

Sample Location			A	B	C		
Sample ID							
Lab Number			51	52	53		
Sample Depth in inches			6	6	6		
Total Exchange Capacity (M. E.)			19.18	18.28	26.29		
pH of Soil Sample			6.3	6.4	5.9		
Organic Matter, Percent			27.11	41.85	20.29		
ANIONS	SULFUR:	p.p.m.	106	155	262		
	Mehlich III Phosphorous:	as (P <sub>2</sub> O <sub>5</sub> ) lbs / acre	861	779	1034		
EXCHANGEABLE CATIONS	CALCIUM:	Desired Value	5216	4970	7151		
		lbs / acre					
		Value Found	5178	5024	6060		
		Deficit	-38		-1091		
	MAGNESIUM:	Desired Value	552	526	757		
		lbs / acre					
		Value Found	517	551	723		
		Deficit	-35		-34		
	POTASSIUM:	Desired Value	598	570	820		
		lbs / acre					
		Value Found	539	430	943		
		Deficit	-59	-140			
	SODIUM:	lbs / acre	182	143	330		
BASE SATURATION %	Calcium (60 to 70%)		67.50	68.73	57.62		
	Magnesium (10 to 20%)		11.23	12.56	11.46		
	Potassium (2 to 5%)		3.60	3.02	4.60		
	Sodium (.5 to 3%)		2.06	1.71	2.73		
	Other Bases (Variable)		5.10	5.00	5.60		
	Exchangable Hydrogen (10 to 15%)		10.50	9.00	18.00		
TRACE ELEMENTS	Boron (p.p.m.)		2.63	0.92	2.42		
	Iron (p.p.m.)		129	110	139		
	Manganese (p.p.m.)		25	21	39		
	Copper (p.p.m.)		12.92	12.43	15.83		
	Zinc (p.p.m.)		19.56	18.05	24.13		
	Aluminum (p.p.m.)		127	85	133		
OTHER	NH4-N (p.p.m.)		0.6	0.5	1.3		
	N03-N (p.p.m.)		123.1	96	111.5		