



Soil Sample Information Sheet for Commercial Crop Production

Please Print (Form expires July 2016)

INSTRUCTIONS: Follow sampling instructions on box. For a recommendation, be sure to fill in the crop code number. Place check marks (✓) where appropriate. Use another form for home lawns, gardens, etc. Send samples, forms, and any payment to Virginia Tech Soil Testing Lab, 145 Smyth Hall (MC 0465), 185 Ag Quad Ln, Blacksburg VA 24061, in a sturdy shipping carton weighing less than 37 pounds. Processing will be delayed if soil is not received in an official sample box. See www.soiltest.vt.edu for more information.

Your Name: _____ E-mail: _____ Phone: _____ Mailing Address: _____ _____ City: _____ ZIP Code (required): _____ County Where Soil is Located (required): _____ Copy Report To (Consultant, etc.): _____ Their E-mail: _____	Date sampled: _____ MM/DD/YY Office Use only Extension Unit Code: <div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto;"></div>
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Your Sample Box ID
use letters or numbers

Sample Track & Field ID
use letters or numbers

CROP INFORMATION

Crop to be Grown		Last Crop (if a legume)		
Crop Code # <small>(from list on back)</small>	Name	Crop Code # <small>(from list on back)</small>	Name	Yield Bu/A, etc.
<input type="text"/> <input type="text"/> <input type="text"/>	_____	<input type="text"/> <input type="text"/> <input type="text"/>	_____	_____

SOIL INFORMATION

Last Lime Application		Check <input checked="" type="checkbox"/> if <input type="checkbox"/> Field has artificial drainage <input type="checkbox"/> Soil is a Histosol <input type="checkbox"/> Manure will be applied	Prominent Soils in Field (see back)		Your Yield Estimate	
Months Previous	Rate Ton/Acre		Soil Map Unit Symbol for:*	Percent (%) of Field	(For crop to be grown) Select Units	
<input type="radio"/> -	<input type="radio"/> 0		Largest area _____	_____	<input type="checkbox"/> Tons/Acre	
<input type="radio"/> 0-6	<input type="radio"/> 0.1-1.0		2 nd Largest Area _____	_____	<input type="checkbox"/> Bushels/Acre	
<input type="radio"/> 7-12	<input type="radio"/> 1.1-2.0		3 rd Largest Area _____	_____	<input type="checkbox"/> Acres/AU*	
<input type="radio"/> 13-18	<input type="radio"/> 2.1-3.0		*Soil Map Unit Symbol may be obtained from a County Soil Survey Report or a NRCS Conservation Plan. Include only areas that make up at least 20% of field.		*Animal Unit = one 1,000 lb cow w/calf or two 500 lb steers, or five ewes w/lambs.	
<input type="radio"/> 19+	<input type="radio"/> 3.1+					

SOIL TEST DESIRED AND FEES

	COST PER SAMPLE	
	IN-STATE	OUT-OF-STATE
<input type="checkbox"/> Routine (soil pH, P, K, Ca, Mg, Zn, Mn, Cu, Fe, B, and estimated CEC)	No-Charge	\$16.00
<input type="checkbox"/> Organic Matter	\$4.00	\$6.00
<input type="checkbox"/> Soluble Salts	\$2.00	\$3.00
<input type="checkbox"/> Fax Results: FAX # (w/area code) _____	\$1.00	\$2.00

Method of Payment: Check Enclosed *or* Bill my Business Tax ID # required for billing _____

Send in payment along with soil sample and form; make check or money order payable to **“Treasurer, Virginia Tech.”**

www.ext.vt.edu

Produced by Communications and Marketing, College of Agriculture and Life Sciences, Virginia Tech, 2015

CROP CODES *(Insert crop number and name on front of form)*

Field Crops

Corn:	
Grain, No Till	1
Grain, Conventional	2
Silage, No Till	3
Silage, Conventional	4
Irrigated.	20
Sorghum:	
Grain	5
Silage	22
Canola	21
Wheat	6
Barley	7
Barley Silage-Corn Silage Rotation	23
Oats	8
Rye, Grain or Silage only	9
Double-Crop Rotations:	
Small Grain – Grain Sorghum	12
Small Grain – Soybean	11
Soybeans	10
Peanuts	13
Corn-Peanut Rotation	19
Cotton	14
Tobacco:	
Flue-Cured	15
Dark-Fired	16
Sun-Cured	17
Burley.	18

