

## Environmental Analytical Laboratory

soil–water–wastewater–biosolids–tissue  
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### Internal + Government Price List

| Soil Test                               | Description  | Price/sample |
|---|--|--------------|
| Grinding                                |  | \$2.00       |
| NO <sub>3</sub> -N                      | Nitrate-nitrogen (Chromotropic acid)               | \$4.00       |
| P                                       | Phosphorus (Olsen)                                 | \$4.00       |
| K                                       | Potassium (Olsen)                                  | \$4.00       |
| OM                                      | Organic Matter (Walkley-Black) or Loss On Ignition | \$4.00       |
| Micronutrients                          | Zn, Fe, Mn, Cu (DTPA)                              | \$6.00       |
| pH                                      | Saturated paste                                    | \$3.00       |
| EC                                      | Salinity   | \$4.00       |
| pH, EC                                  | pH and Salinity                                    | \$6.00       |
| pH, EC, SAR                             | pH, Salinity, and Sodium Adsorption Ratio          | \$9.00       |
| SAR                                     | Sodium Adsorption Ratio, Ca, Mg, Na                | \$6.00       |
| CEC                                     | Cation Exchange Capacity                           | \$13.00      |
| Exchangeable Ions                       | Ca, Mg, K, Na (NH <sub>4</sub> OAc)                | \$9.00       |
| NH <sub>4</sub> -N                      | Ammonium-nitrogen (2M KCl)                         | \$9.00       |
| NO <sub>3</sub> -N + NH <sub>4</sub> -N | 2M KCl, FIA  | \$10.00      |
| Total N                                 | Combustion (Leco)                                  | \$5.00       |
| Total C                                 | Combustion (Leco)                                  | \$5.00       |
| Total C and N                           | Carbon to nitrogen ratio                           | \$6.00       |
| CaCO <sub>3</sub>                       | Calcium carbonate/ Acid neutralizing potential     | \$6.00       |
| SO <sub>4</sub> -S                      | Sulfate (500 ppm P extraction)                     | \$6.00       |
| B                                       | Boron- saturated paste extract                     | \$6.00       |
| Cl                                      | Chloride   | \$6.00       |
| Gypsum                                  | water of hydration method                          | \$10.00      |
| ICP                                     | All possible elements                              | \$15.00      |
| Texture                                 | % Sand, Silt, Clay (Hydrometer)                    | \$8.00       |
| Sand Size Fractions                     |  | \$8.00       |
| Gravel                                  | % gravel (by volume)                               | \$4.00       |
| Moisture Saturation                     | % moisture of a saturated paste                    | \$5.00       |
| Moisture 1/3 Bar                        | % moisture at field capacity                       | \$8.00       |
| Moisture 15 Bar                         | % moisture at permanent wilting point              | \$9.00       |
| Resin Capsules                          | 2 M HCl extraction                                 | \$15.00      |
| Resin Bags                              | 2 M KCl or HCl extraction                          | \$15.00      |
| Incubation                              | NO <sub>3</sub> -N + NH <sub>4</sub> -N            | \$17.00      |
| KCl Extracts                            | NO <sub>3</sub> -N + NH <sub>4</sub> -N            | \$8.00       |

| Plant Tissue Test                       | Description   | Price/sample |
|---|---|--------------|
| P1                                      | N, P, K, Ca, Mg, S, Na, Zn, Fe, Mn, Cu, B                               | \$17.00      |
| P2                                      | Total element composition (microwave + ICP)                             | \$15.00      |
| Total N                                 | Combustion (Leco)   | \$5.00       |
| Total N and C                           | Combustion (Leco)   | \$6.00       |
| NO <sub>3</sub> -N                      | Nitrate   | \$6.00       |
| Water Test                              | Description   | Price/sample |
| pH                                      |   | \$3.00       |
| EC                                      | Salinity  | \$3.00       |
| SAR                                     | Sodium Adsorption Ratio, Ca, Mg, Na                                     | \$5.00       |
| Nitrate-N                               | Chromotropic acid   | \$4.00       |
| Ammonium-N                              | Salicylate method (Lachat)  | \$5.00       |
| NO <sub>3</sub> -N + NH <sub>4</sub> -N | Flow Injection Analysis (Lachat)  | \$8.00       |
| Total N                                 |   | \$5.00       |
| Total Organic C                         | Non-purgeable organic carbon  | \$5.00       |
| TN + TOC                                |   | \$6.00       |
| Total P                                 |   | \$6.00       |
| Cl                                      | Chloride  | \$6.00       |
| HCO <sub>3</sub> <sup>-</sup>           | Bicarbonate   | \$5.00       |
| ICP metals                              | \$5 for the first element + \$1 for each additional element, up to \$10 | \$10.00      |