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## **Soil Analysis**

## **Soil and Plant Testing Lab**

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		Internal use on	<i>ly</i> Check	: #:	Credit:	Cash Amt:	Lab use only	
Date sa	mpled://	Date recei		/	/	year <b>Lab#:</b>		
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Phone: County:			Phone:					
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Bill County: County code:			Firm Account #: MOCode #:					
Routine Analysis			Additional Analysis					
Qty		Cost Total Cost	Qty				Cost Total Cost	
1	Regular fertility analysis: pHs, NA, OM,	\$12.50	18	Total kjeldh	nal nitrogen	(TKN)	\$1O	
'	Bray I-P, NH40Ac-Ca, Mg, K (included grinding and soil box, <b>w/o recommendations</b> )		19	TKN and in	organic N a	nd organic N	\$20	
2	Crop recommendations	\$2.50	20	Total phosphorus (TP)			\$10	
3	Bray 1-P or Bray II-P (with regular analysis: \$5)	\$6	21	1 Total potassium (TK)			\$10	
4	Mehlich III-P or Olson P	\$6	22	2 Total carbon (TC) by combustion			\$10	
5	pH (water) or $pH$ (salt) (with regular analysis: \$4)	<sup>\$</sup> 6	23	<b>3</b> Total nitrogen (TN) by combustion			<sup>\$</sup> 10	
6	Buffer pH (neutralizable acidity, NA) and pHs	\$7.50	24	24 Total sulfur (TS) by combustion			\$1O	
7	Sodium (with regular analysis: \$3)	\$6	25	25 Total C and N by combustion			\$18	
8	Zinc (with regular analysis: \$4)	<sup>\$</sup> 6	26	<b>26</b> Total C, N and S by combustion			<sup>\$</sup> 27	
9	Zinc, iron, copper, manganese (with regular analysis: \$7.50)	\$8.50	27	27 Sodium absorption ratio (SAR) - Saturated Paste			\$15	
10	Nitrate-N (with regular analysis: \$5)	\$6	28	28 Exchangeable sodium percentage (ESP)			°15	
11	Ammonium-N (with regular analysis: \$5)	\$6	29	Exchangeable cations & base saturation percentage			<sup>\$</sup> 15	
12	Nitrate-N and ammonium-N (with regular analysis: \$10)	\$11	30	Cation exchange capacity (addition method)			\$15	
13	Sulfate-sulfur (with regular analysis: \$6)	\$7	31	Cation exchange capacity (NH4OAc-distillation method)			\$20	
14	Hot water extractable-B	<sup>\$</sup> 6	32	<b>32</b> Potentially mineralizable N			<sup>\$</sup> 16	
15	Organic matter (OM, LOI)	\$7.50	33	33 Saturated hydraulic conductivity (constant head permeability)			\$250	
16	Particle size analysis (percent sand, silt and clay)	\$15	Heavy Metals (Cd, Co, Mo, Ni Pb)  34 (if submitting less than 5 samples a Set-Up Fee of \$25 will be added))				\$30	
17	Electrical conductivity (with regular fertility: \$6)	\$7.50						
Routine Analysis Subtotal:				Additional Analysis Subtotal:				
To pay by check: Make checks payable to MU Soil Testing for the total			Routine Analysis Subtotal:					
amount due. The check must be sent along with the sample unless you have an account set up with the lab. The lab also accepts purchase orders; contact the lab to discuss this process. Samples will be discarded after 30 days.						Tota	l Due:	

When submitting samples directly to the lab, send a duly filled sample information form.

MP963 Revised 8/25