



SOIL TEST REPORT FOR:				ADDITIONAL COPY TO:		
JEREMY FREYMOYER FREYMOYER TREE FARM 1241 DAUPHIN AVE WYOMISSING PA 19610						
DATE	LAB #	SERIAL #	COUNTY	ACRES	FIELD ID	SOIL
07/07/2008	S08-00285	8944	Berks		South Field	

SOIL NUTRIENT LEVELS	Below Optimum	Optimum	Above Optimum
Soil pH			
Phosphate (P ₂ O ₅)			
Potash (K ₂ O)			
Magnesium (MgO)			
Calcium(CaO)			

RECOMMENDATIONS FOR: X-mas, Maint, pH 6.0

Limestone, Calcium And Magnesium Recommendations

Apply the following quantities of limestone, epsom salts and/or gypsum to the soil to correct soil pH, calcium and magnesium levels.

Calclitic Limestone: 9 lb/100 square feet
(0-3 % Mg)

Magnesium: NONE

Gypsum (CaSO₄): NONE

RECEIVED

FEB 23 2009

GRANT & CONTRACT
ACCOUNTING

Nitrogen, Phosphate And Potash Recommendations

Apply 3.5 lbs per 100 square feet of 5-10-5 and 0.5 lbs per 100 square feet of 0-46-0.

MESSAGES

The above lime and fertilizer recommendations are for this soil sample and this season only. Nitrogen, phosphate and potash recommendations are for fertilizers containing specific ratios of nitrogen (N), phosphate (P₂O₅) and potash (K₂O). As an example 5-10-10 contains 5 % N, 10 % P₂O₅, and 10 % K₂O. If fertilizers with the ratio(s) shown are not available, contact your local garden center or fertilizer supplier for the appropriate substitution.

LABORATORY RESULTS:										Optional Tests:			
pH	P lb/A	Exchangeable Cations (meq/100g)						% Saturation of the CEC			Organic Matter %	Nitrate-N ppm	Soluble salts mmhos/cm
		³ Acidity	² K	² Mg	² Ca	⁴ CEC	K	Mg	Ca				
5.5	60	6.9	0.4	1.0	5.0	13.3	2.8	7.8	37.4	4.5			

Test Methods: ¹1:1 soil:water pH, ²Mehlich 3 (ICP), ³Mehlich Buffer pH, ⁴Summation of Cations

Freymoyer

Upper Bern/Tilden Townships



250 0 250 500 Feet

A scale bar with markings at 250, 0, 250, and 500 feet.