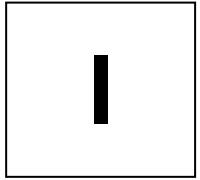


**Cornell Nutrient Analysis Laboratory**  
 G01 Bradfield Hall, Ithaca, NY 14853  
 Phone: (607)-255-4540; Fax: (607)-255-7656  
 Email: soiltest@cornell.edu; Web: http://cna.cals.cornell.edu



## ILLINOIS SOIL NITROGEN TEST (ISNT) and LOSS-ON-IGNITION (LOI) FOR CORN

Test cost: \$15 per sample

**Important:** Requires a 6-8 inch deep soil samples. Do not take samples within 5 weeks of Sod/cover crop plowdown or chemical kill, or manure application. Use this form only if you know the soil name for your sample. No recommendations will be provided without the soil name. Interpretations and recommendations will be provided only for corn. Please include payment at time of submission of the sample

<b>Grower Information</b> Name: <input style="width:100%;" type="text"/> Business: <input style="width:100%;" type="text"/> Address: <input style="width:100%;" type="text"/> City: <input style="width:15%;" type="text"/> St: <input style="width:10%;" type="text"/> Zip: <input style="width:20%;" type="text"/> Phone: ( <input style="width:5%;" type="text"/> ) <input style="width:15%;" type="text"/> - <input style="width:15%;" type="text"/> <input style="width:15%;" type="text"/> Fax: ( <input style="width:5%;" type="text"/> ) <input style="width:15%;" type="text"/> - <input style="width:15%;" type="text"/> <input style="width:15%;" type="text"/> E-mail: <input style="width:100%;" type="text"/>	<b>Commercial representative</b> Name: <input style="width:100%;" type="text"/> Business: <input style="width:100%;" type="text"/> Address: <input style="width:100%;" type="text"/> City: <input style="width:15%;" type="text"/> St: <input style="width:10%;" type="text"/> Zip: <input style="width:20%;" type="text"/> Phone: ( <input style="width:5%;" type="text"/> ) <input style="width:15%;" type="text"/> - <input style="width:15%;" type="text"/> <input style="width:15%;" type="text"/> Fax: ( <input style="width:5%;" type="text"/> ) <input style="width:15%;" type="text"/> - <input style="width:15%;" type="text"/> <input style="width:15%;" type="text"/> E-mail: <input style="width:100%;" type="text"/>	County: <input style="width:100%;" type="text"/> Township: <input style="width:100%;" type="text"/>  E-soil Test Report (Y/N): <input style="width:100%;" type="text"/> (must include e-mail address)
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Soil Information				Crop Information (enter only 1 crop code per year)					Typical type of manure 1=Liquid 2=Semi-Solid 3=Solid 4=Compost
#	Bag #	Sample Id	Soil Name	(see reverse side for crop codes)	This year	Last year	2 years ago	3 years ago	
1				Crop Code Manure Applied? (Y/N)					
2				Crop Code Manure Applied? (Y/N)					
3				Crop Code Manure Applied? (Y/N)					
4				Crop Code Manure Applied? (Y/N)					
5				Crop Code Manure Applied? (Y/N)					
6				Crop Code Manure Applied? (Y/N)					
7				Crop Code Manure Applied? (Y/N)					
8				Crop Code Manure Applied? (Y/N)					
9				Crop Code Manure Applied? (Y/N)					
10				Crop Code Manure Applied? (Y/N)					

## General Soil Test Information

**Soil Test Information:** The Illinois Soil Nitrogen Test (ISNT) is laboratory test that estimates the amount of readily mineralizable soil organic N. The test results can be used to determine if additional N is needed for optimum economic yield. For additional information on the test visit the website: <http://nmisp.css.cornell.edu/publications/factsheets/factsheet36.pdf>.

**Sampling:** Take 10-20 cores to a depth of 6-8 inches across the field. Crumble and mix the sample well. Do not sample within 5 weeks of sod or cover crop plowdown, chemical kill or manure application. Do not sample if the soil is too moist.

