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# Agro-One Soils Laboratory

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Email: soil@dairyone.com • Web: www.dairyone.com  
Nutrient guidelines provided by Cornell University.



Cornell University  
College of Agriculture and Life Sciences

## Multiple Sample Submission Form for NEW YORK State: Commercial Vegetable Crops

Go to <http://www.dairyone.com/soilLaboratories/ForageinfoSoil.pdf> for other soil testing services available in NY, PA, VT, NH, and MD.

(835) Morgan Soil Test Package, \$16 per sample. Official Cornell soil extraction procedure on which Cornell nutrient guidelines are based.

**Nutrient guidelines will be reported ONLY if a valid soil name is provided.**

For soil maps and soil names visit <http://websoilsurvey.nrcs.usda.gov/app/>

<b>Grower Information:</b>										<b>Commercial representative or CCE Educator:</b>					<b>Sample Origin</b>		
Name: _____										Name: _____					County: _____		
Street: _____										Street: _____					Email for additional recipient _____		
City, ST, Zip: _____										City, ST, Zip: _____					<b>Format for Cropware</b> <input type="checkbox"/> YES		
Email / Fax: _____										Email / Fax: _____							
#Samples _____ x Cost per sample \$ _____ = Amount Due \$ _____										Credit Card Check One: <input type="checkbox"/> VISA <input type="checkbox"/> MasterCard <input type="checkbox"/> American Express					Expiration Date Mo/Yr ____/____		
<input type="checkbox"/> Check payable Dairy One <input type="checkbox"/> Pre-Paid CNAL Bag										Card No. _____							
Check No. _____ <input type="checkbox"/> Bill Dairy One Account:										Signature: _____					3 Digit CVC on back of card ____		
<b>SOIL INFORMATION</b> Visit <a href="http://websoilsurvey.nrcs.usda.gov/app/">http://websoilsurvey.nrcs.usda.gov/app/</a> for soil maps and names										<b>CROP INFORMATION - crop codes on back page</b>							
Lab ID <i>For Lab Use Only</i>	CNAL Bag No.	Field ID	Other Tests	Sample date	Soil Name <i>Required</i>	Tillage Depth <sup>1</sup>	Artificial Drainage <sup>2</sup>	% Legume <sup>3</sup>	Cover Crop <sup>4</sup>	Past year crops			Future Crops				
										3 yrs ago	2yrs ago	Last yr	This yr	Next yr	Third yr		
For Lab Use Only																	
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<sup>1</sup> Tillage Depth Please write 1, 2, 3, or 4 (1 = no till, 2 = 1-7 inches, 3 = 7-9 inches, 4 = > 9 inches)

<sup>2</sup> Drainage Please write 1, 2, 3, or 4 (1 = None, 2 = Inadequate, 3 = Adequate, 4 = Excellent)

<sup>3</sup> % Legume

<sup>4</sup> Cover Crop

Please write 1, 2, 3 or 4 (% Legume 1 = 0% 2 = 1-25% 3 = 26 - 50% 4 = 51-100%)

Please write 1,2,3 (1=Before next crop, 2=Before 2nd years crop, 3=Before 3rd years crop)

## GENERAL SOIL TEST INFORMATION

Standard tests and lime requirement are determined on all samples and are included in the analysis fee. Nutrient guidelines will be provided if a valid soil name is included.

**The Morgan Soil Test package includes** pH, Modified Mehlich Buffer pH (lime requirement), organic matter and extractable phosphorus, potassium, calcium, manganese, aluminum, iron, zinc & manganese.

Sample Submission Instructions: Place about 1 cup of your well-mixed soil sample into the sample box, close the box and label. Fill out the submission form, fold & submit it with soil samples. Ship to Dairy One, 730 Warren Road, Ithaca NY 14850 by US Mail, UPS, Fed Ex, etc. Go to the Agro-One tab at [www.dairyone.com](http://www.dairyone.com) for info about free overnight shipping & handling available in some locations. Results and nutrient guidelines are returned by US Mail, fax or email.

