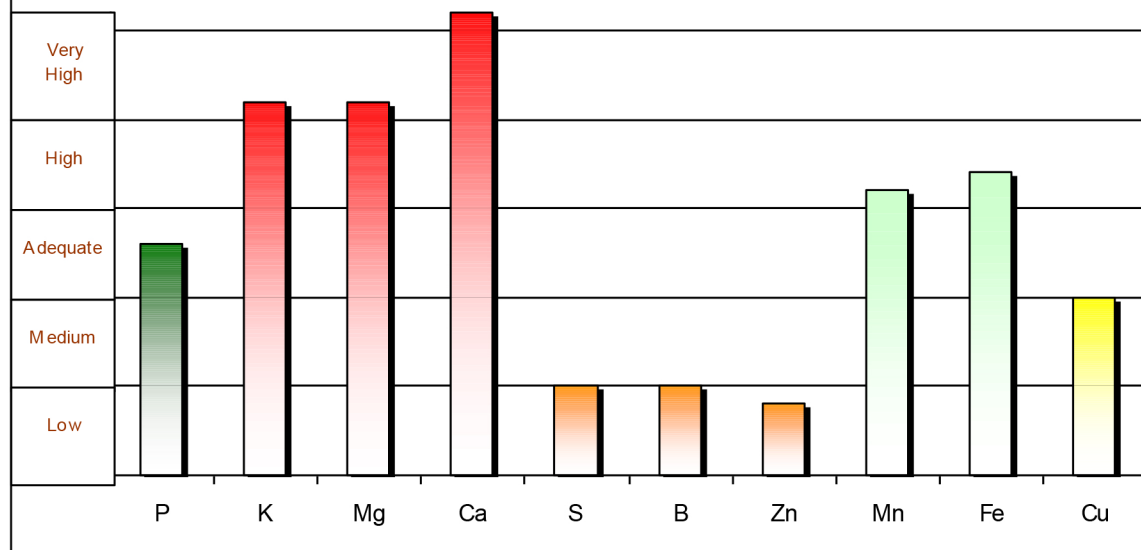
Target pH: 6.5

Test Method: Mehlich III

Lab Number: 11217SP

P	K	Mg	Ca	Soil pH	Buffer pH	S	B	Zn	Mn	Fe	Cu
Phosphorus	Potassium	Magnesium	Calcium			Sulfur	Boron	Zinc	Manganese	Iron	Copper
125 A	454 VH	308 VH	5167 VH	6.4	7.70	22 L	1.0 L	2.4 L	224 H	272 H	3.0 M
Aluminum	Sodium	Nitrate N	Soluble Salts	Organic Matter	ENR	Molybdenum	NH4	Nickel	BiCarbs		
			mmhos/cm	2.78 %	55.6	ppm		ppm	meq/l		

## Soil Analysis Ratings

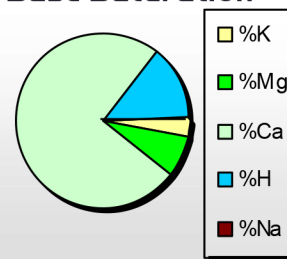


Cation Exchange Capacity **17.2** meq/100g

Base Saturation

K: 3.4 %  
Mg: 7.5 %  
Ca: 75.2 %  
H: 14.0 %  
Na: %

## Base Saturation



## Fertility Recommendations lbs. per Acre

Crop: CORN

Yield: 175 BUSHEL

Lime	Gypsum	N	P2O5	K2O	Mg	S	B	Zn	Mn	Fe	Cu
Tons/Acre	Tons/Acre	Nitrogen	Phosphate	Potash	Magnesium	Sulfur	Boron	Zinc	Manganese	Iron	Copper
0.0		220	50 *			23	0.2	7			

\* = Maintenance Recommendation

Comments:

15 LBS OF NITROGEN AND 50 LBS OF PHOSPHATE RECOMMENDED AS A STARTER ON ALL CORN. FERTILIZER APPLIED AS A STARTER SHOULD BE DEDUCTED FROM ABOVE. BE SURE THAT SULFUR IS APPLIED IN ORDER THAT NITROGEN-SULFUR RATIO IS MAINTAINED. SUGGEST TAKING PLANT SAMPLES DURING THE GROWING SEASON. ADDITIONAL NUTRIENTS MAY BE NEEDED. ESPECIALLY NITROGEN AND POTASSIUM.