**Sample Submission Instructions:** Place about 1 cup of your well-mixed soil sample into a plastic or paper 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 G01 Bradfield Hall, Ithaca, NY 14853.

## Perennial Agronomic Crops

Code	Initial establishment	Code	Topdressing established stands	Code	Initial establishment	Code	Topdressing established stands
ALE	Alfalfa	ALT	Alfalfa	CVE	Crownvetch	CVT	Crownvetch
AGE	Alfalfa-grass	AGT	Alfalfa-grass	GRE	Grasses	GRT	Grasses (brome, timothy)
ABE	Alfalfa-trefoil-grass	ABT	Alfalfa-trefoil-grass	GIE	Grass-intensive management	GIT	Grass-intensive management
BTE	Birdsfoot-trefoil	BTT	Birdsfoot-trefoil	PIE	Pasture-rotation grazed	PIT	Pasture-intensive management
BGE	Birdsfoot-trefoil-grass	BGT	Birdsfoot-trefoil-grass	PGE	Pasture w/improved grazing	PNT	Pasture w/native grass
BCE	Birdsfoot-trefoil-clover	BCT	Birdsfoot-trefoil-clover-grass	PLE	Pasture with legumes	PGT	Pasture w/improved grass
BSE	Birdsfoot-trefoil-seed	BST	Birdsfoot-trefoil-seed	WPE	Waterways, pond dikes	PLT	Pasture w/legumes
CLE	Clover	CLT	Clover			WPT	Waterways, pond dikes
CGE	Clover-grass	CGT	Clover-grass				
CSE	Clover-seed production	CST	Clover-seed production				

## Annual Agronomic Crops

Code	Crop	Code	Crop	Code	Crop	Code	Crop
BSP	Barley-spring	BUK	Buckwheat	RYC	Rye-cover crop	SOY	Soybeans
BSS	Barley-spring w/legume	COG	Corn-grain	RYS	Rye-seed production	SUN	Sunflower
BWI	Barley-winter	COS	Corn-silage	SOG	Sorghum-grain	TRP	Triticale, Peas
BWS	Barley-winter w/legume	MIL	Millet	SOF	Sorghum-forage	WHT	Wheat
BDR	Beans-dry	OAT	Oats	SSH	Sorghum-sudan hybrid	WHS	Wheat w/legume
		OAS	Oats seeded w/legume	SUD	Sudangrass		

## Annual Vegetable Crops

Code	Crop	Code	Crop	Code	Crop	Code	Crop
ASP	Asparagus	CFP	Cauliflower-transplanted	MML	Muskmelon	RAD	Radishes
BND	Beans-dry	CFS	Cauliflower-seeded	MUS	Mustard	RHU	Rhubarb
BNL	Beans-Lima	CEL	Celery	ONP	Onion-transplanted	SPS	Spinach-spring
BNS	Beans-Snap	CRD	Chard	ONS	Onion-seeded	SPF	Spinach-fall
BET	Beets	CHC	Chinese cabbage	PSL	Parsley	SQS	Squash-summer
BRP	Broccoli-transplanted	CKP	Cucumber-transplanted	PSN	Parsnips	SQW	Squash-winter
BRS	Broccoli-seeded	CKS	Cucumber-seeded	PEA	Peas	SWC	Sweet corn
BUS	Brussels sprouts	EGG	Eggplant	PEP	Peppers	TME	Tomatoes-early
CBP	Cabbage-transplanted	END	Endive	POP	Popcorn	TOM	Tomatoes-all other
CBS	Cabbage-seeded	LET	Lettuce	POT	Potatoes	TUR	Turnips
CAR	Carrots	MIX	Mixed vegetables	PUM	Pumpkins	WAR	Watermelon

## Miscellaneous Crops

Code	Crop	Code	Crop	Code	Crop	Code	Crop
TRT	Christmas Tree, Topdress	TRE	Christmas Tree, Establishment	IDL	Idle land	OTH	Other/Crop not listed

## Comments


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