

FEED & FORAGE

For a complete listing of analysis and charges please see the Feed & Forage Information Sheet available online.

The following testing packages include Precision:Summative Energy Predictions and RFQ.

Hay/Haylage Standard NIR **	16.00
DM,CP,ADF,ADF-CP,NDF-CP,NDF,NDFD,fat,P,Ca,K,Mg,ash	
Hay/Haylage UW Recommended **	32.00
Standard NIR with wet chemistry DM,NDF,NDFD,ash	
Corn Silage Standard NIR **	17.00
DM,CP,ADF,ADF-CP,NDF-CP,NDF,NDFD,starch,fat,P,Ca,K,Mg,ash	
Corn Silage Standard NIR **	33.00
Standard NIR with wet chemistry DM,NDF,NDFD,ash	
TMR Quality Control Package **	46.00
Wet Chemistry DM,CP,NDF,NDFD,fat,P,Ca,K,Mg,ash	
Grain / Feed / Byproduct Package **	26.00
Wet Chemistry DM,DM,NDF,fat,P,Ca,K,Mg,ash	
UW Feed Grain Evaluation **	33.00
Wet Chemistry (DM,prolamin protein,Mean Particle Size) with NIR (CP,starch,NDF,fat,ash)	
Milk 2006 ** (fermented highly recommended) ..	16.00
NIR (DM,CP,ADF,NDF,NDFD,ash,fat)	

Wet Chemistry Minerals added to the above:

Macro Minerals (P, Ca, K, Mg) **	6.00
Total Minerals *	16.00
Total Minerals with Chloride *	24.00

Optional Wet Chemistry Analysis:

Dry Matter **	5.00
Crude Protein **	10.00
Invitro NDFD, includes NDF **	24.00
(48hr standard, other timepoints available)	
Lignin, includes ADF **	12.00
Nitrate-N or Ammonium-N	10.00
(Including corn stalk or petiole nitrate-N)	
Starch **	12.00
Prolamin Protein **	12.00
Forage Ash **	5.00
Macro Minerals ** (P,Ca,K,Mg, w/o package)	8.00
Total Minerals (without package) see ICP-OES section.	

For a complete list of feed & forage services and prices please see our submission form at <http://uwlab.soils.wisc.edu/forage>

Soil & Plant Analysis Lab	Soil & Forage Analysis Lab
8452 Mineral Point Road	2611 Yellowstone Drive
Verona, WI 53593	Marshfield, WI 54449
(608) 262-4364	(715) 387-2523
FAX: (608) 833-1277	FAX: (715) 387-1723

<http://uwlab.soils.wisc.edu>



Make check payable to
UW Soil Testing Lab



All fees and services are subject to change without notice.

Rush rate available – 1 to 5 days turnaround, 50% surcharge above regular rate.

Volume discounts available. There is a 5% discount for 25-50 samples and a 10% discount for more than 50 samples per monthly billing period. Some restrictions apply. Please contact a lab for more information.

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SERVICES AND FEES

EFFECTIVE MARCH 1, 2012

**SOIL & PLANT ANALYSIS
LABORATORY
MADISON**

**SOIL & FORAGE ANALYSIS
LABORATORY
MARSHFIELD**

**AGRICULTURE
URBAN
ENVIRONMENT**



THE UNIVERSITY
of
WISCONSIN
MADISON

DEPARTMENT OF SOIL SCIENCE
COLLEGE OF AGRICULTURAL & LIFE SCIENCES
UNIVERSITY OF WISCONSIN - EXTENSION

SOIL

Routine Soil Tests:

Farm Field (pH, Organic Matter, Lime Requirement, Phosphorus, Potassium) **8.00**

Lawn, Garden & Wildlife Food Plots (pH, Organic Matter, Lime Requirement, Phosphorus, Potassium) **15.00**

Professionally Managed Turf * (pH, Organic Matter, Lime Requirement, Mehlich Phosphorus & Potassium) **25.00**

Forest Soil * (pH, Organic Matter, Lime Requirement, Total Nitrogen, Phosphorus, Potassium, Calcium, Magnesium) **22.00**

Additional Soil Tests: (with above tests)

