# Fertilizer, Manure, Solid Wastes, and Soil Amendments

## Packages:

<table>
<thead>
<tr>
<th>Package Description</th>
<th>Price per sample unless otherwise indicated</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1. Manure Quality Analysis</strong> (% Moisture, Total Nitrogen, Ammonia Nitrogen, Calcium, Phosphorus, Potassium, Magnesium, Copper, Iron, Manganese, Sodium, Zinc)</td>
<td>$40</td>
</tr>
<tr>
<td><strong>2A. Basic Compost Test</strong> (bulk density, pH, conductivity, TS, TVS, NO$_3$-N, NH$_4$-N, total C, total N, total P, K, Mg, Ca, B, Cu, Fe, Mn, Zn) Requires 1 quart zip-loc bag of sample.</td>
<td>$55</td>
</tr>
<tr>
<td><strong>2B. Comprehensive Compost Test</strong> - Basic Compost Test plus Dewar Self-Heating Test (maturity level and status of composting process). Requires 1 gallon zip-loc bag of sample.</td>
<td>$65</td>
</tr>
<tr>
<td><strong>3. Compost Feedstock Test</strong> (bulk density, TS, TVS, total C, total N) Requires 1 quart zip-loc bag of sample.</td>
<td>$30</td>
</tr>
<tr>
<td><strong>4. Standard Sludge Analysis</strong> --(Regulatory Characterization) (TS, TVS, pH, TKN, NH$_4$-N, NO$_3$-N, Cl, As, Ca, Cd, Cr, Cu, Fe, Hg, K, Mg, Mo, Na, Ni, P, Pb, Se, Zn)</td>
<td>$350</td>
</tr>
<tr>
<td><strong>5. Commercial Fertilizer Analysis For Label Guarantee</strong> (Total Nitrogen, Available Phosphorus, Soluble Potassium - includes splitting, grinding, and archiving.)</td>
<td>$60</td>
</tr>
<tr>
<td><strong>6. Lime Package:</strong> Calcium Carbonate Equivalence of Liming Materials, % Ca and Mg, Sieve Test (20, 40, 60, 80, 100 mesh)</td>
<td>$65</td>
</tr>
</tbody>
</table>

## Additional/Separate Analyses upon request:

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<thead>
<tr>
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<tbody>
<tr>
<td>7. pH (saturated media extract)</td>
<td>$10</td>
</tr>
<tr>
<td>8. Conductivity (saturated media extract)</td>
<td>$10</td>
</tr>
<tr>
<td>9. Moisture</td>
<td>$10</td>
</tr>
<tr>
<td>10. Total Kjeldahl Nitrogen</td>
<td>$25</td>
</tr>
<tr>
<td>11. Water extractable Nitrate Nitrogen, Sulfate-S, Chloride</td>
<td>$10 per ion</td>
</tr>
<tr>
<td>12. Combustion Analysis – total N, total C-----------------------------------------------</td>
<td>$18 for any one element $23 for both $3.00 credit</td>
</tr>
<tr>
<td>13. Available Phosphorus, Soluble Potassium (Both) (Neutral Ammonium Citrate extract)</td>
<td>$35</td>
</tr>
<tr>
<td>14. Calcium Carbonate Equivalence of Liming Materials</td>
<td>$40</td>
</tr>
<tr>
<td>15. Total P, K, Mg, Ca, B, Cu, Fe, Mn, Zn (by dry ashing)</td>
<td>$18</td>
</tr>
<tr>
<td>16. *EPA Acid Digestion Method 3051 ------------------------------------------------</td>
<td>$20/sample $10/element</td>
</tr>
<tr>
<td>17. EPA Acid Digestion Method 3010 ------------------------------------------------</td>
<td>$20/sample $20/element</td>
</tr>
<tr>
<td>18. Mercury (EPA Method 7471)</td>
<td>$60</td>
</tr>
<tr>
<td>19. Total Silica (HF digestion)</td>
<td>$60</td>
</tr>
<tr>
<td>20. Compost Stability test (Dewar/self heating)</td>
<td>$15</td>
</tr>
<tr>
<td>21. Compost Sieve test (1 in., 0.5 in., #4, #10, #40, #200)</td>
<td>$30</td>
</tr>
<tr>
<td>22. KCl extractable NH$_4$ and NO$_3$</td>
<td>$20</td>
</tr>
<tr>
<td>23. Total Volatile Solids/Ash</td>
<td>$10</td>
</tr>
</tbody>
</table>

*Price per sample unless otherwise indicated.*