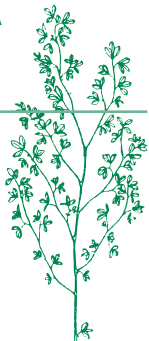
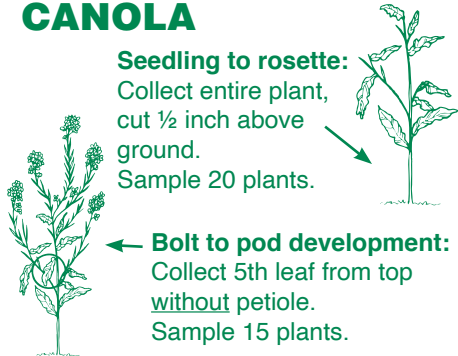

ALFALFA

All growth stages:
Collect upper 6 inches or top half of plant if less than 8 inches tall. Sample 20 plants.



CANOLA

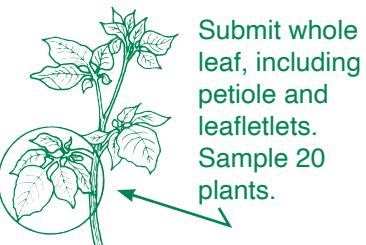
Seedling to rosette:
Collect entire plant, cut ½ inch above ground. Sample 20 plants.



Bolt to pod development:
Collect 5th leaf from top without petiole. Sample 15 plants.

POTATO All growth stages: Collect 4th leaf from top.

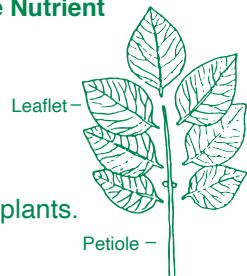
Complete Nutrient Analysis (excluding petiole nitrate & phosphate analysis)



Submit whole leaf, including petiole and leaflets. Sample 20 plants.

Petiole Nitrate, Phosphate, & Complete Nutrient Analysis

Remove leaflets, keep only the petiole. Sample 30 plants.



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SUGAR BEET

All growth stages:
Collect most recent fully developed leaf. Sample 25 plants.

Complete nutrient analysis: Keep only the leaf blade, remove petiole.

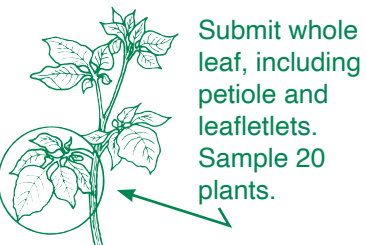
Nitrate analysis:
Keep only the petiole, remove leaf blade.



POTATO

All growth stages: Collect 4th leaf from top.

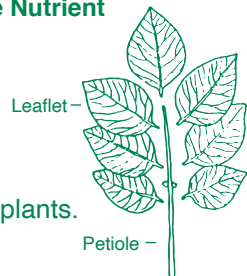
Complete Nutrient Analysis (excluding petiole nitrate & phosphate analysis)



Submit whole leaf, including petiole and leaflets. Sample 20 plants.

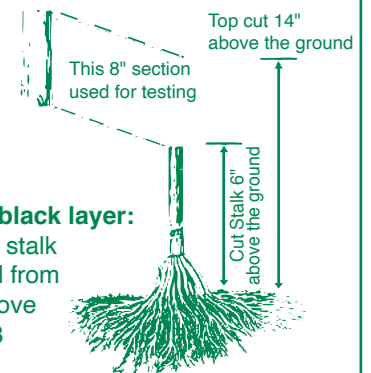
Petiole Nitrate, Phosphate, & Complete Nutrient Analysis

Remove leaflets, keep only the petiole. Sample 30 plants.



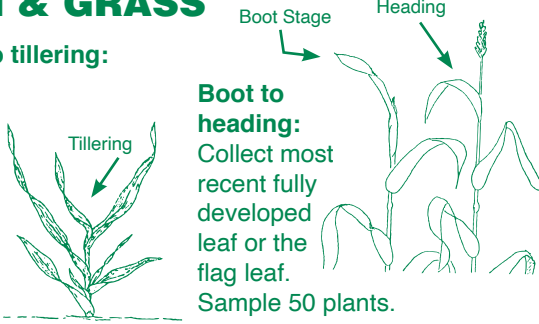
CORN STALK NITRATE ONLY

Collect close to black layer:
Collect the 8-inch stalk section measured from 6 to 14 inches above ground. Sample 8 plants.



GRAIN & GRASS

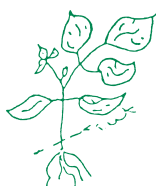
Seedling to tillering:
Collect entire plant, cut ½ inch above ground. Sample 50 plants.



Boot to heading:
Collect most recent fully developed leaf or the flag leaf. Sample 50 plants.

SOYBEAN & DRY BEAN

1st to 3rd trifoliolate:
Collect entire plant, cut 1 inch above ground. Sample 25 plants.



Early bloom to pod development:
Collect most recent fully expanded trifoliolate with petiole. Sample 25 plants.



CORN



Less than 12 inches: Collect entire plant, cut ½ inch above ground. Sample 10 plants.

12" to Tasseling



Over 12 inches and prior to tasseling: Collect most recent fully developed leaf (first leaf below whorl), cut at the stalk. Sample 10 plants.

Tasseling to Pollination



Tassel to pollination: Collect ear leaf, cut at the stalk. Sample 10 plants.



Use ruler as a guide—measure from the edge of the envelope

Submitting a plant tissue sample:

- **Collect the correct plant part for the corresponding growth stage**
- **Sample at least the minimum number of required plants**
- **Do not include plant roots (extra charge if roots included)**
- **Fill in the sample information; green shaded boxes are required**

Troubleshooting? Collect a plant tissue sample from both the good and bad areas of the field. Pair with a good and bad soil sample for most informative results.

		Date Sampled ____ / ____ / ____ Date Received ____ / ____ / ____	
GROWER NAME _____ ADDRESS _____ _____ _____ ZIP _____		FIRM SUBMITTING SAMPLES ACCOUNT # _____ NAME _____ ADDRESS _____ _____ _____ ZIP _____	
Crop _____ Variety _____ CHECK PLANT PART SAMPLED: Leaves _____ Petiole _____ Whole Plant _____		Field ID _____ Sample ID _____ County _____ Quarter _____ Twp/Range _____ Acres _____ Section _____	
Irrigated <input type="checkbox"/> Dryland <input type="checkbox"/> Growth Stage (see other side) _____ APPEARANCE: Normal _____ Abnormal (stunted/chlorotic) _____			
OPTION CHOICES Check the desired option.			
Complete Analysis Total Nitrogen, Phosphorus, Potassium, Calcium, Magnesium, Sodium, Zinc, Iron, Manganese, Copper, Sulfur, Boron (Chloride included on small grain)		_____	
Potato Petiole Option: Complete Nutrient Analysis		_____	
Nitrate-Nitrogen, Phosphate-Phosphorus.....		_____	
Individual Nutrients: Total Nitrogen		_____	
Nitrate-Nitrogen		_____	
Phosphate-Phosphorus.....		_____	
Chloride		_____	
Corn Stalk Nitrate		_____	
Other Tests: _____		_____	