Forage Crops – Establishment

Alfalfa, Alfalfa-Grass	30
Tall Fescue/Orchardgrass without or with Clover (Red/Ladino).	31
Bermudagrass	34
Sorghum-Sudan, Millet, Sudan	35
Small Grains with Winter Annual Legumes for Hay or Grazing	36
Wildlife/Erosion Control Mixture	32

Forage Crops – Maintenance

Hay:	
Alfalfa or Alfalfa with Grass	37
Tall Grass with Clover	38
Tall Fescue/Orchardgrass.	44
Bermudagrass	47
Pasture:	
Fescue/Orchardgrass - Clover	40
Native or Unimproved	42
Bermudagrass	46
Stockpiled Tall Fescue	45
Switchgrass	48

Commercial Vegetable Crops

Asparagus – Nonhybrid Strains	50
Asparagus – New Hybrid	51
Bean, Lima	52
Beans, Snap	53
Broccoli, Cauliflower	54
Cabbage	55
Brussels Sprouts, Collards	56
Cucumbers	57
Muskmelons	58
Onions, Bulbs	59
Onion, Scallions	60
Peas	61
Peppers.	62
Potatoes, White	63
Potatoes, Sweet	64
Pumpkins.	65
Spinach.	66
Squash	67
Sweet Corn – Fresh Market	69
Sweet Corn – Processing	70
Tomatoes – Fresh Market	71
Tomatoes – Process, Multiple Harvests	72
Tomatoes – Process, Single Harvest	73
Watermelons	74

Hops	75
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Commercial Turf Production

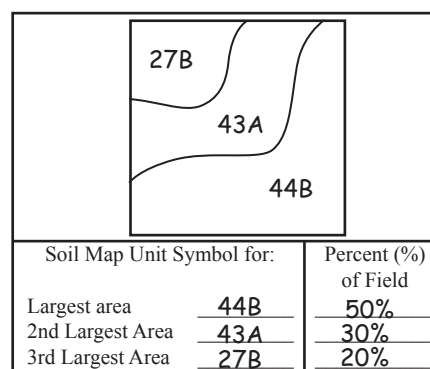
Sod Production:	
Kentucky Bluegrass, Fescue	90
Bermuda, Zoysia	91

Fruit Crops

Grapes	94
Apples	95
Peaches.	96
Strawberries	97
Blueberries.	98
Blackberries, Raspberries	99

Commercial Forest Tree

Hardwood:	
Establishment.	105
Maintenance	106
Nursery, Black Walnut	107
Pine:	
Establishment.	109
Maintenance	110
Nursery	111
Christmas Trees:	
Frazer Fir, Norway Spruce, Hemlock.	113
White Pine, Virginia Pine, Scotch Pine	114
Blue Spruce, Red Cedar	115
Nursery	116



Example: Obtaining soil information

Providing Soils Information

Fertilizer recommendations are based on potential crop yield. Since yields vary from soil to soil, information on your soils will enable the Soil Testing Lab to make a customized recommendation for your field. Soil information may be obtained from a County Soil Survey Report (<http://soils.usda.gov/survey>) or a NRCS Conservation Plan. Locate your field on the appropriate map and indicate on the front of this form 1) the major Soil Map Unit Symbols in the field, 2) the approximate percent (%) of the field each soil occupies, and 3) the county the field is in. See example above. **Please note:** Soil Map Unit symbols are requested rather than the soil name because the symbols give information on soil series, soil type, slope phase, and degree of erosion, all of which affect projected crop yield.

When Soil Maps Are Not Available

If your county hasn't been mapped, or if you don't have a soil map for your farm, please provide a yield estimate for your field as follows: average the *three* highest yields achieved over the last *five* crop years the particular crop was grown in the field (i.e., exclude the two lowest crop yields before calculating the average).

Reviewed by Steve Heckendorn, laboratory manager, Crop and Soil Environmental Sciences