

SAMPLING SIZE GUIDE

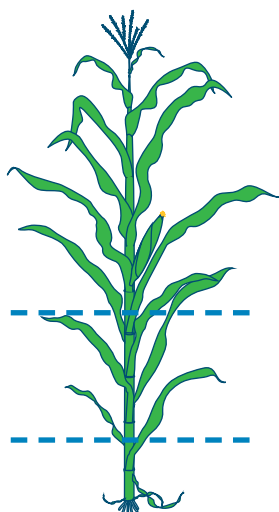
This is a list of popular Testing Packages and the required amount of sample material needed to complete the analysis. This is not a complete list of testing that we offer, so please reach out to your Account Manager for more info on further testing, individual analytes, or other sample sizes not included on this document.

AGRICULTURE SOIL TESTS



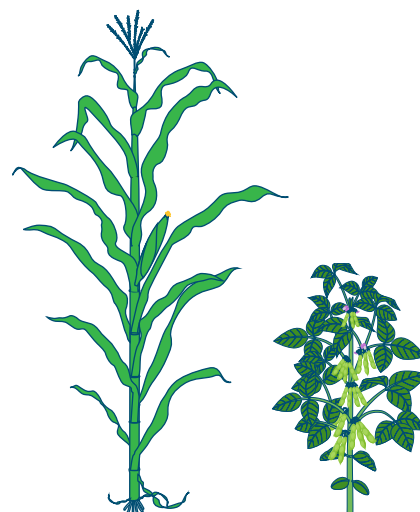
SOIL TESTS:

- MWL Soil Bag fill to red line
- or Plastic zip-top bag with 2 full cups of soil



STALK NITRATE TEST:

- 6–10 stalks. Sample about 8" of the stalk starting at 6" off the ground.
- Remove leaf sheaths from sample.



PLANT TISSUE TEST:

- Please refer to our [Plant Tissue Pocket Guide](#) for desired sample location of common crops.

NUTRIENT MANAGEMENT TESTS

BASIC FERTILIZER TESTS SUCH AS NPK, MINERALS, HEAVY METALS:

- 250ml of liquid
- 100g of solid

AMINO ACID OR FATTY ACID PROFILE:

- 500ml of liquid
- 150g of solid

PATHOGEN OR MICRO TESTING ADDED:

- 1L of liquid total
- 300g of solid total

OMRI FERTILIZER TEST:

- 1L of liquid
- 450g of solid

MANURE TESTS:

- 500 ml of liquid
- 200g of solid

BASIC COMPOST TEST:

- 200g
- or quart resealable bag

STA TEST:

- 500g
- or 1-gallon resealable bag

LIME OR GYPSUM:

- 200g

Visit mylab.midwestlabs.com for sampling supplies or questions.

Or contact us at midwestlabs.com | 402.334.7770 | contactus@midwestlabs.com

ENVIRONMENTAL TESTS

W3:

- (2) 250ml
- and (1) 125 ml sterile bottle

W3A:

- (2) 250ml

W4:

- (2) 250ml
- and (1) 125 ml sterile bottle

W5:

- (2) 250ml
- and (1) 125 ml sterile bottle
- and (1) 1L plastic

TCLP METALS:

- 400g

TCLP VOLATILE ORGANICS:

- 200g

TCLP SEMI VOLATILE ORGANICS:

- 200g

ANIMAL FEED/PET FOOD TESTS



AAFCO CAT OR DOG TEST:

- 2000g

AMINO ACID PROFILE:

- 50g

FATTY ACID PROFILE:

- 50g

MYCOTOXINS:

- 50g per toxin

CLASS I HEAVY METALS:

- 50g

F1, F2, F3, F4, F5, F6, F7, F8, F9, F10

- 250 grams
- or 1/2lb sealed bag of kibble/pet food sample

FOOD & BEVERAGE TESTS

FOOD SCREEN FOR MICRO TESTING OF FOOD PRODUCTS/ ENVIRONMENTAL SURFACES:

- 100g
- or 2 sponges

NUTRITIONAL LABEL WITH NEW FDA LABEL FORMAT TO PROVIDE A LABEL FOR PACKAGING:

- 250g

PROXIMATES FOR BASIC NUTRITIONAL INFORMATION ON A PRODUCT:

- 100g

CLASS I METALS FOR HEAVY METAL CONTAMINANTS ON A PRODUCT:

- 50g

ALLERGEN TESTING FOR PRODUCTS OR ENVIRONMENTAL SURFACES:

- 10g
- or swabs provided by Midwest Laboratories

GMO TESTING:

- 100g

FUEL TESTS:

ETHYL ALCOHOL USP 200 PROOF:

- 1 liter

ETHYL ALCOHOL USP 190 PROOF:

- 1 liter

ETHANOL IMPURITIES BY GC/FID:

- 500ml

