From:
Butler Co Extension Service
113 E G L Smith Street
Morgantown, KY 42261

UK COOPERATIVE EXTENSION SERVICE
University of Kentucky – College of Agriculture

Soil Test Report

Lexington 859-257-2785
Princeton 270-365-7541
www.rs.uky.edu/soils

COUNTY SAMPLE NO.: 0005

REPORT FORM: A

To:
Fortwright, Patrick
3601 Glenview Rd
Morgantown, KY 42261

Greg Drake, II (270)-526-3767
County Extension Agent for Ag

Date	Owner Sample ID	Owner ID	County Code	UK Lab NO.
5/17/2005	Clyde Btm	1	31	60092

Nutrient	Lab Results	Level of Adequacy (Very Low / Low / Medium / High / Very High)
Phosphorus (P)	39	>>>>>>>>>>>>>>>>>>>>>>>>>>
Potassium (K)	169	>>>>>>>>>>>>>>>>
Soil pH	6.4	
Buffer pH	6.9	
Calcium (Ca)	2271	
Magnesium (Mg)	161	>>>
Zinc (Zn)	2.2	
Other Test		

Calculated CEC Data	
CEC (meg/100g):	9
%Base Sat.:	64
%K:	2
%Ca:	55
%Mg:	7
%H:	36

Crop to be Grown	Management System	Irrigation System	Site Drainage	Previous Crop Grown	Previous Crop Management
Alfalfa/Grass	Alfalfa/Grass		Pasture		Annual Top Dressing

RECOMMENDATIONS:	N	P2O5	K2O	LIME	Mg	Zn
	None	50 lb./ac	300 lb./ac	1 Ton/acre	None	None

Bill Feed Mill

COMMENTS:

Mehlich III was used to determine P, K, Ca, Mg, and Zn (lbs/acre). SMP buffer was used to determine Buffer pH. The chance for a crop response to fertilizer at Very Low or Low level of adequacy is highly probable; at Medium there is a slight chance for a response. At either High or Very High levels of adequacy, a response is not likely to occur.

For alfalfa production, apply 1.5 - 2.0 lb of elemental boron (B) per acre every two years. If fertilizer B or B-containing materials such as solid waste from coal fired power plants has been routinely applied in successive years to established stands of alfalfa, a soil test for B should be run. If hot water extractable levels of B exceed 2 lb/acre, B should not be applied.

Topdress nitrogen applications are not recommended for legume and grass-legume mixtures.

For alfalfa yields above 5 T/acre and red clover yields above 3 T/acre, fields should be sampled every year.

Topdress N is not recommended for stands with more than 25% legume. Suggested dates for topdressing with N are Feb. 15 - March 15 up to 100 lbs. N/acre; May 1-15 up to 50 lbs. N/acre; Aug. 1-15 up to 80 lbs. N/acre.

For long-term production of alfalfa and alfalfa grass the pH should be about 6.5 - 7.0.

For additional information, ask your local Extension Office for the publicatons, AGR-64 "Establishing Forage Crops"; AGR-76 "Alfalfa, The Queen of Forage Crops"; and AGR-90 "Inoculation of Forage Legumes".

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