Soil and Plant Analyses, 1978, Willamette Valley Sweet Corn Survey

No.	Soil Analyses									Plant Analyses									
	pH	P	K	Ca	Mg	B	LR	Cu	Zn	Samp	P	K	Ca	Mg	Zn	Mn	Cu	B	N
		--ppm--		meq/100g		ppm	SMP	--ppm--			--------%--------				--------ppm------				%
1	6.2	95	592	13.1	1.1	.93	6.4	1.0	1.6	1	.42	3.1	.37	.16	40	102	6.6	3	
										2	.35	3.0	1.03	.24	36	139	13.0	10	2.98
2	5.1	32	116	12.9	4.7	.33	6.0	3.6	1.6	1	.23	3.2	.32	.26	45	115	8.2	4	
										2	.28	2.3	.69	.39	40	194	11.6	4	3.13
3	5.8	27	156	10.8	2.5	.21	6.0	1.1	2.0	1	.29	2.5	.31	.21	50	97	7.0	2	
										2	.24	2.4	.71	.28	45	166	8.6	15	3.20
4	5.9	159	352	10.3	2.3	.26	6.4	.7	1.3	1	.51	2.9	.45	.24	51	111	5.0	1	
										2	.36	2.7	.51	.26	26	124	4.8	6	3.12
5	5.8	114	174	7.7	0.99	.18	6.5	.8	1.0	1	.27	1.8	.67	.27	24	60	6.6	4	
										2	.28	2.1	1.03	.26	37	172	8.2	5	2.98
6	5.7	52	146	8.4	1.8	.15	6.4	1.0	.8	1	.32	2.0	.47	.32	24	58	4.4	3	
										2	.26	1.9	1.00	.43	27	91	7.2	4	2.87
7	5.5	54	170	7.9	1.5	.32	6.3	.9	.9	1	.33	2.5	.49	.31	21	64	4.0	5	
										2	.25	1.8	.80	.37	30	94	6.6	6	2.65
8	5.5	29	88	9.7	1.5	.62	6.3	1.3	1.2	1	.28	1.5	.50	.32	35	111	5.0	5	
										2	.28	1.7	.87	.42	36	184	10.0	9	2.99
9	5.4	43	286	9.9	1.8	.30	6.0	.8	2.2	1	.27	2.8	.33	.19	57	134	6.8	1	
										2	.26	2.6	.63	.23	58	143	9.2	6	2.88
10	5.4	32	310	8.4	1.4	.22	5.9	.3	2.6	1	.38	3.1	.35	.21	113	119	4.2	3	
										2	.25	2.8	.59	.28	53	101	4.8	9	2.89
11	5.3	71	106	6.4	2.3	.40	6.4	1.4	1.3	1	.33	1.9	.39	.40	44	147	7.2	4	
										2	.24	2.2	.83	.47	37	296	8.4	5	3.12
12	5.3	135	198	13.1	2.5	.37	6.0	1.6	5.9	1	.46	2.6	.52	.23	78	166	9.0	2	
										2	.37	2.3	.96	.29	75	221	8.0	7	3.30
13	5.5	103	470	13.9	3.4	.36	6.3	1.4	1.6	1	.36	2.8	.34	.20	67	110	6.8	3	
										2	.40	2.6	.70	.23	44	133	8.8	10	3.22
14	5.6	31	412	11.8	5.3	.70	6.7	1.3	2.0	1	.25	3.0	.33	.25	32	90	8.4	9	
										2	.29	2.5	.79	.42	31	127	9.8	7	2.77
15	5.5	19	336	10.3	1.4	.36	5.9	.8	.3	1	.37	2.8	.31	.20	62	134	3.2	2	
										2	.27	2.7	.59	.32	43	132	4.8	10	2.79
