



SOIL ANALYSIS

Client : USA FARMS 123 ANY STREET ANYTOWN TN 38000	Grower : 12345 JOHN DOE Farm Id: FARM125 Field Id: BACK 40 Date Received : 11/16/2000	Report No: 00-600-0505 Cust No: 99999 Date Printed: 11/17/2000 Page : 1 of 1 A&L Agronomist Richard Large
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Lab Number : 98999

Sample Id : SAMPLE 1

Signature : *Richard Large*

Test	Results	SOIL TEST RATINGS					Calculated Cation Exchange Capacity
		Very Low	Low	Medium	Optimum	Very High	
Soil pH	6.4						11.8 meq/100g
Buffer pH	7.81						
Phosphorus (P)	62 LB/ACRE						Calculated Cation Saturation %K 4.7 %Ca 77.8 %Mg 3.7 %H 12.9 %Na 0.8
Potassium (K)	434 LB/ACRE						
Calcium (Ca)	3672 LB/ACRE						
Magnesium (Mg)	104 LB/ACRE						
Sulphur (S)	8 LB/ACRE						
Boron (B)	2.4 LB/ACRE						
Copper (Cu)	2.8 LB/ACRE						
Iron (Fe)	592 LB/ACRE						
Manganese (Mn)	368 LB/ACRE						
Zinc (Zn)	3.6 LB/ACRE						
Sodium (Na)	46 LB/ACRE						
Soluble Salts							
Organic Matter	2.4 % ENR 92						
NO3-N							

SOIL FERTILITY GUIDELINES

Crop : CORN

Yield Goal : 150 BU

Rec Units: LB/ACRE

LIME	N	P2O5	K2O	Mg	S	B	Cu	Mn	Zn
0	183	68	40	15	15	0	0	0	2.7

Crop : COOL GRASS PASTURE

Yield Goal : 3 TONS

Rec Units: LB/ACRE

LIME	N	P2O5	K2O	Mg	S	B	Cu	Mn	Zn
0	120	58	40	15	15	0	0	0	0

Comments :

CORN

- Greater N efficiency for corn may be achieved by splitting the N application. Apply 1/4 to 1/3 of the N prior to or at planting and the remainder as sidedress when corn is 8-24 inches high.
- For early planted corn or no till corn, apply a starter fertilizer at least 2 inches from the seed at a rate of 10-20 lbs N/Acre and 30-60 lbs P2O5/Acre.

COOL GRASS PASTURE

- On light soils with high grass hay yields, soil test annually to maintain soil pH and nutrient level.
- For soils low in sulphur, apply 20-40 lbs of sulphur as a sulfate in the spring with the nitrogen.
- For grass hay or pasture needing high rates split the P and K application. Apply 1/2 in the spring and 1/2 in late summer.
- For cool season grass topdress with nitrogen:

May 1-15	0 to 50 lbs N/Acre.	Feb 15 - March 15	60 to 100 lbs N/Acre.
		Aug 1 - Sept 15	60 to 80 lbs N/Acre.