



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

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"/>	Farm Fertility Test – Soil pH and nutrient availability (by Mehlich-3 extractant) <i>Limestone & Fertilizer Recommendations are provided based soil/crop management factors.</i>	\$ 20.00
<input type="checkbox"/>	Full Farm Test – 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"/>	Pre-sidedress Nitrate Test (PSNT) – 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"/>	Soil Health – microbial respiration as biological indicator and N-mineralization potential <i>Adds Solvita™ CO₂-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: www.njaes.rutgers.edu/soiltestinglab/services	\$
Total payment required for test(s) requested:		\$

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"/> Pasture, Silage, or Hay: please provide as much detail as possible				
<input type="radio"/>	Perennial Grasses	<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"/>	Legume + Grasses (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"/>	Field Corn for silage			Yield goal = _____ ton/A
<input type="radio"/>	Winter Rye for cover, grazing, or straw			
<input type="radio"/>	Summer annuals harvested forage: Sudangrass, Millet, Forage-type Sorghums			10-15 Ton/A yield goal
<input type="radio"/>	Summer annuals for Grazing, Cover Crop, or Wildlife Feed Pasture		<input type="radio"/> Sudangrass and forage-type sorghums <input type="radio"/> Soybeans and sudangrass or millet	
Grain				Yield goal
<input type="radio"/>	Field Corn			bu/A
<input type="radio"/>	Small Grains	<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"/>	Soybean (single crop; see small grains for double-cropping)			bu/A
<input type="radio"/>	Sorghum			bu/A
Vegetable or Fruit				
<input type="radio"/>	Annual vegetable	<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"/>	Perennial vegetable	<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"/>	Strawberry		<input type="radio"/> To be planted <input type="radio"/> Established	Year fruit will set:
<input type="radio"/>	Blueberry		<input type="radio"/> To be planted <input type="radio"/> Established, Age _____ years old	
<input type="radio"/>	Bramble	<input type="radio"/> raspberry <input type="radio"/> blackberry	<input type="radio"/> To be planted <input type="radio"/> Established, Age _____ years old	
<input type="radio"/>	Grape		<input type="radio"/> To be planted <input type="radio"/> Established, Age _____ years old	
Orchard Tree Fruit:				
<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	Variety: _____	<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
Ornamental Shrub and/or Tree Nursery				
<input type="radio"/>	Woody ornamentals that prefer low pH (acid) soil		<input type="radio"/> To be planted <input type="radio"/> Established	
<input type="radio"/>	Other woody ornamentals		<input type="radio"/> To be planted <input type="radio"/> Established	
Field-grown Flowers (not containerized: use Organic Media Questionnaire for container & greenhouse soil.)				
<input type="radio"/>	Annual & biennial flowers		<input type="radio"/> To be planted <input type="radio"/> Established	
<input type="radio"/>	Perennial flowers, bulbs, & vegetative ground cover		<input type="radio"/> To be planted <input type="radio"/> Established	
<input type="radio"/>	Other	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

