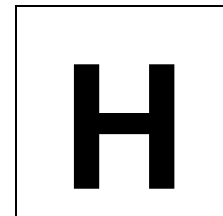


# CORNELL NUTRIENT ANALYSIS LABORATORY

G01 Bradfield Hall, Ithaca, NY 14853

Phone: (607)255-4540; Fax: (607)255-7656

Email: [soiltest@cornell.edu](mailto:soiltest@cornell.edu); Web: <http://cna.cals.cornell.edu>



## USE FOR HOMEGARDENS ONLY

(Fruit, Vegetables, Ornamentals, Trees, and Lawn)

STANDARD SOIL FERTILITY TEST (CNAL 1030 Package): Test cost \$15.00 per sample

Grower name (please print):			Representative name:		
Business name:			Business name:		
Street or Road. No.:			Street or Road. No.:		
City:	State:	Zip:	City:	State:	Zip:
Phone:	Fax:		Phone:	Fax:	
Email:			Email:		
SOIL INFORMATION (Required)					
Sample Identification		Soil Bag Number		Date Sampled	
Environment		Topography		Texture	
<input type="checkbox"/> Sunny <input type="checkbox"/> Mostly sunny <input type="checkbox"/> Mostly shady <input type="checkbox"/> Shady		<input type="checkbox"/> Hilltop <input type="checkbox"/> Hillside <input type="checkbox"/> Valley floor <input type="checkbox"/> Plain		<input type="checkbox"/> Sandy <input type="checkbox"/> Loamy <input type="checkbox"/> Silty <input type="checkbox"/> Clayey	
				<input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	
FOR ALL CROPS (Required)					
Crop Grown			Recommendations required for (Check one)		
[ ][ ][ ] Crop code (Place crop code from back of the sheet) _____ Variety			<input type="checkbox"/> Maintenance after planting <input type="checkbox"/> Establishment of plants		
FOR TREES AND SHRUBS					
Age/Size		Location		Pruning	
<input type="checkbox"/> Age (Years) <input type="checkbox"/> Height (Feet) <input type="checkbox"/> Trunk diameter (In.) at 4 ½ ft. height.		<input type="checkbox"/> Fertilized lawn <input type="checkbox"/> Unfertilized lawn <input type="checkbox"/> other		<input type="checkbox"/> None <input type="checkbox"/> Less than 1/4 canopy <input type="checkbox"/> 1/4 to 1/3 canopy <input type="checkbox"/> More than 1/3 canopy	
				<input type="checkbox"/> Dwarf <input type="checkbox"/> Semi-dwarf <input type="checkbox"/> Full size	
FOR LAWNS					
Grass species (Check one)				Irrigation	
<input type="checkbox"/> Kentucky bluegrass <input type="checkbox"/> Annual bluegrass <input type="checkbox"/> Fine fescue <input type="checkbox"/> Red fescue		<input type="checkbox"/> Bentgrass <input type="checkbox"/> Zoysia <input type="checkbox"/> General lawn mixture <input type="checkbox"/> Shady lawn mixture		<input type="checkbox"/> Other grass name or variety <input type="checkbox"/> None <input type="checkbox"/> Occasional <input type="checkbox"/> Scheduled <input type="checkbox"/> Rate in inches/week	
OPTIONAL TESTS					
Enclose check made payable to Cornell University for the total cost of optional tests requested					
Test		Cost per sample(\$)		Payment for optional tests	
<input type="checkbox"/> Nitrate (Morgan extractant)		\$5.00		<input type="checkbox"/> Check enclosed <input type="checkbox"/> Paid Cooperative Extension Office <input type="checkbox"/> Account Number _____	
<input type="checkbox"/> Soluble salts		\$5.00			
<input type="checkbox"/> Boron (Hot water)		\$10.00			
<input type="checkbox"/> Cation exchange capacity (2030)—Direct method (Amm. Acetate)*		\$20.00			
<input type="checkbox"/> Total metals (EPA 3051-6010)—Nitric acid digest*		\$40.00			
* No interpretations and recommendations will be provided. Please allow a minimum of 2 weeks for test results.					

