



Soil Sample Information Sheet for Surface-Mined Areas

Please Print (Form expires July 2018)

INSTRUCTIONS: See other side for sampling instructions. For a recommendation, be sure to fill in the crop code number. Place check marks (✓) where appropriate. Use other forms for non-surfaced-mined areas. Send samples, forms, and any payment to Virginia Tech Soil Testing Lab, 145 Smyth Hall (0465), Blacksburg, VA 24061, in a sturdy shipping carton. 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 <hr/> Office Use only Extension Unit Code: <div style="border: 1px solid black; width: 80px; height: 50px; margin: 0 auto;"></div>
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Your Sample Box ID <small>use letters or numbers</small>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Sample Track & Field ID <small>use letters or numbers</small>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input 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 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	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:*	Percent (%) of Field	(For crop to be grown) Select Units
<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+		Largest area _____ 2 nd Largest Area _____ 3 rd Largest Area _____	_____ _____ _____	<input type="checkbox"/> Tons/Acre <input type="checkbox"/> Bushels/Acre <input type="checkbox"/> Acres/AU*
<small>*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.</small>			or	<small>*Animal Unit = one 1,000 lb cow w/calf or two 500 lb steers, or five ewes w/lambs.</small>	

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
	\$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.”**

CROP CODES *(Insert crop number & name 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

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