

CORNELL NUTRIENT ANALYSIS LABORATORY

804 Bradfield Hall, Ithaca, NY 14853

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Email: soiltest@cornell.edu; Web: http://cnal.cals.cornell.edu

**PSNT****PRE-SIDEDRESS NITRATE TEST (PSNT)****Requires a 12-inch deep soil sample when corn is 6 to 12 inches in height**

Test cost \$15.00 per sample.

Grower name (please print):			Representative name:		
Business name:			Business name:		
Street or Road. No.:			Street or Road. No.:		
City:	State:	Zip:	City:	State:	Zip:
Phone:		Fax:	Phone:		Fax:
Email:			Email:		

 E-soil test report (Must include e-mail address)
Please enter all the information

Sample #	Bag #	Sample ID	Soil Name	Crop Information (crop codes at back of the sheet)	Manure	% Legume or Grass in the Field
1				[] This year [] Last year [] 2 years ago [] 3 years ago	[] This year [] Last year [] 2 yrs ago [] 3 yrs ago	[] 100% grass [] 1-25% legume [] 25-50% legume [] 50-100% legume
2				[] This year [] Last year [] 2 years ago [] 3 years ago	[] This year [] Last year [] 2 yrs ago [] 3 yrs ago	[] 100% grass [] 1-25% legume [] 25-50% legume [] 50-100% legume
3				[] This year [] Last year [] 2 years ago [] 3 years ago	[] This year [] Last year [] 2 yrs ago [] 3 yrs ago	[] 100% grass [] 1-25% legume [] 25-50% legume [] 50-100% legume
4				[] This year [] Last year [] 2 years ago [] 3 years ago	[] This year [] Last year [] 2 yrs ago [] 3 yrs ago	[] 100% grass [] 1-25% legume [] 25-50% legume [] 50-100% legume
5				[] This year [] Last year [] 2 years ago [] 3 years ago	[] This year [] Last year [] 2 yrs ago [] 3 yrs ago	[] 100% grass [] 1-25% legume [] 25-50% legume [] 50-100% legume
6				[] This year [] Last year [] 2 years ago [] 3 years ago	[] This year [] Last year [] 2 yrs ago [] 3 yrs ago	[] 100% grass [] 1-25% legume [] 25-50% legume [] 50-100% legume
7				[] This year [] Last year [] 2 years ago [] 3 years ago	[] This year [] Last year [] 2 yrs ago [] 3 yrs ago	[] 100% grass [] 1-25% legume [] 25-50% legume [] 50-100% legume

GENERAL SOIL TEST INFORMATION

Pre-sidedress nitrogen test (PSNT) is a soil nitrate test (Morgan extractant) for 0-12 inch deep soil sample taken when the corn is 6-12" in height to determine if sufficient nitrogen is present for maximum economic corn yield.

Sampling: Take 10-20 cores to a depth of 12 inches across the field when the corn plant is 6 to 12 inches in height. Crumble and mix the sample well. Do not sample if the soil is too moist.

Sample Submission Instructions: Place about 1 cup of your well-mixed soil sample into the plastic bag enclosed within the pre-paid cloth bag, tie securely and label. Fill out the submission form, fold and place into an envelope, put the envelope in a box with soil samples and send it to Cornell Nutrient Analysis Laboratory at 804 Bradfield Hall, Ithaca, NY 14853.

Additional submission forms for download are available on our website: <http://cna.cals.cornell.edu>.

NOTE

Please include one phone or fax number of the individual who should be contacted with the results along with the best time to contact the person between 8am to 4pm. The hard copy of the results will be mailed to you the same day the test is completed.

PERENNIALS AGRONOMIC CROPS

For Establishment				For Topdressing			
Code	Crop	Code	Crop	Code	Crop	Code	Crop
ALE	Alfalfa	ALT	Alfalfa	CSE	Clover-seed production	CST	Clover-seed production
AGE	Alfalfa-grass	AGT	Alfalfa-grass	CVE	Crownvetch	CVT	Crownvetch
ABE	Alfalfa-trefoil-grass	ABT	Alfalfa-trefoil-grass	GRE	Grasses	GRT	Grasses (Brome, Timothy)
BTE	Birdsfoot trefoil	BTT	Birdsfoot trefoil	GIE	Grass-intensive management	GIT	Grass-intensive management
BGE	Birdsfoot-trefoil-grass	BGT	Birdsfoot-trefoil-grass	PIE	Pasture-rotation grazed	PIT	Pasture-intensive management
BCE	Birdsfoot-trefoil-clover	BCT	Birdsfoot-trefoil-clover-grass	PNE	Pasture native grasses	PNT	Pasture with native grass
BSE	Birdsfoot-trefoil-seed	BST	Birdsfoot-trefoil-seed-production	PGE	Pasture with improved grasses	PGT	Pasture with improved grass
CLE	Clover	CLT	Clover	PLE	Pasture with legumes	PLT	Pasture with legumes
CGE	Clover-grass	CGT	Clover-grass			WPT	Waterways, Pond dikes
ANNUAL AGRONOMIC CROPS							
Code	Crop	Code	Crop	Code	Crop	Code	Crop
BSP	Barley-spring	COG	Corn-grain	RYS	Rye-seed production	SOY	Soybeans
BSS	Barley-spring with legume	COS	Corn-silage	SOG	Sorghum-grain	SUN	Sunflower
BWI	Barley-winter	MIL	Millet	SOF	Sorghum-forage	TRP	Triticale, Peas
BWS	Barley-winter with legume	OAT	Oats	SSH	Sorghum-sudan hybrid	WHT	Wheat
BDR	Barley-dry	OAS	Oats-seeded with legume	SUD	Sudangrass	WHS	Wheat with legume
BUK	Buckwheat	RYC	Rye-cover crop				
VEGETABLE CROPS							
Code	Crop	Code	Crop	Code	Crop	Code	Crop
ASP	Asparagus	CFS	Cauliflower-seeded	MML	Muskmelon	RAD	Radishes
BND	Beans-dry	CEL	Celery	MUS	Mustard	RHU	Rhubarb
BNS	Beans-Snap	CRD	Chard	ONP	Onion-transplanted	SPS	Spinach-spring
BET	Beets	CHC	Chinese cabbage	ONS	Onion-seeded	SPF	Spinach-fall
BRP	Broccoli-transplanted	CKP	Cucumber-transplanted	PSL	Parsley	SQS	Squash-summer
BRS	Broccoli-seeded	CKS	Cucumber-seeded	PSN	Parsnips	SQW	Squash-winter
BUS	Brussels Sprouts	EGG	Eggplant	PEA	Peas	SWC	Sweet corn
CBP	Cabbage-transplanted	END	Endive/Escarole	PEP	Peppers	TME	Tomato-early
CBS	Cabbage-seeded	GAR	Garlic	POP	Popcorn	TOM	Tomato-all others
CAR	Carrots	LET	Lettuce	POT	Potatoes	TUR	Turnips
CFP	Cauliflower-transplanted	MIX	Mixed vegetables	PUM	Pumpkins	WAT	Watermelon
MISCELLANEOUS CROPS							
Code	Crop	Code	Crop				
TRT	Christmas Tree, Topdressing	IDL	Idle land*				
TRE	Christmas Tree, Establishment	OTH	Others *				

*No interpretations and recommendations will be provided.

Additional submission forms can be downloaded from our website: <http://cna.cals.cornell.edu>