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.

<table>
<thead>
<tr>
<th>#</th>
<th>Bag #</th>
<th>Sample Id</th>
<th>Soil Name</th>
<th>This year</th>
<th>Last year</th>
<th>2 years ago</th>
<th>3 years ago</th>
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<tbody>
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</tbody>
</table>

Typical type of manure
1=Liquid 2=Semi-Solid 3=Solid 4=Compost

Grower Information
Name: 
Business: 
Address: 
City: St: Zip: 
Phone: ( ) - Fax: ( ) - E-mail: 

Commercial representative
Name: 
Business: 
Address: 
City: St: Zip: 
Phone: ( ) - Fax: ( ) - E-mail: 

County 
Township: 

E-soil Test Report (Y/N): (must include e-mail address)
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://nmsp.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

<table>
<thead>
<tr>
<th>Code</th>
<th>Initial establishment</th>
<th>Code</th>
<th>Topdressing established stands</th>
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</thead>
<tbody>
<tr>
<td>ALE</td>
<td>Alfalfa</td>
<td>ALT</td>
<td>Alfalfa</td>
</tr>
<tr>
<td>AGE</td>
<td>Alfalfa-grass</td>
<td>AGT</td>
<td>Alfalfa-grass</td>
</tr>
<tr>
<td>ABE</td>
<td>Alfalfa-trefoil-grass</td>
<td>ABT</td>
<td>Alfalfa-trefoil-grass</td>
</tr>
<tr>
<td>BTE</td>
<td>Birdsfoot-trefoil</td>
<td>BTT</td>
<td>Birdsfoot-trefoil</td>
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<tr>
<td>BGE</td>
<td>Birdsfoot-trefoil-grass</td>
<td>BGT</td>
<td>Birdsfoot-trefoil-grass</td>
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<tr>
<td>BSE</td>
<td>Birdsfoot-trefoil-seed</td>
<td>BST</td>
<td>Birdsfoot-trefoil-seed</td>
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<tr>
<td>CLE</td>
<td>Clover</td>
<td>CLT</td>
<td>Clover</td>
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<tr>
<td>CGE</td>
<td>Clover-grass</td>
<td>CGT</td>
<td>Clover-grass</td>
</tr>
<tr>
<td>CSE</td>
<td>Clover-seed production</td>
<td>CST</td>
<td>Clover-seed production</td>
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</table>

Annual Agronomic Crops

<table>
<thead>
<tr>
<th>Code</th>
<th>Crop</th>
<th>Code</th>
<th>Crop</th>
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</thead>
<tbody>
<tr>
<td>BSP</td>
<td>Barley-spring</td>
<td>BUK</td>
<td>Buckwheat</td>
</tr>
<tr>
<td>BSS</td>
<td>Barley-spring/legume</td>
<td>CGO</td>
<td>Corn-grain</td>
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<tr>
<td>BWI</td>
<td>Barley-winter</td>
<td>COS</td>
<td>Corn-silage</td>
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<tr>
<td>BWS</td>
<td>Barley-winter/legume</td>
<td>MIL</td>
<td>Millet</td>
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<tr>
<td>BDR</td>
<td>Beans-dry</td>
<td>OAT</td>
<td>Oats</td>
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<tr>
<td>OAS</td>
<td>Oats seeded/legume</td>
<td>SUD</td>
<td>Sudangrass</td>
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Annual Vegetable Crops

<table>
<thead>
<tr>
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<th>Crop</th>
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</thead>
<tbody>
<tr>
<td>ASP</td>
<td>Asparagus</td>
<td>CFP</td>
<td>Cauliflower-transplanted</td>
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<tr>
<td>BND</td>
<td>Beans-dry</td>
<td>CFS</td>
<td>Cauliflower-seeded</td>
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<tr>
<td>BNL</td>
<td>Beans-Lima</td>
<td>CEL</td>
<td>Celery</td>
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<tr>
<td>BNS</td>
<td>Beans-Snap</td>
<td>CRD</td>
<td>Chard</td>
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<tr>
<td>BET</td>
<td>Beets</td>
<td>CHC</td>
<td>Chinese cabbage</td>
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<tr>
<td>BRP</td>
<td>Broccoli-transplanted</td>
<td>CKP</td>
<td>Cucumber-transplanted</td>
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<tr>
<td>BRS</td>
<td>Broccoli-seeded</td>
<td>CKS</td>
<td>Cucumber-seeded</td>
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<tr>
<td>BUS</td>
<td>Brussels sprouts</td>
<td>EGG</td>
<td>Eggplant</td>
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<tr>
<td>CBP</td>
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<td>END</td>
<td>Endive</td>
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<tr>
<td>CBS</td>
<td>Cabbage-seeded</td>
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<tr>
<td>CAR</td>
<td>Carrots</td>
<td>MIX</td>
<td>Mixed vegetables</td>
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</tbody>
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Miscellaneous Crops

<table>
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<tr>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>TRT</td>
<td>Christmas Tree, Topdress</td>
<td>TRE</td>
<td>Christmas Tree, Establishment</td>
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<tr>
<td>IDL</td>
<td>Idle land</td>
<td>IDL</td>
<td>Idle land</td>
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</tbody>
</table>

Comments

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