16	5.8	33	136	27.0	11.0	.19	6.3	1.2	3.6	1	.37	2.7	.42	.39	39	53	6.6	4	
										2	.35	2.0	.66	.44	64	94	8.6	5	2.92
17	5.1	15	358	11.2	4.7	.26	6.0	.8	1.4	1	.30	2.2	.27	.26	20	55	5.6	2	
										2	.28	2.1	.56	.32	29	115	10.4	8	3.19
18	5.7	75	286	10.8	2.8	.33	6.8	.7	1.1	1	.42	2.3	.43	.26	37	76	7.2	4	
										2	.39	2.3	.76	.36	37	90	10.8	8	2.95
19	6.0	39	298	14.7	5.5	.24	6.6	4.0	3.7	1	.42	2.6	.33	.23	58	67	9.6	3	
										2	.27	1.9	.76	.51	35	76	9.6	6	2.74
20	6.4	32	268	16.3	2.8	.34	6.7	2.5	2.9	1	.44	2.6	.41	.22	54	112	6.8	2	
										2	.33	2.4	.76	.28	42	170	7.8	9	2.86
21	5.7	25	140	15.9	5.4	.21	6.5	2.4	1.0	1	.30	1.2	.35	.33	33	66	8.6	4	
										2	.25	1.5	.95	.61	36	113	11.0	7	2.66
22	5.2	59	364	11.0	3.6	.20	6.4	4.1	1.7	1	.34	3.5	.34	.26	50	89	8.6	4	
										2	.29	2.6	.78	.34	51	119	10.6	8	2.83
23	5.8	15	240	12.9	1.6	.37	5.9	1.4	1.4	1	.33	2.5	.40	.24	38	108	7.0	2	
										2	.30	2.6	.78	.39	28	130	13.4	11	3.32
24	5.1	75	316	8.4	1.5	.26	5.6	.5	.7	1	.39	2.6	.26	.18	42	174	4.4	11	
										2	.31	2.8	.55	.20	29	198	5.6	10	2.96
25	6.0	33	204	10.6	2.7	.31	6.5	1.0	1.3	1	.27	2.3	.46	.26	36	70	4.2	10	
										2	.25	2.2	.78	.29	23	94	8.8	6	2.78
26	5.3	126	398	5.6	.92	.24	6.3	3.2	1.1	1	.29	3.0	.41	.17	40	128	9.2	4	
										2	.25	2.7	.58	.21	39	92	6.8	10	2.73
27	6.0	73	476	12.7	3.0	.37	6.4	.7	1.6	1	.33	3.0	.35	.21	70	142	5.2	5	
										2	.30	2.6	.66	.25	46	129	7.8	11	2.85
28	5.4	13	268	5.9	.59	.21	5.7	.4	.7	1	.26	3.4	.35	.17	81	122	4.0	18	
										2	.27	2.9	.60	.22	53	119	5.8	10	3.37
29	5.0	18	280	16.9	5.4	.28	5.9	2.5	1.5	1	.24	3.0	.32	.26	38	88	7.8	2	
										2	.27	2.2	.66	.36	62	160	11.0	9	2.99
30	5.6	89	280	7.1	1.4	.69	6.6	.7	.8	1	.29	2.7	.36	.20	35	157	3.2	10	
										2	.27	2.5	.93	.28	25	242	5.0	26	2.87
31	5.1	44	164	5.8	1.5	.31	6.2	1.0	1.2	1	.26	2.3	.45	.29	47	149	7.6	2	
										2	.27	2.1	.81	.37	46	119	8.4	7	3.00
32	5.6	50	232	9.1	1.7	.20	6.2	1.0	2.0	1	.30	2.7	.40	.24	52	74	5.0	1	
										2	.30	2.4	.74	.31	57	132	9.4	7	3.19

Soil and Plant Analyses, 1978, Willamette Valley Sweet Corn Survey (cont.)

