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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.



Dairy One



Cornell University

College of Agriculture and Life Sciences

Multiple Sample Submission Form for NEW YORK State: Commercial Field Crops

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

Others services, including PSNT, listed on back page

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

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/>

Grower Information:													Commercial representative or CCE Extension Educator:				Sample Origin		
Name: _____													Name: _____				County _____		
Street: _____													Street: _____						
City, ST, Zip: _____													City ST ZIP: _____						
Email / Fax: _____													Email / Fax: _____				Format for Cropware <input type="checkbox"/> Yes		
# Samples _____ x Cost per Sample \$ _____ = Amount Due \$ _____						Credit Card Check One <input type="checkbox"/> VISA <input type="checkbox"/> MasterCard <input type="checkbox"/> American Express													
<input type="checkbox"/> Check Payable Dairy One			<input type="checkbox"/> Pre-Paid CNAL Bag			Card No. _____						Expiration Date ____/____/____							
Check No. _____			<input type="checkbox"/> Bill Dairy One Account			Signature _____						3 Digit CVC (on back of card) _____							
SOIL INFORMATION Visit http://websoilsurvey.nrcs.usda.gov/app/ for soil maps & names													CROP INFORMATION - CROP CODES on back page						
LAB ID FOR LAB USE ONLY		CNAL Bag No.	SAMPLE ID			Other Tests	Sample Date	Soil Name REQUIRED			Tillage Depth ¹	Artificial Drainage ²	% Legume last yr ³	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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¹ Tillage Depth Please write 1, 2, 3, or 4 (1 = no till, 2 = 1-7 inches, 3 = 7-9 inches, 4 = greater than 9 inches)

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

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

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.

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

Sample Submission Instructions: Place about 1 cup of your well-mixed soil sample into the sample boxes, close the box and label. Fill out the submission form, fold and 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 for information about free overnight shipping and 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 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 email: supply@dairyone.com

Perennial Agronomic Crops

CODE	Initial Establishment - pre-plant	CODE	Topdressing Established Stands	CODE	Initial Establishment	CODE	Topdressing 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-rotation grazed	PIT	Pasture-intensive management
BGE	Birdsfoot-trefoil-grass	BGT	Birdsfoot-trefoil-grass	PGE	Pasture w/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	WPE	Waterways, Pond, Dike	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

CODE	CROP	CODE	CROP	CODE	CROP	CODE	CROP
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		

Annual Vegetable Crops - Commercial Vegetable Growers should use Form V if available

CODE	CROP	CODE	CROP	CODE	CROP	CODE	CROP
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	PSL	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	WAT	Watermelon

Miscellaneous Crops - Results only. No interpretations or nutrient guidelines will be provided for IDL or OTH crop codes.

CODE	CROP	CODE	CROP	
IDL	Idle Land	OTH	Crops not listed	Go to the Agro-One Tab at www.dairyone.com for the complete list of crop codes.

OPTIONAL TESTS, Results only. No interpretations will be provided for optional tests. (Please enclose check for the total cost of all tests requested)

Test	Cost per sample (\$)	
(836) pH in 0.01M CaCl ₂	\$5.00	<p>Note: Heavy metal and cation exchange capacity (CEC) testing are available through the Cornell Nutrient Analysis Lab (CNAL) Please contact CNAL directly at 1-607-255-4540, soiltest@cornell.edu or http://cna.cals.cornell.edu</p>
(837) Soluble salts	\$5.00	
(838) No-till pH (0-1 inch)	\$5.00	
(839) Nitrate (PSNT)	\$6.00	
(840) Boron (Hot water)	\$10.00	

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