



## Soil Sample Information Sheet for Surface-Mined Areas

Please Type or Write Legibly (Form expires July 2021)

Use other forms for non-surfaced-mined areas. See other side for sampling instructions. Processing will be delayed if soil is not received in the lab's sample container. For recommendations, be sure to fill in a crop code number. Each sample must have its own form. For more information, go to [www.soiltest.vt.edu](http://www.soiltest.vt.edu) or contact your local Virginia Cooperative Extension office.

Your Name: _____ Phone: _____ E-mail To Send Report To: _____ 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: 80px; height: 40px; margin: 0 auto;"></div>	

<b>Your Sample Box ID</b> <small>use letters or numbers</small>	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	<b>Sample Track &amp; Field ID</b> <small>use letters or numbers</small>	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>
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### 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 style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	_____	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	_____	_____

### SOIL INFORMATION

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

### 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 – 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 *or*  Bill my Business Tax ID # required for billing \_\_\_\_\_

Make check or money order payable to "Treasurer, Virginia Tech". 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**

- 401 Corn (Grain), No Till
- 402 Corn (Grain), Conventional
- 403 Corn (Silage), No Till
- 404 Corn (Silage), Conventional
- 405 Grain Sorghum
- 406 Wheat
- 407 Barley
- 408 Oats
- 409 Rye (Grain or Silage Only)
- 410 Soybeans
- 411 Small Grain-Soybean  
Double-Crop Rotation
- 412 Small Grain-Grain Sorghum  
Double-Crop Rotation

### **Grasses & Legumes - Establishment (Seeding)**

- 420 Erosion Control Mixtures
- 421 Hay & Pasture Mixtures
- 422 Critical Area Mixtures
- 423 Temporary Cover Mixtures

### **Forage Production - Maintenance**

- 437 Alfalfa, Alfalfa- Grass Hay
- 438 Red Clover - Grass Hay
- 440 Tall Grass-Clover Pasture
- 444 Tall Grass - Hay
- 445 Stockpiled Tall Fescue

### **Commercial Vegetable Crops**

- 457 Cucumbers
- 458 Muskmelons
- 462 Peppers
- 463 Potatoes, White
- 464 Potatoes, Sweet
- 465 Pumpkins
- 467 Squash
- 469 Sweet Corn - Fresh Market
- 471 Tomatoes - Fresh Market, Bare  
Ground

### **Other Crops**

- 488 Industrial Lawns
- 495 Apples
- 496 Peaches
- 497 Strawberries

## **Collecting Soil Samples**

Soil samples, improperly taken, often are misleading and can lead to poor germination, seedling growth, and vegetative cover. A sample weighs about one-half pound. A careful job of collecting samples must be done in order for such a small sample to adequately represent several acres of soil. To obtain a representative sample, it is necessary to collect (in a clean plastic bucket) 15 to 20 subsamples of about the same quantity. Depth of sampling should be 4 to 6 inches. A small pick and/or mattox is the best tool for collecting soil samples. The area represented by one sample should not be more than about 5 acres, depending upon uniformity of the soil. In sampling soil, collect subsamples that are more or less uniform in color, rock material, and amount of soil. If you think a certain area will be difficult to revegetate, sample it separately from those adjacent to it. Soil slopes should be sampled separately from bench areas.

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

[www.ext.vt.edu](http://www.ext.vt.edu)

Produced by Communications and Marketing, College of Agriculture and Life Sciences, Virginia Tech, 2017

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VT/0517/CSES-189NP