

Virginia Cooperative Extension

Soil Test Report

Danville City Office
 128 Third Avenue
 Danville, VA 24540-2710
 434-799-6558

Virginia Tech Soil Testing Laboratory
 145 Smyth Hall (0465)
 Blacksburg, VA 24061
 www.soiltest.vt.edu

SEE ENCLOSED NOTES:
1 17

O W N E R	CROPP KATHY 162 COLLEGE AVE DANVILLE, VA 24541	C F O O P R Y
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SAMPLE HISTORY

Sample ID	Field ID	LAST CROP		LAST LIME APPLICATION		SOIL INFORMATION				
		Name	Yield	Months Prev.	Tons/Acre	SMU-1 %	SMU-2 %	SMU-3 %	Yield Estimate	Productivity Group
LBYAR				18+						

LAB TEST RESULTS (see Note 1)

Analysis	P (lb/A)	K (lb/A)	Ca (lb/A)	Mg (lb/A)	Zn (ppm)	Mn (ppm)	Cu (ppm)	Fe (ppm)	B (ppm)	S.Salts (ppm)
Result	254	249	2307	227	26.7	3.7	1.3	14.5	0.6	
Rating	VH	H	VH	VH	SUFF	SUFF	SUFF	SUFF	SUFF	

Analysis	Soil pH	Buffer Index	Est.-CEC (meq/100g)	Acidity (%)	Base Sat. (%)	Ca Sat. (%)	Mg Sat. (%)	K Sat. (%)	Organic Matter (%)
Result	5.8	6.18	8.3	15.7	84.3	69.2	11.2	3.8	

FERTILIZER AND LIMESTONE RECOMMENDATIONS

Crop: NEW LAWN ESTAB. - BLUEGRASS, FESCUE (201)

611. LIME RECOMMENDATIONS: Apply 60 pounds of agricultural limestone (ground or pulverized) per 1000 square feet. Disk or rototill 6" deep into the soil. If it is not possible to incorporate the lime, make several small applications of up to 50 lbs each, at intervals of 1 to 6 months, until the full amount is applied.

990. We are trying to improve our service. PLEASE take a moment to complete our brief, anonymous customer survey at tinyurl.com/soiltestsurvey

204. FERTILIZER RECOMMENDATIONS: Apply a nitrogen-only fertilizer (examples of grades to use are 31-0-0, 33.5-0-0, 46-0-0, etc.) using the rate listed in the "1.0" lb. nitrogen column in Table 2 in the enclosed Note on lawn fertilization. Be sure to incorporate the fertilizer into the soil (along with lime, if needed) to a depth of 4 to 6 inches. After the turf has been established (6 to 8 weeks) follow one of the maintenance fertilization programs described in the Note.

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FRTYD										

LAB TEST RESULTS (see Note 1)

Analysis	P (lb/A)	K (lb/A)	Ca (lb/A)	Mg (lb/A)	Zn (ppm)	Mn (ppm)	Cu (ppm)	Fe (ppm)	B (ppm)	S.Salts (ppm)
Result	81.1	78	3046	291	31.4	5.4	5.8	13.8	0.3	
Rating	VH	M-	VH	VH	SUFF	SUFF	SUFF	SUFF	SUFF	

Analysis	Soil pH	Buffer Index	Est.-CEC (meq/100g)	Acidity (%)	Base Sat. (%)	Ca Sat. (%)	Mg Sat. (%)	K Sat. (%)	Organic Matter (%)
Result	5.7	6.16	10.3	13.8	86.2	73.6	11.6	1.0	

FERTILIZER AND LIMESTONE RECOMMENDATIONS

Crop: NEW LAWN ESTAB. - BLUEGRASS, FESCUE (201)

611. LIME RECOMMENDATIONS: Apply 70 pounds of agricultural limestone (ground or pulverized) per 1000 square feet. Disk or rototill 6" deep into the soil. If it is not possible to incorporate the lime, make several small applications of up to 50 lbs each, at intervals of 1 to 6 months, until the full amount is applied.

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203. FERTILIZER RECOMMENDATIONS: Apply 5 lbs. of 0-0-50 or 4 LBS. of 0-0-60 per 1000 sq. ft. to correct a shortage of potash in the soil. Also apply a nitrogen-only fertilizer (examples of grades to use are 31-0-0, 33.5-0-0, 38-0-0, 46-0-0, etc.) using the rate listed in the "1.0" lb. nitrogen column in Table 2 in the enclosed Note on lawn fertilization. Be sure to incorporate the fertilizer into the soil (along with lime, if needed) to a depth of 4 to 6 inches. After the turf has been established (6 to 8 weeks) follow one of the maintenance fertilization programs described in the Note. **OPTIONAL PROGRAM:** If the above fertilizer materials cannot be found, they can all be replaced by using a complete fertilizer with a 2-1-2 ratio (examples of grades to use are 14-7-14, etc.) using the rate listed in the "1.0" lb. nitrogen column in Table 2 in the enclosed Note on lawn fertilization. **NOTE -** this optional program, while meeting the turf's nutrient needs, provides extra phosphate which is not necessary for optimum growth.

