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	To: Fortwright, Patrick 3601 Glenview Rd Morgantown, KY 42261	
REPORT FORM: H		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
Vegetable Garden	Plant Maintenance				Mostly Sunny Location

RECOMMENDATIONS:	N	P2O5	K2O	LIME	Mg	Zn
	2 to 3 lbs./1000 sq.ft.	1 to 2 lbs/1000 sq ft	3 to 5 lbs/1000 sq ft	None	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 continuously cropped garden area where little or no organic matter has been added, apply 2 pounds actual N per 1000 square feet before planting. Following heavy grass sod, apply 3 pounds of actual N per 1000 square feet before planting. Where heavy application of barnyard manure or compost have been added, apply no nitrogen.

If soil pH is 7 or above, adding 4 to 12 pounds of powdered sulfur per 1000 sq ft is recommended to reduce soil pH to 6.5.

The recommended nitrogen(N), phosphate (P2O5), and /or potash (K2O) can be obtained by applying one of following:
SAMPLES OF PREMIXED FERTILIZERS FOR HOME LAWNS AND GARDENS (USE PER 1000 SQ. FT.)

Fertilizer Analysis N - P2O5 - K2O	lbs to apply	lbs actual nutrient. N	P2O5	K2O	Fertilizer Analysis N - P2O5 - K2O	lbs to apply	lbs actual nutrient. =20 N	P2O5	K2O
34 - 0 - 0	6	2	0	0	15 - 15 - 15	14	2	2	2
10 - 10 - 10	20	2	2	2	46 - 0 - 0	4	2	0	0
5 - 10 - 15	40	2	4	6	12 - 12 - 12	16	2	2	2
19 - 19 - 19	10	2	2	2	15 - 30 - 15	14	2	4	2
28 - 3 - 3	8	2	0.2	0.2	5 - 20 - 20	40	2	8	8

*If more P2O5 and/or K2O is needed than is supplied by one application, this fertilizer could be reapplied in the next application.

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