Calcium & Magnesium **3.00**
 Boron **3.00**
 Zinc **3.00**
 Manganese **3.00**
 Sulfate-Sulfur **3.00**
 Sodium **3.00**

Special Soil Tests:

Total Nitrogen **10.00**
 Ammonium-Nitrogen **10.00**
 Nitrate-Nitrogen:
 Single Sample [PSNT] **10.00**
 Profile Samples (2 ft, includes adjusted
 N recs. for corn) [PPNT] **15.00**
 pH **5.00**
 Soluble Salts (Conductivity) **7.00**
 Particle Size:
 %Sand, Silt, Clay **23.00**
 %Sand Fractionation * **30.00**
 Mound Sand * **30.00**
 Lead * **15.00**
 Chloride * **10.00**
 Ash - Soil **10.00**
 Total Solids **5.00**
 Total Carbon/Nitrogen/Sulfur * **18.00**
 Total Organic Carbon * **18.00**

PLANT

Plant (Nitrogen, Phosphorus, Potassium, Calcium, Magnesium, Sulfur, Zinc, Manganese, Boron, Copper, Iron, Sodium, Aluminum)

Soil (pH, Organic Matter, Phosphorus, Potassium) *(plant & soil samples must be submitted together)*

Plant Plus Soil Analysis * **25.00**
(includes interpretations and free soil analysis)

Emergency Plant Analysis * (results reported within 3 days of delivery to lab) **37.50**

MANURE

Manure ** (Total Solids, Total Nitrogen, Phosphorus, Potassium, Sulfur) **22.00**
Additional: Ammonium-Nitrogen **8.00**
 Est. C:N ratio (from ash:TN) **5.00**

ELEMENTAL ANALYSIS

	<u>Tissue</u>	<u>Soil</u>	<u>Solution</u>
Element Pkg. 1 *	20.00	28.00	14.00
<i>(ICP-OES: Phosphorus, Potassium, Calcium, Magnesium, Sulfur, Zinc, Manganese, Boron, Copper, Iron, Sodium, Aluminum)</i>			

Element Pkg. 2 *	28.00	40.00	16.00
<i>(ICP-OES: Barium, Cadmium, Chromium, Cobalt, Lithium, Molybdenum, Nickel, Lead, Selenium)</i>			

Element Pkg. 3 *	36.00	50.00	20.00
<i>(ICP-OES: Strontium, Titanium, Vanadium and others)</i>			

	<u>Elements</u>
Trace Elements (ICP-MS) * : 1 - 5	100.00
Trace Elements (ICP-MS) * : 6 - 10	115.00

Anions (Ion Chromatography) * **25.00**
(F⁻ Cl⁻ Br⁻ NO₂⁻ NO₃⁻ PO₄⁻ SO₄⁻)

GREENHOUSE

Potting Mix * (pH, Phosphorus, Potassium, Calcium, Magnesium, Nitrate-Nitrogen, Soluble Salts) **25.00**
Including: Boron, Copper, Iron, Manganese, Sulfur, Zinc **37.00**

Solution * (pH, Nitrate-Nitrogen, Phosphorus, Potassium, Calcium, Magnesium, Sulfur, Zinc, Manganese, Boron, Copper, Iron, Sodium, Aluminum, Chloride, Soluble Salts) **25.00**
Including: Alkalinity **38.00**

LIME

Quarry Lime * (Sieve Analysis, Calcium Carbonate Equivalent, Neutralizing Index) **22.00**
Including: Calcium & Magnesium **35.00**

Other dry liming materials: **27.00**

Other wet liming materials: **30.00**

WATER & WASTE

Total Nitrogen **10.00**
 Ammonium-Nitrogen **10.00**
 Nitrate-Nitrogen **10.00**
 Chloride * **10.00**
 Soluble Salts (Conductivity) **7.00**
 Alkalinity * **15.00**
 Hardness * **15.00**
 Total Carbon/Nitrogen/Sulfur * **18.00**
 Total Organic Carbon * **18.00**

* *Performed at Madison Lab.
 Samples sent to Marshfield will be forwarded to Madison.*

** *Performed at Marshfield Lab.
 Samples sent to Madison will be forwarded to Marshfield.*