Virginia Tech
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

Virginia Cooperative Extension

VIRGINIA STATE UNIVERSITY

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Virginia Tech Soil Testing Laboratory

Soil Sample Information Sheet for Commercial Crop Production

PUBLICATION 452-124

Please Print

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 payment to Virginia Tech Soil Testing Lab, 145 Smyth Hall (0465), Blacksburg, VA 24061, in a sturdy shipping carton. For large shipments, total box weight must be less than 70 pounds.

Your Name _____

Street, Route _____

_____

City _____ Zip (required) _____

Telephone No. _____ County _____

e-mail address _____

Extra Copy For: (Dealer, etc.) _____

Street, Route _____

City _____ Zip (required) _____

Date: _____

Extension Unit Code: ☐☐

Sample ID ☐☐☐☐☐
use letters or numbers

Field ID ☐☐☐☐☐☐☐☐☐☐
use letters or numbers

CROP INFORMATION

Crop to be Grown		Last Crop		
Code *(see back)*	Name	Code	Name	Yield bu/a, etc.
☐☐☐		☐☐☐		

SOIL INFORMATION

Last Lime Application		Type	Prominent Soils in Field (see back)		
Months Previous	Rate Ton/Acre	Soil Texture	Soil Map Unit Symbol for:*	Percent (%) of Field	*or* Your Yield Estimate (If map not available)
☐--- ☐0 - 6 ☐7 - 12 ☐13 - 18 ☐>18	☐0 ☐1 ☐2 ☐3 ☐>3	☐ Sandy ☐ Loamy ☐ Clayey ☐ Organic	Largest area _____ 2nd Largest Area _____ 3rd Largest Area _____	_____ _____ _____	*or*
			* 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.		☐ Check (✔) if Field is drained. County _____

SOIL TEST DESIRED

	COST PER SAMPLE IN-STATE	COST PER SAMPLE OUT-OF-STATE
☐ Routine (soil pH, P, K, Ca, Mg, Zn, Mn, Cu, Fe and B)	No-Charge	$10.50
☐ Organic Matter	$ 3.00	$ 4.50
☐ Soluble Salts	$ 3.00	$ 4.50
☐ Fax Results: FAX # (_____) _____	$ 1.00	$ 1.50

Method of Payment: ☐ Check Enclosed *or* ☐ Bill my Business FIN or SS# required for billing _____

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

LD
5603
.A162
no. 452
124
c.2

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

Field Crops

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

Forage Crops-Establishment

30. Alfalfa, Alfalfa-Grass
31. Tall Grass, (Orchardgrass/Fescue) Clover (Red/Ladino), Tall Grass
34. Bermudagrass
35. Sorghum- Sudan, Millet, Sudan
36. Small Grains With Winter Annual Legumes For Hay or Grazing

Forage Crops-Maintenance

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

Commercial Vegetable Crops

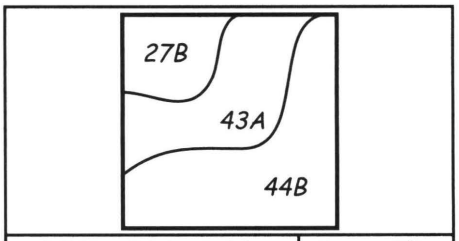
50. Asparagus - Nonhybrid Strains
51. Asparagus - New Hybrids
52. Beans, Lima
53. Beans, Snap
54. Broccoli, Cauliflower
55. Cabbage
56. Brussels Sprouts, Collards
57. Cucumbers
58. Muskmelons
59. Onions, Bulbs
60. Onions, Scallions
61. Peas
62. Peppers
63. Potatoes, White
64. Potatoes, Sweet
65. Pumpkins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

Commercial Turf Production

90. Sod Production - Ky Bluegrass, Fescue
91. Sod Production- Bermuda, Zoysia

Commercial Forest Tree & Fruit Crops

94. Grapes
95. Apples
96. Peaches
97. Strawberries
98. Blueberries
99. Blackberries, Raspberries
105. Hardwood Establishment
106. Hardwood Maintenance
107.Hardwood Nursery, Black Walnut
109. Pine Establishment
110. Pine Maintenance
111. Pine Nursery
113. Christmas Trees - Frazer Fir, Norway Spruce, Hemlock
114. Christmas Trees - White Pine, Virginia Pine, Scotch Pine
115. Christmas Trees - Blue Spruce, Red Cedar
116. Christmas Trees - Nursery



Soil Map Unit Symbol for:		Percent (%) of Field
Largest area	44B	50%
2nd Largest Area	43A	30%
3rd largest Area	27B	20%

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 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, 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).

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