

Woodbridge

Table 1. Soil textures measured at the Woodbridge site.

Core	Gravel	Very			Very			Total Sand	Total Silt	Total Clay	Textural Class
		Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Fine Sand	Total Sand				
520*	0	0.3	0.6	2.9	34.1	35.3	73.2	16.9	9.9	Very Fine Sandy Loam	
521s	0	0.1	0.5	1.9	30	34.6	67	19.4	13.6	Very Fine Sandy Loam	
521d	0	0.5	0.3	0.8	23.1	37.8	62.6	20.4	17.1	Very Fine Sandy Loam	
522	0	0.3	0.4	3	35.2	31	69.9	18.7	11.4	Fine Sandy Loam	
523s	0	0.1	0.6	6.7	50.4	24.1	81.9	12.9	5.2	Loamy Fine Sand	
523d	0	0	0.5	7.2	53.9	21.6	83.2	12.4	4.4	Loamy Fine Sand	
524	0	0.1	0.6	8	55	22.1	85.8	9.4	4.9	Loamy Fine Sand	
525s	0	0.1	0.7	5.5	45.8	27.6	79.7	13	7.3	Loamy Fine Sand	
525d	0	0.1	0.6	4.6	38.8	27.9	72	14	14	Fine Sandy Loam	
526	0	0	0.6	6.3	49.4	26.3	82.7	11.3	6	Loamy Fine Sand	
527s	0	0	0.6	4.6	43.7	30.3	79.3	14.2	6.5	Loamy Fine Sand	
527d	0	0.1	0.3	0.8	29.3	35.5	66	15.2	18.8	Very Fine Sandy Loam	

* Numbers followed by an “s”, or no letter, are from the 0-15 cm depth. Numbers followed by a “d” are from the 25-40 cm depth.

Mailloux

Table 2. Soil textures measured at the Mailloux site.

Core	Gravel	Very			Very			Total Sand	Total Silt	Total Clay	Textural Class
		Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Fine Sand	Total Sand				
528s*	0	0	0.2	0.3	1	72.8	74.3	16.1	9.5	Very Fine Sandy Loam	
528d	0	0	0.1	0.1	0.5	73	73.7	18.2	8.1	Very Fine Sandy Loam	
529	0	0	0.1	0.2	0.7	72.5	73.6	15.1	11.3	Very Fine Sandy Loam	
530s	0	0	0.1	0	0.9	78.6	79.7	13	7.3	Loamy Very Fine Sand	
530d	0	0	0	0.1	0.7	76.4	77.2	15.1	7.7	Very Fine Sandy Loam	
531	0	0	0.1	0.1	1	78.4	79.6	12.6	7.8	Loamy Very Fine Sand	
532s	0	0	0.3	0.4	1.1	77.3	79.2	12.2	8.6	Loamy Very Fine Sand	
532d	0	0	0	0	0.6	79.5	80.1	12.6	7.3	Loamy Very Fine Sand	
533	0	0	0.1	0.2	0.9	79.8	81	9.9	9.1	Loamy Very Fine Sand	
534s	0	0	0.1	0	0.9	78.4	79.5	11.1	9.4	Loamy Very Fine Sand	
534d	0	0	0	0.1	0.7	80.8	81.7	12.6	5.7	Loamy Very Fine Sand	
535	0	0	0.2	0.1	1.2	78.6	80	11.2	8.7	Loamy Very Fine Sand	

* Numbers followed by an “s”, or no letter, are from the 0-15 cm depth. Numbers followed by a “d” are from the 25-40 cm depth.

Preliminary Data

Data collection has commenced at each location. The data is preliminary and will be used to meet the objectives of the project. The following tables summarize the data as collected this year. There has been no analysis done on the data and it is presented for information purposes only.

As of June 17, 2003, the corn at the Woodbridge site was at the 2 leaf collar stage and was approximately 10 cm tall. The corn at the Mailloux site was at the 3-leaf collar stage and was approximately 15 cm tall. Corn is growing well.

Table 3. Woodbridge soil moisture

Plot Number*	Volumetric Soil Moisture (%)	
	June 4, 2003	June 17, 2003
1	42.2	33.6
2	32	26
3	36.6	26.8
4	40	34.6
5	37.4	33.8
6	46.2	44.8
7	36.4	32.8
8	36	29.4
9	32.8	27.4
10	32.6	36.2
11	36.8	30.8
12	45	36.8
13	45.8	37
14	44	38.6
15	41.8	33.2
16	42	33.8
17	36.8	29.8
18	37	30.2
19	32.8	31.2
20	36	32

*Plots 1-10 are in the irrigated strip and 11-20 are from the non-irrigated strip.

Table 4. Mailloux soil moisture

	Volumetric Soil Moisture (%)
Plot Number*	June 17, 2003
1	35
2	36.6
3	40.2
4	32.4
5	33.4
6	42.6
7	36.4
8	36.6
9	35.4
10	41.6
11	33
12	33.8
13	30
14	26.6
15	39
16	31.2
17	37.4
18	48.2
19	46
20	39.4

*Plots 1-10 are in the irrigated strip and 11-20 are from the non-irrigated strip.