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

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: C

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)	Calculated CEC Data	
Phosphorus (P)	39	>>>>>>>>>>>>>>>>>>>>>>>>>>		
Potassium (K)	169	>>>>>>>>>>>>>>>>	CEC (meg/100g):	9
Soil pH	6.4		%Base Sat.:	64
Buffer pH	6.9		%K:	2
Calcium (Ca)	2271		%Ca:	55
Magnesium (Mg)	161	>>>	%Mg:	7
Zinc (Zn)	2.2		%H:	36
Other Test				

Crop to be Grown	Management System	Irrigation System	Site Drainage	Previous Crop Grown	Previous Crop Management
Corn, Sweet		Irrigated	Moderately Well Drained		

RECOMMENDATIONS:	N	P2O5	K2O	LIME	Mg	Zn
	80 to 100 lbs/ac	61 to 120 lbs/ac	151 to 200 lbs/ac	0.5 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.

On sod ground, at least half of the fertilizer should be broadcast and plowed down. The remaining fertilizer can be applied broadcast just before planting and disked in. If banding equipment is available, fertilizer may be banded 2 to 3 inches to the side of the seed and 2 to 3 inches deeper than the seed. The amount of fertilizer banded should not exceed 45 pounds per acre of N plus K2O. Sidedress with 50 pounds of actual N when plants are knee high.

Sweet corn is moderately tolerant of a pH range between 5.5 - 6.8. Lime should be applied to soils to bring the pH to 6.5 for best results.

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