Soil and Forage Analysis Lab
WISCONSIN STATE LABORATORY OF HYGIENE
UNIVERSITY OF WISCONSIN–MADISON

4702 University Avenue
Madison, WI 53705
(608) 262-4364
https://uwlab.soils.wisc.edu

For Lab Use Only:
Date Received:

Lab No.:

Plant Analysis Submission Form

Customer Information	Payment Information
Please check the box below on how you would like your results sent to you: *(Preferably One per customer)*	Account Number:
Name:	**OR** Amount Paid: $
❒ Address:	**Method of Payment:**
City: State: Zip:	❒ Cash
County:	❒ Check – Number:
Phone:	
❒ Email Results to:	❒ Credit card – *We will call for number.*

**Please check how you would like to receive your results (by mail, fax, or email).*

Lab Use Only Lab ID		Sample ID	Crop	Stage of Growth (pick number from back)	Plant Part Sampled (pick letter from back)	Plant Appearance (Circle One)	Soil Submitted for Routine Test (Circle One)
	1					Normal Abnormal	Yes No
	2					Normal Abnormal	Yes No
	3					Normal Abnormal	Yes No
	4					Normal Abnormal	Yes No
	5					Normal Abnormal	Yes No
	6					Normal Abnormal	Yes No
	7					Normal Abnormal	Yes No
	8					Normal Abnormal	Yes No
	9					Normal Abnormal	Yes No
	10					Normal Abnormal	Yes No
	11					Normal Abnormal	Yes No
	12					Normal Abnormal	Yes No

Additional Soil Tests:	
Test	**Sample Number/I.D.:**
❒ Calcium/Magnesium (Ca/Mg)	
❒ Boron (B)	
❒ Manganese (Mn)	
❒ Sulfur (SO_4-S)	
❒ Zinc (Zn)	
❒ Other	

Plant Analysis Include: total nitrogen (TN), and total minerals (TM) [which includes: phosphorous (P), potassium (K), calcium (Ca), magnesium (Mg), sulfur (S), zinc (Zn), boron (B), manganese (Mn), iron (Fe), copper (Cu)].

Routine Tests for Soil Include: pH, organic matter, available phosphorous (P) and available potassium (K).

Additional Soil Tests (available for an additional fee) **Include:** calcium/magnesium (Ca/Mg), boron (B), manganese (Mn), zinc (Zn), sulfur (SO_4-S), or others.

Note: No interpretations for growth stages other than those listed on the back of this form.

Field Crops		Stage of Growth		Plant Part Sampled	No. of Plants
Alfalfa	**1**	Bud to first flower	**A**	Top 6 inches	30-40
Alfalfa hay	**2**	Harvest	**B**	Whole plant	15-20
Barley	**12**	Prior to heading	**L**	Newest fully developed leaf	30-40
Beans, dry lima	**8**	Prior to initial flowering	**H**	4th petiole and leaflet or 4th petiole only	20-25
Beans, snap	**8**	Prior to initial flowering	**H**	4th petiole and leaflet or 4th petiole only	20-25
Beans, soy	**8**	Prior to initial flowering	**H**	4th petiole and leaflet or 4th petiole only	20-25
Birdsfoot trefoil	**1**	Bud to first flower	**A**	Top 6 inches	30-40
Brome grass	**12**	Prior to heading	**L**	Newest fully developed leaf	30-40
Canary grass	**12**	Prior to heading	**L**	Newest fully developed leaf	30-40
Clover, red	**1**	Bud to first flower	**A**	Top 6 inches	30-40
Clover, red hay	**2**	Harvest	**B**	Whole plant	15-20
Crown vetch	**1**	Bud to first flower	**A**	Top 6 inches	30-40
Corn, field	**3**	12 inches	**C**	Whole plant	10-15
	4	Pre-tassel	**D**	Leaf below whorl	15-20
	5	Tassel to silk	**E**	Ear leaf	15-20
	6	Ensiled/chopped	**F**	Whole plant	10-15
Corn, sweet	**7**	Tassel to silk	**G**	Ear leaf	15-20
Oats	**12**	Prior to heading	**L**	Newest fully developed leaf	30-40
Orchard grass	**12**	Prior to heading	**L**	Newest fully developed leaf	30-40
Peas, canning	**8**	Prior to or at initial flowering	**H**	4th petiole and leaflet or 4th petiole only	20-25
Peas, chick	**8**	Prior to or at initial flowering	**H**	4th petiole and leaflet or 4th petiole only	20-25
Potato	**8**	Prior to or at initial flowering	**I**	4th petiole and leaflet or 4th petiole only	40-50
	10	Tuber bulking	**J**	4th petiole and leaflet or 4th petiole only	40-50
Rye	**12**	Prior to heading	**L**	Newest fully developed leaf	30-40
Sorghum, grain	**13**	Prior to heading	**M**	2nd fully developed leaf	15-20
Sorghum, sudan	**12**	Prior to heading	**N**	Newest fully developed leaf	15-20
Triticale	**12**	Prior to heading	**L**	Newest fully developed leaf	30-40
Wheat	**11**	Tillering	**K**	Newest fully developed leaf	30-40
Wheat	**12**	Prior to heading	**L**	Newest fully developed leaf	30-40

Fruits		Stage of Growth		Plant Part Sampled	No. of Plants
Apple	**15**	Current season's shoots	**O**	Fully developed leaf at midpoint of new shoots	10-20
Cherry	**15**	Current season's shoots	**O**	Fully developed leaf at midpoint of new shoots	10-20
Cranberry	**18**	Aug 15 to Sept 15	**R**	Current season's growth above berries	35-50
Raspberry	**17**	Aug 10 to Sept 4	**Q**	6th & 12th leaf blade and petiole from trifoliate	10-20
Strawberry	**16**	At renovation before mowing	**P**	Fully developed leaflets and petioles	10-20

Vegetables		Stage of Growth		Plant Part Sampled	No. of Plants
Cabbage	**22**	Midseason	**V**	Wrapper leaf	10-20
Cauliflower	**20**	Midseason	**T**	Youngest mature leaves	10-20
Carrots	**20**	Midseason	**T**	Youngest mature leaves	10-20
Celery	**20**	Midseason	**T**	Youngest mature leaves	10-20
Ginseng	**20**	Midseason	**T**	Youngest mature leaves	10-20
Lettuce	**22**	Midseason	**V**	Wrapper leaf	10-20
Onion	**19**	Midseason	**S**	Tops, no white	10-20
Pepper	**23**	Prior to or at early fruit development	**W**	Petiole and leaflet	10-20
Tomato	**21**	Midseason	**U**	Newest fully developed leaf	10-20

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