



New Jersey Agricultural Experiment Station

Lab # \_\_\_\_\_  
Received \_\_\_\_\_

**SOIL TESTING LABORATORY**  
57 U.S. Highway 1 South  
ASB-II, Cook Campus  
New Brunswick, NJ 08901  
848-932-9295 Fax: 732-932-9292  
[www.njaes.rutgers.edu/soiltestinglab](http://www.njaes.rutgers.edu/soiltestinglab)

FC

**Soil test questionnaire for field crops,  
commercial vegetable & fruit production,  
or field nursery**

\*For potting soil, compost, or other non-mineral growing media, use [Organic Media analysis questionnaire](#).

Follow [Sampling Instructions](#) carefully to obtain a representative soil sample. Then complete this form.

\_\_\_\_\_  
Name

(\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ (\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_  
Telephone FAX

\_\_\_\_\_  
Street address

\_\_\_\_\_  
email address for electronic reporting (otherwise, report mailed)

\_\_\_\_\_  
City, State, Zip

\_\_\_\_\_  
Your sample I.D., how you name or label the sample

✓ Test Request		Fees
<input type="checkbox"/>	<b>Farm Fertility Test</b> – Soil pH and nutrient availability (by Mehlich-3 extractant) <i>Limestone &amp; Fertilizer Recommendations are provided based soil/crop management factors.</i>	\$ 20.00
<input type="checkbox"/>	<b>Full Farm Test</b> – adds several agronomic soil properties <i>Farm fertility test plus plant-available N (nitrate + ammonium), organic matter, and textural class</i>	\$ 53.00
<input type="checkbox"/>	<b>Pre-sidedress Nitrate Test (PSNT)</b> – Soil nitrate-nitrogen (only) <i>Midseason test to determine additional N fertilizer requirement. Note special instructions: dry the sample immediately after sampling to preserve nitrate level.</i>	\$ 20.00
<input type="checkbox"/>	<b>Soil Health</b> – microbial respiration as biological indicator and N-mineralization potential <i>Adds Solvita™ CO<sub>2</sub>-burst test. Provides estimate of soil nitrogen availability and potential adjustment of nitrogen recommendation. *For Soil Health test without basic Soil Fertility Analyses, add \$ 5.00 soil processing fee.</i>	\$17.00 or \$ 22.00*
<input type="checkbox"/>	Other: _____ For a complete list of services, see: <a href="http://www.njaes.rutgers.edu/soiltestinglab/services">www.njaes.rutgers.edu/soiltestinglab/services</a>	\$
<b>Total payment required for test(s) requested:</b>		\$

Please attach payment for fees by check to "Rutgers, The State University of New Jersey"  
or provide credit card information below.

Visa or  Mastercard or  Discover

\_\_\_\_\_  
Name as it appears on card

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_  
Card number

\_\_\_\_\_  
Billing address (if different than above)

\_\_\_\_\_/\_\_\_\_\_  
Expiration date

\_\_\_\_\_  
3-digit Security code

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Lab use

Check no more than 2 types of planting and provide requested information for most suitable recommendations from a Rutgers Cooperative Extension agricultural agent.