**GENERAL SOIL TEST INFORMATION**

Standard tests and lime requirement are determined on all samples and are included with the purchase of the soil bag.

**Standard Fertility Test Package includes:** pH, exchange acidity (lime requirement), organic matter, and Morgan extractable phosphorus, potassium, calcium, magnesium, aluminum, iron, zinc, and manganese.

**Sample Submission Instructions:** Place about 1 cup of your well-mixed soil sample into the plastic bag enclosed within the pre-paid cloth 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.

Additional submission forms for download are available on our website: <http://cna1.cals.cornell.edu>.

**ORNAMENTALS AND TREES**

Code	Crop Name	Code	Crop Name	Code	Crop Name	Code	Crop Name
ALG	Azalea	SAG	Beautybush	SAG	Hemlock	SAG	Sassafras
ALG	Bayberry	SAG	Birch, white	SAG	Grapeholly	SAG	Spiraea
ALG	Chokeberry	SAG	Bittersweet	SAG	Honeylocust	SAG	Spruce
ALG	Franklinia	SAG	Boxwood	SAG	Honeysuckle	SAG	Sweetgum
ALG	Holly	SAG	Chastetree	SAG	Hornbeam	SAG	Sweet shrub
ALG	Inkberry	SAG	Chestnut	SAG	Hypericum	SAG	Sycamore
ALG	Leucothoe	SAG	Clematis	SAG	Ivy	SAG	Tulip tree
ALG	Mountain laurel	SAG	Coralberry	SAG	Jetbead	SAG	Tupelo
ALG	Pine Oak	SAG	Cotoneaster	SAG	Juniper	SAG	VA creeper
ALG	Paxistima	SAG	Crabapple	SAG	Larch	SAG	Viburnum
ALG	Pieris	SAG	Cotoneaster	SAG	Lilac	SAG	Vinca
ALG	Rhododendron	SAG	Crabapple	SAG	Linden	SAG	Walnut
ALG	Sheep laurel	SAG	Cyprus	SAG	Magnolia	SAG	Wayfaring tree
ALG	Sourwood	SAG	Daphne	SAG	Maple	SAG	Weigela
ALG	Spicebush	SAG	Deutzia	SAG	Mockorange	SAG	Willow
ALG	Winterberry holly	SAG	Dogwood	SAG	Oak, English	SAG	Wisteria
FLA	Flowering annuals	SAG	Enkianthus	SAG	Oak, Scarlet	SAG	Witch hazel
PER	Perennials	SAG	Euonymus	SAG	Oak, Turkey	SAG	Yellowwood
ROS	Roses	SAG	Firethorn	SAG	Pea shrub	SAG	Yew
SAG	Abelia	SAG	Fir	SAG	Pine	SPB	Spring flower bulb
SAG	Almond	SAG	Forsythia	SAG	Plum flowering	SUB	Summer flower bulb
SAG	Ajuga	SAG	Germander	SAG	Privet	TRT	Christmas tree, topdress
SAG	Arborvitae	SAG	Ginkgo	SAG	Quince		
SAG	Ash	SAG	Goldenchain	SAG	Redbud	TRE	Christmass tree, establishment
SAG	Barberry	SAG	Hawthorn	SAG	Rose of Sharon		

**LAWN**

Code	Crop Name
LAW	Lawn

**VEGETABLES AND FRUITS**

Code	Crop Name	Code	Crop Name	Code	Crop Name
APR	Asparagus	HRB	Herbs	STR	Strawberry
BLB	Blueberries	LET	Lettuce	SQS	Summer squash
CAR	Carrots	MVG	Mixed vegetables	SQW	Winter squash
CBS/CBP	Cabbage seeded/transplanted	POT	Potato	TOM	Tomatoes
GRA	Grapes	RSP	Raspberries	TRF	Tree fruits

**MISCELLANEOUS**

Code	Crop Name
IDL	Idle land*
OTH	Crops not listed*

\* - No interpretation and recommendations will be provided.

**COMMENTS**