No.	Soil Analyses									Plant Analyses									
	pH	P	K	Ca	Mg	B	LR	Cu	Zn	Samp	P	K	Ca	Mg	Zn	Mn	Cu	B	N
		--ppm--		meq/100g		ppm	SMP	--ppm--			--------%--------				--------ppm------				%
37	7.1	44	164	19.1	2.3	.38	6.8	1.2	1.2	1	.37	2.0	.57	.30	27	102	9.2	5	
										2	.31	2.0	1.26	.47	24	149	7.6	8	2.50
38	5.3	38	164	11.4	3.0	.35	6.0	1.2	3.6	1	.46	2.5	.37	.24	66	77	9.8	11	
										2	.31	2.6	.78	.38	69	177	10.4	10	2.87
39	5.7	37	240	16.1	7.0	.40	6.5	2.6	1.3	1	.33	2.0	.33	.24	39	37	9.6	9	
										2	.26	2.4	.79	.41	39	53	9.2	13	2.68
40	5.2	18	204	16.5	7.4	.53	5.8	2.5	2.2	1	.32	1.9	.30	.25	55	90	8.8	10	
										2	.25	1.7	.81	.48	55	165	10.2	8	2.80
41	5.6	33	240	10.3	5.0	.58	6.6	1.8	.8	1	.30	2.6	.30	.24	49	69	9.8	7	
										2	.24	2.5	.73	.39	39	124	11.2	10	2.76
42	6.4	29	204	10.1	3.2	.32	7.1	1.3	.7	1	.37	2.4	.39	.20	40	37	8.6	8	
										2	.32	2.7	.87	.37	42	61	12.2	14	3.04
43	5.6	64	672	11.6	4.6	.33	6.4	1.6	3.5	1	.49	2.4	.29	.17	86	60	6.2	7	
										2	.26	2.4	.67	.26	123	67	6.8	11	2.59
44	5.8	61	310	6.2	2.2	.58	6.4	1.0	1.1	1	.30	2.5	.36	.23	32	75	6.4	14	
										2	.30	2.3	.74	.31	28	133	7.8	12	3.10
45	4.9	96	180	5.1	.69	.79	6.1	1.1	1.6	1	.47	2.8	.33	.18	76	159	8.2	12	
										2	.29	1.9	.77	.24	62	256	8.4	17	2.90
46	5.2	19	198	9.9	3.2	.29	5.9	2.7	1.9	1	.26	2.2	.27	.18	52	62	10.0	6	
										2	.24	2.3	.70	.28	48	122	9.8	11	2.82
47	5.9	50	228	5.3	1.5	.07	6.4	.8	.7	1	.31	1.7	.35	.22	31	81	4.0	8	
										2	.25	2.0	.76	.25	27	134	5.6	12	2.73
48	5.2	103	222	4.8	1.7	.32	6.3	.8	.9	1	.28	1.7	.30	.22	36	110	5.4	8	
										2	.24	2.2	.68	.32	31	273	6.4	11	2.61
49	5.1	33	152	4.5	.82	.40	5.8	.8	.9	1	.37	2.1	.32	.17	47	90	5.8	6	
										2	.26	2.2	.82	.28	24	170	8.4	10	2.66
50	5.6	27	204	15.3	6.2	.63	6.2	3.0	1.6	1	.40	1.8	.39	.27	48	73	8.8	9	
										2	.28	1.8	.91	.46	49	158	10.4	10	2.82
51	5.2	60	216	6.1	2.1	.25	5.9	1.1	1.3	1	.45	2.5	.27	.20	69	221	7.0	6	
										2	.30	2.4	.76	.37	55	240	8.8	8	2.91
52	5.8	59	262	7.5	3.4	.57	6.6	1.4	1.8	1	.30	2.8	.32	.21	55	110	10.4	13	
										2	.35	2.5	.78	.31	54	188	8.8	11	2.73
53	5.3	13	364	17.5	9.2	.34	5.8	4.9	2.3	1	.32	3.0	.24	.22	62	74	12.0	7	
										2	.24	1.5	.75	.44	33	185	7.8	10	2.59
54	5.6	56	192	7.1	.82	.29	6.2	.7	.5	1	.35	2.1	.26	.15	40	115	4.2	8	
										2	.26	2.5	.69	.20	29	182	7.0	10	2.86
55	5.6	40	222	13.9	6.3	.37	6.4	2.7	1.4	1	.40	1.8	.34	.31	51	83	9.6	6	
										2	.30	1.4	.87	.58	32	112	12.0	8	3.05
56	5.5	63	256	4.5	3.0	.71	6.3	1.0	.8	1	.34	1.9	.30	.31	45	182	6.8	14	