<input type="radio"/> <b>Pasture, Silage, or Hay:</b> please provide as much detail as possible				
<input type="radio"/>	<b>Perennial Grasses</b>	<input type="radio"/> Timothy <input type="radio"/> Other tall grasses (fescue, orchard, brome, Reeds canary) <input type="radio"/> Bluegrass (with little to no clover)		<input type="radio"/> To be seeded (including tillage preparation) <input type="radio"/> Spring <input type="radio"/> Fall <input type="radio"/> Maintenance (amendments (applied on surface only))
<input type="radio"/>	<b>Legume + Grasses</b> (more than 25% legume)	<input type="radio"/> Alfalfa or alfalfa-grass mixture (more than 25% alfalfa) <input type="radio"/> Legume or legume-grass mixture (more than 25% legume) <input type="radio"/> Clover + tall-growing grasses (more than 25% clover) <input type="radio"/> White clover + bluegrass (more than 25% clover)		
<input type="radio"/>	<b>Field Corn for silage</b>			<b>Yield goal =</b> _____ ton/A
<input type="radio"/>	<b>Winter Rye for cover, grazing, or straw</b>			
<input type="radio"/>	<b>Summer annuals harvested forage:</b> Sudangrass, Millet, Forage-type Sorghums			10-15 Ton/A yield goal
<input type="radio"/>	<b>Summer annuals for Grazing, Cover Crop, or Wildlife Feed Pasture</b>		<input type="radio"/> Sudangrass and forage-type sorghums <input type="radio"/> Soybeans and sudangrass or millet	
<b>Grain</b>				<b>Yield goal</b>
<input type="radio"/>	<b>Field Corn</b>			bu/A
<input type="radio"/>	<b>Small Grains</b>	<input type="radio"/> Winter wheat, <input type="radio"/> barley, <input type="radio"/> rye, or <input type="radio"/> oats <input type="radio"/> Spring Oats <input type="radio"/> Any Small Grain double-cropped with Soybean <input type="radio"/> Any Small Grain interseeded with Legumes		bu/A
<input type="radio"/>	<b>Soybean</b> (single crop; see small grains for double-cropping)			bu/A
<input type="radio"/>	<b>Sorghum</b>			bu/A
<b>Vegetable or Fruit</b>				
<input type="radio"/>	<b>Annual vegetable</b>	<input type="radio"/> sweet corn <input type="radio"/> tomato <input type="radio"/> cucumber <input type="radio"/> peppers <input type="radio"/> beans <input type="radio"/> peas <input type="radio"/> lettuce <input type="radio"/> potato <input type="radio"/> spinach <input type="radio"/> broccoli <input type="radio"/> cabbage <input type="radio"/> zucchini <input type="radio"/> pumpkin <input type="radio"/> squash <input type="radio"/> melon		
<input type="radio"/>	<b>Perennial vegetable</b>	<input type="radio"/> asparagus <input type="radio"/> rhubarb <input type="radio"/> horseradish		<input type="radio"/> To be planted <input type="radio"/> Established
<input type="radio"/>	<b>Strawberry</b>		<input type="radio"/> To be planted <input type="radio"/> Established	Year fruit will set:
<input type="radio"/>	<b>Blueberry</b>		<input type="radio"/> To be planted <input type="radio"/> Established, Age _____ years old	
<input type="radio"/>	<b>Bramble</b>	<input type="radio"/> raspberry <input type="radio"/> blackberry	<input type="radio"/> To be planted <input type="radio"/> Established, Age _____ years old	
<input type="radio"/>	<b>Grape</b>		<input type="radio"/> To be planted <input type="radio"/> Established, Age _____ years old	
<b>Orchard Tree Fruit:</b>				
<input type="radio"/>	<input type="radio"/> Apple <input type="radio"/> Peach <input type="radio"/> Pear <input type="radio"/> Cherry <input type="radio"/> Apricot <input type="radio"/> Nectarine	<b>Variety:</b> _____	<input type="radio"/> Standard <input type="radio"/> Semi-dwarf <input type="radio"/> Dwarf	<input type="radio"/> To be planted <input type="radio"/> Established, Age: _____ years old
<b>Ornamental Shrub and/or Tree Nursery</b>				
<input type="radio"/>	<b>Woody ornamentals that prefer low pH (acid) soil</b>		<input type="radio"/> To be planted <input type="radio"/> Established	
<input type="radio"/>	<b>Other woody ornamentals</b>		<input type="radio"/> To be planted <input type="radio"/> Established	
<b>Field-grown Flowers</b> (not containerized: use Organic Media Questionnaire for container & greenhouse soil.)				
<input type="radio"/>	<b>Annual &amp; biennial flowers</b>		<input type="radio"/> To be planted <input type="radio"/> Established	
<input type="radio"/>	<b>Perennial flowers, bulbs, &amp; vegetative ground cover</b>		<input type="radio"/> To be planted <input type="radio"/> Established	
<input type="radio"/>	<b>Other</b>	Please specify:		<input type="radio"/> To be planted <input type="radio"/> Established

**Soil and Crop management history:**

Soil type, if known \_\_\_\_\_ acres  
Field size

Previous crop: \_\_\_\_\_ (20\_\_\_\_)

Previous crop yield \_\_\_\_\_ per acre (good/fair/poor)

<i>Specify amendments applied in the past year:</i>		Month/Year	Kind	Amount (lb/A)
	Lime			
	Fertilizer			
Organic Matter				

**Natural organic management:**  planned  transitioning  certified

**Current year organic matter application**

Manure to be applied: \_\_\_\_\_  w/ bedding \_\_\_\_\_  
*kind kind*

Application rate: \_\_\_\_\_ T/A \_\_\_\_\_ time(s) per year, or once every \_\_\_\_\_ years  
*amount frequency*

Municipal leaves to be applied: Application rate: \_\_\_\_\_ T/A or \_\_\_\_\_ inches (layer thickness)

Sod or cover crop to be plowed down \_\_\_\_\_  25%  50%  75%  
*kind % stand at plow-down*

**Growing conditions of the field:**

**Tillage**

- Conventional
- Reduced tillage
- No-till

**Irrigation**

- None
- Overhead
- Drip

**Drainage**

- Good
- Fair
- Poor

**Topography**

- Level
- Sloping
- Terrace

**Crop to follow:** \_\_\_\_\_

See Sampling Instructions for information on packaging the soil for delivery. Enclose this form and payment. After sample is received, allow for 5 to 10 days of analysis time depending on season. Your soil test report will be sent electronically if a legible email address is included. A Rutgers Cooperative Extension agricultural agent also receives a copy of the soil test report and will contact you regarding fertilization recommendations.



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North American Proficiency Testing Program  
Soil Science Society of America

