

SOUTHEAST DISTRICT
Average Soil Test Levels According to Crop
July 1, 2003 - June 30, 2004

Category	pH	Phosphorus	Potassium	Calcium	Magnesium	Zinc	Manganese	Boron
Tobacco (Average Pebble Soil)	6.0	100.6	112.0	575.6	75.4	5.4	9.1	—
Tobacco (Low Moisture and Sandy Soils)	6.0	115.7	120.8	613.1	79.8	7.3	9.9	—
Tobacco Plant Bed	5.5	310.8	91.3	579.5	55.6	14.0	16.0	—
Average	6.0	110.0	115.9	593.0	77.2	6.4	9.5	—

SOUTHEAST DISTRICT
Number of Samples According to Crop and Soil Acidity (pH)
July 1, 2003 - June 30, 2004

Category	Acidity (pH)									Total	Percent
	Below 4.5	4.5- 4.9	5.0- 5.4	5.5- 5.7	5.8- 5.9	6.0- 6.4	6.5- 6.9	7.0- 7.4	Above 7.4		
Tobacco (Average Pebble Soil)	—	—	7/08	22/24	15/17	32/36	13/14	1/01	—	90	52.6
Tobacco (Low Moisture and Sandy Soils)	—	—	10/13	14/18	13/16	34/43	5/06	2/03	1/01	79	46.2
Tobacco Plant Bed	—	—	1/50	1/50	—	—	—	—	—	2	1.2
Total	—	—	18	37	28	66	18	3	1	171	
Percent	—	—	10.5	21.6	16.4	38.6	10.5	1.8	0.6		

** Denotes 100%

SOUTHEAST DISTRICT
Samples Rated by P, K, Ca, and Mg Levels
July 1, 2003 - June 30, 2004

Category	Phosphorus				Potassium				Calcium		Magnesium			Total
	Low	Med	High	VHi	Low	Med	High	VHi	Low	Adeq	Low	Med	High	
Tobacco (Average Pebble Soil)	7/08	15/17	36/40	32/36	6/07	74/82	8/09	2/02	4/04	86/96	3/03	27/30	60/67	90
Tobacco (Low Moisture and Sandy Soils)	3/04	15/19	23/29	38/48	3/04	57/72	19/24	—	4/05	75/95	5/06	25/32	49/62	79
Tobacco Plant Bed	—	—	—	2/**	—	2/**	—	—	—	2/**	1/50	1/50	—	2
Total	10	30	59	72	9	133	27	2	8	163	9	53	109	171
Percent	5.8	17.5	34.5	42.1	5.3	77.8	15.8	1.2	4.7	95.3	5.3	31.0	63.7	

** Denotes 100%

SOUTHWEST DISTRICT
Average Soil Test Levels According to Crop
July 1, 2003 - June 30, 2004

Category	pH	Phosphorus	Potassium	Calcium	Magnesium	Zinc	Manganese	Boron
Tobacco (Average Pebble Soil)	6.2	78.2	135.9	592.1	90.5	3.2	8.6	—
Tobacco (Low Moisture and Sandy Soils)	5.8	67.7	118.3	559.9	57.2	4.2	9.0	—
Tobacco Plant Bed	6.6	119.9	86.8	2075.0	233.5	85.1	12.3	—
Average	6.1	74.9	128.8	599.6	80.2	4.6	8.8	—

SOUTHWEST DISTRICT
Number of Samples According to Crop and Soil Acidity (pH)
July 1, 2003 - June 30, 2004

Category	Acidity (pH)									Total	Percent
	Below 4.5	4.5- 4.9	5.0- 5.4	5.5- 5.7	5.8- 5.9	6.0- 6.4	6.5- 6.9	7.0- 7.4	Above 7.4		
Tobacco (Average Pebble Soil)	—	—	2/04	5/10	8/17	22/46	6/12	5/10	—	48	62.3
Tobacco (Low Moisture and Sandy Soils)	—	1/04	2/07	9/32	5/18	9/32	2/07	—	—	28	36.4
Tobacco Plant Bed	—	—	—	—	—	—	1/**	—	—	1	1.3
Total	—	1	4	14	13	31	9	5	—	77	
Percent	—	1.3	5.2	18.2	16.9	40.3	11.7	6.5	—		

** Denotes 100%

SOUTHWEST DISTRICT
Samples Rated by P, K, Ca, and Mg Levels
July 1, 2003 - June 30, 2004

Category	Phosphorus				Potassium				Calcium		Magnesium			Total
	Low	Med	High	VHi	Low	Med	High	VHi	Low	Adeq	Low	Med	High	
Tobacco (Average Pebble Soil)	2/04	15/31	24/50	7/15	—	31/65	17/35	—	—	48/**	1/02	12/25	35/73	48
Tobacco (Low Moisture and Sandy Soils)	1/04	8/29	16/57	3/11	1/04	22/79	4/14	1/04	1/04	27/96	5/18	13/46	10/36	28
Tobacco Plant Bed	—	—	—	1/**	—	1/**	—	—	—	1/**	—	—	1/**	1
Total	3	23	40	11	1	54	21	1	1	76	6	25	46	77
Percent	3.9	29.9	51.9	14.3	1.3	70.1	27.3	1.3	1.3	98.7	7.8	32.5	59.7	

** Denotes 100%