										2	.20	2.0	.62	.42	21	151	6.2	12	2.32
57	5.7	137	330	5.1	1.5	.52	6.4	.5	.7	1	.21	2.3	.39	.22	20	89	2.4	11	
										2	.25	2.2	.81	.36	23	154	5.8	7	2.80
58	5.5	36	280	15.9	7.4	.32	6.3	3.1	1.4	1	.29	2.0	.31	.28	44	59	8.8	11	
										2	.26	1.6	.68	.48	37	65	10.0	8	2.77
59	5.7	37	256	10.6	2.2	.35	6.3	1.1	.5	1	.37	1.9	.37	.21	33	99	5.6	5	
										2	.29	2.3	.79	.34	81	196	9.8	9	2.77
60	5.3	19	198	6.4	.82	.43	5.8	1.0	.4	1	.29	2.7	.32	.16	25	92	5.4	8	
										2	.26	2.4	.73	.28	29	169	8.4	14	2.79
61	5.3	44	316	13.5	6.9	.39	6.3	4.0	2.2	1	.32	2.3	.30	.24	55	79	8.8	9	
										2	.26	2.3	.76	.36	53	156	11.2	13	2.47
62	5.3	32	204	8.3	3.3	.52	6.2	2.1	1.6	1	.28	2.3	.30	.23	48	86	6.2	12	
										2	.23	2.8	.66	.39	56	136	13.6	12	3.02
63	5.1	105	298	5.9	1.3	.30	6.1	1.2	1.2	1	.39	1.5	.32	.18	50	122	5.0	9	
										2	.34	3.1	.49	.25	36	197	7.2	5	2.87
64	5.0	67	174	6.4	1.7	.36	6.0	.9	1.0	1	.38	2.3	.36	.23	38	143	3.8	9	
										2	.30	1.7	.93	.37	50	363	10.0	11	2.81
65	6.1	82	192	8.4	2.5	.69	6.5	1.1	.8	1	.32	1.7	.35	.23	33	70	6.4	11	
										2	.31	2.2	.67	.38	26	119	8.0	13	2.48
66	5.5	30	152	8.1	1.6	.36	6.2	1.1	1.1	1	.28	2.4	.31	.20	38	68	5.6	9	
										2	.27	2.7	.65	.25	28	119	8.4	10	2.69

Soil and Plant Analyses, 1978, Willamette Valley Sweet Corn Survey (cont.)

No.	Soil Analyses									Plant Analyses									
	pH	P	K	Ca	Mg	B	LR	Cu	Zn	Samp	P	K	Ca	Mg	Zn	Mn	Cu	B	N
		--ppm--		meq/100g		ppm	SMP	--ppm--			--------%--------				--------ppm------				%
71	5.5	85	256	9.1	1.3	.33	6.2	6.4	1.4	1	.48	5.6	.33	.34	31	90	7.4		
										2	.34	2.6	.36	.18	40	56	9.8	31	2.88
72	5.4	80	304	8.3	1.6	.56	6.3	.9	.9	1	.50	4.3	.28	.19	59	106	10.0	11	
										2	.29	2.9	.66	.25	41	231	5.8	6	2.74
73	5.5	19	152	15.3	7.6	.40	6.3	4.4	1.7	1	.40	2.6	.31	.35	54	61	18.0	15	
										2									
74	5.8	79	180	9.9	3.0	.72	6.4	1.5	1.1	1	.42	3.8	.29	.21	55	66	10.2	9	
										2	.30	2.7	.66	.31	34	136	8.0	6	2.56
75	6.0	59	208	8.1	1.5	.48	6.6	1.1	1.4	1	.40	3.9	.34	.22	42	69	5.6	16	
										2	.30	2.4	.72	.25	26	128	5.0	5	2.57
76	5.8	94	380	10.4	3.9	.30	6.5	1.5	1.6	1	.43	3.3	.42	.24	46	70	8.0	12	
										2	.34	2.6	.76	.37	32	96	8.8	5	2.47
77	5.5	49	186	10.8	3.2	.79	6.4	1.1	.9	1	.43	3.5	.30	.22	44	73	7.6	15	
										2	.32	2.2	.81	.43	37	150	8.4	6	2.79
78	5.3	43	128	5.8	1.3	.45	6.2	1.0	.9	1	.32	2.4	.29	.18	49	125	7.2	15	
										2	.19	2.5	.62	.26	34	261	8.0	4	2.28
79	5.2	41	116	7.4	2.0	.65	6.3	1.5	1.1	1	.48	2.7	.34	.27	51	74	9.4	9	
										2	.30	2.5	.64	.29	45	182	7.2	3	2.94