Additional forms can be downloaded from [www.dairyone.com](http://www.dairyone.com) under the Agro-One tab. Order soil test kits, manure sample kits, forage sample kits and sample sheets at 1-800-344-2697 x 2142 or by email at [supply@dairyone.com](mailto:supply@dairyone.com)

### Annual Vegetable Crops

CODE	CODE	CODE	CODE
ASP Asparagus	CFP Cauliflower-transplanted	MML Muskmelon	RAD Radishes
BND Beans-dry	CFS Cauliflower-seeded	MUS Mustard	RHU Rhubarb
BNL Beans-Lima	CEL Celery	ONP Onion-transplanted	SPS Spinach-spring
BNS Beans-Snap	CRD Chard	ONS Onion-Seeded	SPF Spinach-fall
BET Beets	CHC Chinese cabbage	PLS Parsley	SQS Squash-summer
BRP Broccoli-transplanted	CKP Cucumber-transplanted	PSN Parsnip	SQW Squash-winter
BRS Broccoli-seeded	CKS Cucumber-seeded	PEA Peas	SWC Sweet corn
BUS Brussels sprouts	EGG Eggplant	PEP Peppers	TME Tomatoes-early
CBP Cabbage-transplanted	END Endive	POP Popcorn	TOM Tomatoes-all other
CBS Cabbage-seeded	LET Lettuce	POT Potatoes	TUR Turnips
CAR Carrots	MIX Mixed vegetables	PUM Pumpkins	WAR Watermelon

### Perennial Agronomic Crops - or use Form A for Commercial Field Crops

CODE	INITIAL ESTABLISHMENT (Pre-plant)	CODE	TOPDRESS ESTABLISHED STANDS	CODE	INITIAL ESTABLISHMENT (Pre-Plant)	CODE	TOPDRESS ESTABLISHED STANDS
ALE	Alfalfa	ALT	Alfalfa	CVE	Crownvetch	CVT	Crownvetch
AGE	Alfalfa-grass	AGT	Alfalfa-grass	GRE	Grasses	GRT	Grasses (brome, timothy)
ABE	Alfalfa-trefoil-grass	ABT	Alfalfa-trefoil-grass	GIE	Grass-Intensive management	GIT	Grass-intensive management
BTE	Birdsfoot-trefoil	BTT	Birdsfoot-trefoil	PIE	Pasture-Rotationally grazed	PIT	Pasture-intensive management
BGE	Birdsfoot-trefoil-grass	BGT	Birdsfoot-trefoil-grass	PGE	Pasture with improved grasses	PNT	Pasture w/native grass
BCE	Birdsfoot-trefoil-clover	BCT	Birdsfoot-trefoil-clover-grass	PLE	Pasture w/legumes	PGT	Pasture w/improved grass
BSE	Birdsfoot-trefoil-seed	BST	Birdsfoot-trefoil-seed			PLT	Pasture w/legumes
CLE	Clover	CLT	Clover			WPT	Waterways, pond dikes
CGE	Clover-grass	CGT	Clover-grass				
CSE	Clover-seed production	CST	Clover-seed production				

### Annual Agronomic Crops - or Use Form A for Commercial Field Crops

CODE	CODE	CODE	CODE
BSP Barley-spring	BUK Buckwheat	RYC Rye-cover crop	SOY Soybeans
BSS Barley-spring w/legume	COG Corn-grain	RYS Rye-seed production	SUN Sunflower
BWI Barley-winter	COS Corn-silage	SOG Sorghum-grain	TRP Triticale, Peas
BWS Barley-winter w/legume	MIL Millet	SOF Sorghum-forage	WHT Wheat
BDR Beans-dry	OAT Oats	SSH Sorghum sudangrass hybrid	WHS Wheat w/legume
	OAS Oats seeded w/legume	SUD Sudangrass	

#### Miscellaneous Crops - Results only. No interpretation or nutrient guidelines provided.

CODE	CODE	
IDL Idle Land <i>Results only</i>	OTH Crops not listed <i>Results only</i>	<b><i>The complete list of crop codes can be found at <a href="http://www.dairyone.com">www.dairyone.com</a> under the Agro-One Tab</i></b>

**Optional Tests; Results Only. No Interpretations will be provided for optional tests. Please enclose a check for the total cost of standard and additional tests requested.**

Test	Cost per sample \$		
<input type="checkbox"/> (836) pH in 0.01M CaCl <sub>2</sub>	\$5.00	<b>NOTE:</b> Total Metals Test (EPA 3051-6010), Illinois soil nitrate test (ISNT), and Cation Exchange Capacity (2030) Direct Method (Amm Acetate) are available from the Cornell Nutrient Analysis Lab. Contact CNAL @ 1-607-255-4540, <a href="mailto:soiltest@cornell.edu">soiltest@cornell.edu</a> or <a href="http://cna1.cals.cornell.edu/">http://cna1.cals.cornell.edu/</a> for guidelines and pricing.	
<input type="checkbox"/> (837) Soluble salts	\$5.00		
<input type="checkbox"/> (838) No-till pH (0-1 inch)	\$5.00		
<input type="checkbox"/> (839) Nitrate (PSNT)	\$6.00		
<input type="checkbox"/> (840) Boron (Hot water)	\$10.00		

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