

MICHIGAN STATE UNIVERSITY
EXTENSION

MICHIGAN STATE UNIVERSITY
SOIL AND PLANT NUTRIENT LABORATORY

FEE SCHEDULE

Prices effective April 1, 2013

MICHIGAN STATE UNIVERSITY
SOIL & PLANT NUTRIENT LAB
PLANT & SOIL SCIENCES
1066 BOGUE ST. ROOM A81
EAST LANSING, MI 48824-1325
PHONE: 517-355-0218
FAX: 517-355-1732
Website: www.psm.msu.edu/SPNL

HOURS: 8:00 am to 12:00 pm, 1:00 pm to 5:00 pm
Monday – Friday (Closed Tuesdays July - March)

GROWER/HOMEOWNER SAMPLES

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|------------|--|----------------|
| 1a. | Regular field soil test pH, lime requirement, P, K, Ca, Mg (no county recommendations) | \$11.00 |
| 1b. | Regular lawn and garden soil test pH, lime requirement, P, K, Ca, Mg, organic matter, hand texture & recommendations | \$22.00 |
| 1c. | Zinc-Manganese Sticker – pre-paid (pre-pays Zn-Mn test – saves \$1.00 per sample) sold in minimum of ten (10) sticker lots. | \$7.00 |

*Samples coming into the lab not in pre-paid boxes –
Add \$1.00 per sample for boxing fee.*

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| 2. | Micronutrient tests | | |
| | Zinc | Zn | \$4.00 |
| | Manganese | Mn | \$4.00 |
| | Copper | Cu | \$4.00 |
| | Iron | Fe | \$4.00 |
| 3. | Saturated Media Test (Greenhouse Analysis) (for artificial growth media, and general quality analysis of compost) pH, soluble salts, Nitrate-N, P, K, Ca, Mg, Na, Cl and nutrient balance | | \$25.00 |
| 4. | Supplemental Soil Tests | With Regular Test | Alone |
| | PSNT Pre-sidedress Nitrate-N | | \$10.00 |
| | PSNT+NH₄ with Ammonium-N | | \$13.00 |
| | NO₃-N Nitrate-Nitrogen | \$8.00 | \$10.00 |
| | NO₃+NH₄ with Ammonium-N | \$11.00 | \$13.00 |
| | Na Sodium | \$5.00 | \$7.00 |
| | Cl Chloride | \$8.00 | \$10.00 |
| | EC Soluble Salts | \$5.00 | \$6.00 |
| | OM Organic Matter | \$5.00 | \$6.00 |
| | Organic Matter stickers (pre-paid sold in minimum quantity of 10 sticker lots) | | |
| | pH pH | included | \$5.00 |
| | TKN Total Nitrogen | \$18.00 | |
| | CEC CEC by Ammonium saturation | \$35.00 | |
| | B Boron | \$9.00 | |
| | S Sulfur | \$9.00 | |
| | PB Lead | \$28.00 | |
| | Arsenic | \$28.00 | |

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| 5. | Particle Size Analysis (percent sand, silt, and clay) | \$20.00 |
| 6. | Golf Course Analysis (Sand Classification) (USGA size limits by wet sieving) | \$30.00 |
| 7. | Peat for Sale (Volatile Solids) | \$15.00 |
| 8. | Compost Analysis | |
| a. | Total Nutrient Analysis For material to be used as a nutrient source Total N, P, K, Ca, Mg, Na, Zn, Mn, Cu, Fe, B, S, Al | \$25.00 |
| b. | General Quality Analysis (see Saturated Media Test) For material to be used directly as a part of a growth medium | \$25.00 |
| c. | Maturity Test for Compost Solvita Test | \$35.00 |
| d. | Ash & Volatile Solids | \$12.00 |
| e. | C:N Ratio – including Total C, Total N, and Organic Matter | \$24.00 |
| 9. | Limestone Analysis | |
| a. | Neutralizing Value % MgCO ₃ , Moisture, Dry Sieve Analysis | \$39.00 |
| b. | Neutralizing Value only | \$13.00 |
| c. | Sieve Analysis only (dry or wet) | \$13.00 |
| d. | Percent MgCO₃ only | \$13.00 |
| 10. | Marl Analysis | |
| a. | Neutralizing Value, % MgCO₃, % moisture, CaCO₃ equiv/cu yd | \$39.00 |
| b. | Neutralizing Value, % moisture, CaCO₃ equivalent/cubic yard | \$26.00 |
| c. | Percent MgCO₃ only | \$13.00 |
| d. | Percent Calcium & Magnesium only | \$16.00 |
| 11. | Water Tests (NOT for determining potability of water) | |
| a. | COMPLETE (Soluble salts, alkalinity, pH, Nitrate-N, P, K, Ca, Mg, Na, and Chloride) | \$25.00 |
| b. | Total Soluble Salts | \$6.00 |
| c. | Alkalinity | \$6.00 |
| d. | Nitrate-N | \$6.00 |
| e. | Nitrate-N + Ammonium-N | \$8.00 |
| 12. | Plant Tissue Analysis COMPLETE tissue analysis includes: N, P, K, Ca, Mg, Zn, Mn, Cu, Fe, B, S, Na, Al. | |
| a. | Field Crop & Vegetable tissue (includes interpretation of results) | \$24.00 |
| b. | Fruit Trees, grapes, strawberries, blueberries and raspberries (includes interpretation of results and computerized nutrient recommendations) | \$27.00 |
| c. | Complete analysis without N | \$20.00 |
| d. | Total N alone | \$12.00 |
| e. | Stalk Nitrate | \$12.00 |

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| 13. | Phosphorus Adsorption Isotherm - Soil | \$60.00 |
| 14. | Sodium Adsorption Ratio – Soil | \$25.00 |
| 15. | Supplies | |
| a. | Soiltex pH Kits | \$7.00 |
| 16. | Discount Information <i>(on purchases of soil sample boxes only)</i> | |
| | 0 – 99 | 0% |
| | 100 – 199 | 1% |
| | 200 – 299 | 2% |
| | 300 – 399 | 3% |
| | 400 – 499 | 4% |
| 17. | Shipping and Handling | |
| | 50 Boxes or less | \$15.00* |
| | 100 | \$20.00 |
| | 200 | \$25.00 |
| | 400 | \$35.00 |

* other supplies will be shipped at the \$15.00 rate or higher, depending on volume and weight of items purchased.

NOTE: To calculate box order purchase price: apply discount to purchase and add postage charge to total.

Turnaround time for Regular Soil Tests is one week, turn around time for Greenhouse test is two (2) working days from receipt of samples. Turn around time for other analyses is dependent upon the test being performed. “RUSH” analysis results may be available when prior arrangements are made. An Additional “RUSH” Fee will be charged.

PRE-PAYMENT IS ENCOURAGED, OTHERWISE, A SERVICE FEE OF \$15.00 MAY BE ADDED.

Facsimile Reporting – FAX is generally performed as a courtesy on an “as needed basis”. A charge of \$5.00 per report will be assessed for large quantity transmittals.

NOTE: The fee for re-reporting results is \$5.00 per sample.