



CSU Soil, Water, and Plant Testing Laboratory

1120 Campus Delivery
Fort Collins, CO 80523-1120

CONTACT INFO

Phone: (970) 491-5061
Email: soiltesting@colostate.edu
<https://agsci.colostate.edu/soiltestinglab/>

PRICE LIST

Effective January 1st, 2022

Prices Subject to Change without Notice

\$15.00 Minimum Charge

*By accepting service or goods, I agree to submit payment in full to Colorado State University upon receipt of invoice or University Billing Statement. Late payment charges of \$20 per month and other penalties specified may be assessed for late payment.

SOIL ANALYSIS

Test Code	Description	Price
S1	Complete: pH, Soluble Salts (EC), Organic Matter (OM), Lime, Cation Exchange Capacity (CEC), % Base Saturation, Nitrate-N (NO_3), Phosphorous (P), Potassium (K), Calcium (Ca), Magnesium (Mg), Sodium (Na), Sulfate-Sulfur ($\text{SO}_4\text{-S}$), Zinc (Zn), Iron (Fe), Manganese (Mn), Copper (Cu) and boron (B)	\$35
S2	Basic: pH, Soluble Salts (EC), Organic Matter (OM), Nitrate-N (NO_3), Phosphorous (P), Potassium (K), and Sulfate-Sulfur ($\text{SO}_4\text{-S}$)	\$25
S3	Soil Salinity: pH, Soluble Salts (EC), Bicarbonate, Carbonate, Potassium (K), Calcium (Ca), Magnesium (Mg), Sodium (Na), Sulfate-Sulfur ($\text{SO}_4\text{-S}$), Chlorite (Cl), Cation Exchange Capacity (CEC) and Sodium Absorption Ratio (SAR)	\$45
S4	Nitrate-N (NO_3)	\$10
S5	Subsoil Nitrate-N (NO_3) and Sulfate-Sulfur ($\text{SO}_4\text{-S}$)	\$15
S6	Boron (B)	\$15
S7	Chloride (Cl^-)	\$15
S8	Heavy Metals: Arsenic (As), Lead (Pb), Molybdenum (Mo), Chromium (Cr), Selenium (Se), and Cadmium (Cd)	\$140
S9	Individual Heavy Metal per sample plus extraction	\$40
S10	Texture: Hydrometer	\$20



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PLANT ANALYSIS

Test Code	Description	Price
P1	Complete: Nitrogen (N), Phosphorous (P), Potassium (K), Calcium (Ca), Magnesium (Mg), Sulfur (S), Zinc (Zn), Iron (Fe), Manganese (Mn), Chloride (Cl), Copper (Cu), and Boron (B)	\$40
P2	Basic: Nitrogen (N), Phosphorous (P), Potassium (K), and Sulfur (S)	\$30
P3	Micronutrients or Trace Elements: Zinc (Zn), Iron (Fe), Manganese (Mn), Chloride (Cl), Copper (Cu), and Boron (B)	\$40
P4	Total Carbon, Total Nitrogen (N) and Carbon (C)/Nitrogen (N) Ratio	\$15
P5	Boron (B)	\$15
P6	Chloride (Cl)	\$15
P7	Molybdenum (Mo)	\$15
P8	Heavy Metals Arsenic (As), cadmium (Cd), chromium (Cr), lead (Pb), molybdenum (Mo), and selenium (Se)	\$140
P9	Individual Metal per sample	\$40



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MANURE AND COMPOST ANALYSIS

Test Code	Description	Price
MC1	Complete: pH, Soluble Salts (EC), Moisture, Dry Matter (DM), Organic Nitrogen (N), Nitrate (NO ₃), Ammonium (NH ₄), Total N, Phosphorus (P), Potassium (K), Calcium (Ca), Magnesium (Mg), Sodium (Na), Sodium Absorption Ratio (SAR), Zinc (Zn), Iron (Fe), Manganese (Mn), Copper (Cu), Boron (B)	\$66
MC2	Soluble Salts (EC)	\$10
MC3	Organic N, NO ₃ , NH ₄ , total N	\$30
MC4	Total carbon (C), total N, C/N Ratio	\$15
MC5	Heavy Metals Arsenic (As), cadmium (Cd), chromium (Cr), cobalt (Co), lead (Pb), nickel (Ni), and selenium (Se)	\$160
MC6	Individual Heavy Metal per sample plus extraction	\$40



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FEED AND FORAGE ANALYSIS

Test Code	Description	Price
F1	Proximate Complete: Moisture, Dry Matter, Crude Protein, Crude Fiber (CF), Crude Fat (CFt), Acid Detergent Fiber (ADF), Neutral Detergent Fiber (NDF), Total Digestible Nutrients (TDN), Net Energy (gain, lactation, maintenance), Relative Feed Value (RFV)	\$32
F2	Minerals: Moisture, Dry Matter, Phosphorus (P), Potassium (K), Calcium (Ca), Magnesium (Mg), Zinc (Zn), Iron (Fe), Manganese (Mn), Copper (Cu), and Molybdenum (Mo)	\$32
F3	Nitrate (NO ₃)	\$15
F4	Prussic Acid	\$44
F5	Selenium (Se)	\$40



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WATER ANALYSIS

Test Code	Description	Price
W1	Household Drinking Water Suitability: pH, Soluble Salts (EC), Total Dissolved Solids (TDS), Carbonate, Bicarbonate, Alkalinity, Calcium (Ca), Magnesium (Mg), Potassium (K), Sodium (Na), Nitrate (NO ₃), Nitrate-N (NO ₃ -N), Nitrite-Nitrogen (NO ₂ -N), Phosphorus (P), Sulfur (S), Iron (Fe), Manganese (Mn), Zinc (Zn), Copper (Cu), Total Hardness, and Lime	\$51
W2	Irrigation Water Quality: pH, EC, TDS, Carbonate, Bicarbonate, Alkalinity, NO ₃ ⁻ , NO ₃ ⁻ -N, Nitrite-N (NO ₂ -N) Ca, Mg, K, Na, P, S, Cl, Fe, Mn, Zn, Cu, Boron (B), Total Hardness, Lime, Sodium Absorption Ratio (SAR)	\$45
W3	Livestock Water Sustainability: pH, EC, TDS, Carbonate, Bicarbonate, Alkalinity, Ca, Mg, K, Na, NO ₃ , S, Fe, Mn, Total Hardness	\$40
W4	Nitrate-N (NO ₃ -N) and Ammonium (NH ₄)	\$39
W5	Metals: Aluminum (Al), Arsenic (As), Barium (Ba), Cadmium (Cd), Chromium (Cr), Fluoride (F), Lead (Pb), Mercury (Hg), Molybdenum (Mo), Nickel (Ni), and Selenium (Se)	\$48
W6	Individual Metal per sample	\$25
W7	Mercury (Hg)	\$70