80	4.7	70	432	8.6	2.2	.51	5.4	1.4	1.7	1	.54	4.2	.30	.18	60	87	8.6	12	
										2	.42	2.5	.67	.23	56	184	8.0	3	3.20
81	5.3	17	256	17.3	7.4	.60	6.1	1.9	2.0	1	.34	4.3	.27	.21	53	72	11.0	7	
										2	.27	2.5	.53	.31	58	146	8.8	4	2.83
82	5.2	18	340	10.6	1.5	.87	5.7	.7	1.5	1	.42	5.2	.30	.16	78	105	11.8	10	
										2	.28	2.9	.57	.21	47	127	8.0	6	3.26
83	5.1	70	250	6.4	1.6	.64	5.9	.7	1.6	1	.32	4.1	.28	.18	43	84	7.6	12	
										2	.22	2.7	.49	.20	41	186	9.0	6	2.73
84	5.7	56	280	13.9	2.6	.46	6.2	.3	1.7	1	.38	3.8	.29	.20	48	51	7.6	12	
										2	.35	2.9	.81	.27	31	99	6.0	4	2.93
85	5.5	119	484	11.8	1.5	.42	6.0	2.7	1.5										
86	5.7	72	336	19.1	6.5	.42	6.4	2.6	1.0	1	.39	4.1	.33	.25	45	56	11.4	9	
										2	.32	2.3	.92	.41	26	122	9.2	6	2.59
87	6.2	26	136	14.9	7.3	.19	6.7	.8	.9	1	.40	3.5	.32	.28	45	81	10.2	10	
										2	.29	2.5	.72	.38	42	154	10.2	4	3.34
88	5.4	72	232	6.8	1.3	.32	6.3	5.1	1.6	1	.37	3.3	.32	.20	37	91	7.0	8	
										2	.39	3.3	.69	.25	40	145	5.4	5	2.86
89	5.2	25	180	15.5	6.4	.29	5.7	1.1	1.2	1	.42	2.5	.34	.34	44	47	8.2	23	
										2	.28	1.7	.67	.58	43	120	8.8	4	2.60
90	5.2	65	216	6.6	2.0	.71	6.2	1.7	1.9	1	.33	3.4	.36	.24	45	181	6.0	12	
										2	.24	3.8	.90	.38	39	404	11.6	6	2.84
91	5.6	32	124	11.8	2.7	.63	6.3	.6	1.5	1	.40	2.8	.38	.30	52	74	8.8	10	
										2	.23	2.4	.80	.41	38	144	6.0	6	2.70
92	5.1	13	268	7.9	1.1	.44	5.6	.7	.8	1	.40	3.2	.28	.18	68	128	4.5	9	
										2	.29	3.0	.83	.29	26	130	6.2	5	2.84
93	5.9	98	316	9.1	1.8	.53	6.3	.8	1.3	1	.47	3.9	.28	.16	41	73	5.4	10	
										2	.24	2.1	1.16	.44	47	175	11.2	7	2.02
94	5.2	100	304	11.4	2.4	.44	5.8	1.3	2.1	1	.55	3.7	.32	.20	47	63	6.4	10	
										2	.32	2.7	.64	.33	26	114	5.8	4	3.29
95	5.1	57	180	9.0	2.5	.40	5.9	2.2	1.1	1	.29	2.7	.29	.20	50	106	7.4	11	
										2	.29	2.4	.64	.29	60	233	6.6	5	2.48
96	5.6	48	204	15.9	6.4	.26	6.4	.6	.7	1	.37	3.9	.29	.25	45	90	9.0	5	
										2	.35	2.0	.76	.42	42	141	8.6	3	2.71
97	5.3	19	180	8.1	.82	.39	5.9	1.5	1.8	1	.40	3.6	.35	.19	45	171	9.2	13	
										2	.22	2.3	.71	.33	27	197	7.6	6	2.95
98	5.2	55	198	7.4	1.5	.63	6.0	2.9	1.9	1	.34	3.2	.38	.21	40	102	7.4	9	
										2	.21	2.4	.75	.31	29	127	7.2	8	2.12
99	5.4	60	298	23.0	8.9	.44	5.9	1.8	.7	1	.48	3.8	.30	.21	56	73	6.6	10	
										2	.32	2.2	.52	.33	40	87	7.6	5	2.74
100	5.5	75	262	11.6	3.6	.36	6.4	2.7	1.4	1	.30	2.2	.30	.22	32	96	6.2	9	
										2	.43	1.9	.75	.44	40	183	8.4	3	3.00
101	6.5	26	274	18.3	8.9	.35	6.8	.9	.9	1	.38	3.6	.24	.22	43	40	14.8	10	
										2	.25	2.4	.58	.39	35	38	8.6	36	2.46