



Soil Sample Information Sheet for Commercial Crop Production

Please write legibly or download form and type information before printing. (Form expires July 2026)

Use another form for home gardens, lawns, golf courses, etc. Follow sampling instructions on box. Processing will be delayed if soil is not received in the lab's sample container. Each sample must have its own form. For more information, go to www.soiltest.vt.edu or contact your local Virginia Cooperative Extension office.

Your Name: _____ Phone: _____ E-mail (results sent by email only*): _____ Adding soiltestlab@vt.edu to your email contact list may help ensure delivery. Also check spam folder. Mailing Address (results not mailed): _____ City: _____ ZIP Code: _____ County Where Soil is Located (required): _____ Copy Report To (Consultant, etc.): _____ Their E-mail: _____	Date sampled: _____ MM/DD/YY <hr/> Office Use only Extension Unit Code: <div style="border: 1px solid black; width: 80px; height: 60px; margin: 0 auto;"></div>
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SAMPLE ID - must match the ID you put on box of soil. Your optional Field ID helps you match each report to the correct sample.

Sample ID <small>use letters or numbers</small>		Track & Field ID <small>use letters or numbers</small>	
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CROP INFORMATION - a crop code number is required to provide recommendations. Only one crop may be entered for each sample.

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 <small>Bu/A, T/A, etc.</small>

SOIL INFORMATION - optional, but provides better recommendations. More information can be found on the reverse side of this form.

Last Lime Application		Check <input checked="" type="checkbox"/> if	Prominent Soils in Field <small>(see back)</small>	Your Yield Estimate		<small>* SMUs can be obtained from a County Soil Survey or NRCS Conservation plan. ** 1 Animal Unit = one 1000lb cow w/ calf, two 500lb steers, or five ewes w/ lambs.</small>																											
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">Months Previous</th> <th style="width:50%;">Rate Ton/Acre</th> </tr> <tr> <td><input type="radio"/> Unknown</td> <td><input type="radio"/> 0</td> </tr> <tr> <td><input type="radio"/> 0-6</td> <td><input type="radio"/> 0.1-1.0</td> </tr> <tr> <td><input type="radio"/> 7-12</td> <td><input type="radio"/> 1.1-2.0</td> </tr> <tr> <td><input type="radio"/> 13-18</td> <td><input type="radio"/> 2.1-3.0</td> </tr> <tr> <td><input type="radio"/> 19+</td> <td><input type="radio"/> 3.1+</td> </tr> </table>	Months Previous	Rate Ton/Acre	<input type="radio"/> Unknown	<input type="radio"/> 0	<input type="radio"/> 0-6	<input type="radio"/> 0.1-1.0	<input type="radio"/> 7-12	<input type="radio"/> 1.1-2.0	<input type="radio"/> 13-18	<input type="radio"/> 2.1-3.0	<input type="radio"/> 19+	<input type="radio"/> 3.1+	<input type="checkbox"/> Field has artificial drainage <input type="checkbox"/> Soil is a Histosol <input type="checkbox"/> Manure will be applied	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">Soil Map Unit Symbol for:*</th> <th style="width:50%;">Percent (%) of Field</th> </tr> <tr> <td>Largest area _____</td> <td>_____</td> </tr> <tr> <td>2nd Largest area _____</td> <td>_____</td> </tr> <tr> <td>3rd Largest area _____</td> <td>_____</td> </tr> </table>	Soil Map Unit Symbol for:*	Percent (%) of Field	Largest area _____	_____	2 nd Largest area _____	_____	3 rd Largest area _____	_____	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">(For crop to be grown)</th> <th style="width:50%;">Select Units</th> </tr> <tr> <td> </td> <td><input type="checkbox"/> Ton/Acre</td> </tr> <tr> <td> </td> <td><input type="checkbox"/> Bushel/Acre</td> </tr> <tr> <td> </td> <td><input type="checkbox"/> Acre/AU**</td> </tr> </table>	(For crop to be grown)	Select Units		<input type="checkbox"/> Ton/Acre		<input type="checkbox"/> Bushel/Acre		<input type="checkbox"/> Acre/AU**		
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SOIL TEST DESIRED AND FEES

	In-State cost per sample	Out-of-State cost per sample
<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 – Determines percentage in soil - no recommendation given	\$4.00	\$6.00
<input type="checkbox"/> Soluble Salts – Determines if fertilizer salts are too high	\$2.00	\$3.00

Method of payment: Check Enclosed Bill my Business Tax ID# required for billing _____

Make check or money order payable to **“Treasurer, Virginia Tech”**. Do not send cash by mail. Please send this form, along with payment, together with corresponding samples in the same sturdy shipping container to: Virginia Tech Soil Testing Lab, 145 Smyth Hall (MC 0465), 185 Ag Quad Ln, Blacksburg VA 24061.

CROP CODES *(Select one and insert number 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

Field Grown Specialty Crops

Cut Flowers	151
Hemp – Fiber	171
Hemp – Seed	172
Hemp – Flower	173
Hops	175

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, Bare Ground	71
Tomatoes - Fresh Market, Polyethylene Mulched	76
Tomatoes – Process, Multiple Harvests	72
Tomatoes – Process, Single Harvest	73
Watermelons	74

Commercial Turf Production

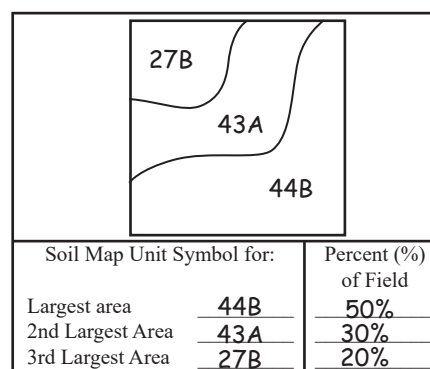
Sod Production:	
Kentucky Bluegrass, Fescue	90
Bermuda, Zoysia	91

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 unable to provide Soil Map Units, 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, School of Plant and Environmental Sciences