



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.**

Name _____ Telephone (____) _____ - _____ County _____
Street address _____ Email address for electronic reporting (otherwise, report mailed) _____
City, State, Zip _____ Sample I.D., how you name or label this 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 on results and soil/crop management factors. Provide requested information for most suitable recommendations from your Rutgers Cooperative Extension agent.</i>	\$ 20
<input type="checkbox"/>	Pre-sidedress Nitrate Test (PSNT) - Plant-available nitrate-nitrogen (only) to determine mid-season fertilizer requirement. <i>PSNT can be performed instead of fertility test (no additional fee). For both, enclose fee. Note special instructions: dry the sample immediately after sampling to preserve nitrate level.</i>	\$ 20
Special soil tests can be added to fertility test for additional fees.		Add
<input type="checkbox"/>	Full Farm Test – Plant-available nitrogen and organic matter content <i>Adds agronomically important soil properties to farm fertility test</i>	\$ 35
<input type="checkbox"/>	Soil Health (Soil CO₂-burst) Test – Microbial respiration, a biological indicator of soil health <i>Adds Solvita™ CO₂-burst test. Provides estimate of soil nitrogen availability and potential adjustment of nitrogen recommendation.</i>	\$ 18
<input type="checkbox"/>	Other: _____ For a complete list of services, see: www.njaes.rutgers.edu/soiltestinglab/services	\$
Total payment required for additional tests requested:		\$

For any additional fees, please attach payment 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 _____
Billing address (if different than above) _____
Signature _____

Card number _____
Expiration date _____ / _____
3-digit Security code _____
Lab use _____

Continue on reverse side

Follow Sampling Instructions carefully to obtain a representative soil sample, then complete this form.
Crop for which recommendations are requested: (no more than two)

<input type="radio"/> Pasture, Hay, or Silage: please provide as much detail as possible				
<input type="radio"/>	Perennial Grasses	<input type="radio"/> Timothy <input type="radio"/> Other tall grasses (fescue, orchardgrass, bromegrass) <input type="radio"/> Bluegrass (with little to no clover)	<input type="radio"/> New seeding (including tillage for soil preparation) <input type="radio"/> Spring <input type="radio"/> Fall <input type="radio"/> Maintenance (amendments applied on surface only)	
<input type="radio"/>	Legume + Grasses (> 25% legume)	<input type="radio"/> Alfalfa or alfalfa-grass mixture (>25% alfalfa) <input type="radio"/> Legume or legume-grass mixture (>25% clover) <input type="radio"/> Clover + tall-growing grasses (>25% clover) <input type="radio"/> White clover + bluegrass (>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 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"/> MIXED <input type="radio"/> sweet corn <input type="radio"/> lettuce <input type="radio"/> spinach <input type="radio"/> celery <input type="radio"/> herbs, other greens <input type="radio"/> tomato <input type="radio"/> eggplant <input type="radio"/> pepper <input type="radio"/> white potato <input type="radio"/> sweet potato <input type="radio"/> carrot <input type="radio"/> beet <input type="radio"/> onion <input type="radio"/> garlic <input type="radio"/> broccoli <input type="radio"/> cabbage <input type="radio"/> kale <input type="radio"/> cauliflower <input type="radio"/> Brussels sprouts <input type="radio"/> cucumber <input type="radio"/> zucchini <input type="radio"/> pumpkin <input type="radio"/> squash <input type="radio"/> melon <input type="radio"/> bean <input type="radio"/> pea		
<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"/>	Trees and woody ornamentals that prefer low pH (acidic) soil	Christmas trees, nut trees, evergreen trees, shade trees, flowering/ornamental trees/shrubs	<input type="radio"/> To be planted <input type="radio"/> Established	
<input type="radio"/>	Trees and woody ornamentals that prefer slightly acidic to neutral soil	Christmas trees, nut trees, evergreen trees, shade trees, flowering/ornamental trees/shrubs	<input type="radio"/> To be planted <input type="radio"/> Established	
Field-grown Flowers (not containerized. Use <i>Organic Media Questionnaire</i> 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:

Serial numbers of other samples from this field _____

Soil type, if known _____ acres
Field size

Previous crop: _____ (20____)

Previous crop yield _____ per acre (good/fair/poor)

Amendments applied in the past year:		Month/Year	Kind	Amount (lb/A)
	Lime			
	Fertilizer			
Organic Matter				

Natural organic management: planned transitioning certified

Organic Matter application for current year:

Compost to be applied: _____ application rate: _____ /Acre
kind amount

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

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

Future plans for this field/area (following the upcoming/current season) that may affect recommendation:



<http://njaes.rutgers.edu/soiltestinglab/>

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