

Table (1): Vegetative growth parameters of some seedling guava trees during (1985-1986).

Tree No.	1985										1986									
	Shoot					Leaf characters					Shoot					Leaf characters				
	length increase (cm)	length increase (%)	length increase in No.	Dry matter (mg)	Length (cm.)	Width (cm.)	Index (L/W)	Surface area (cm ²)	Factor		length increase (cm.)	length increase (%)	length increase in No.	Dry matter (mg.)	Length (cm.)	Width (cm.)	Index (L/W)	Surface area (cm ²)	Factor	
A2	13.8	483.33	7.58	1090	11.4	4.9	2.33	83.54	LxWx0.69		18.4	613.33	7.69	1075	12.4	5.8	2.13	50.34	LxWx0.70	
B3	13.6	453.33	7.20	900	11.7	5.7	2.05	48.02	LxWx0.69		18.3	610.00	7.33	700	13.0	5.9	2.20	52.92	LxWx0.69	
D1	21.8	728.67	11.15	880	11.6	5.0	2.32	41.18	LxWx0.71		22.9	780.00	11.32	880	13.2	5.5	2.40	50.82	LxWx0.70	
D6	20.1	670.00	10.78	1020	12.3	5.5	2.23	48.03	LxWx0.71		22.6	753.33	10.98	1000	12.1	6.8	1.83	55.90	LxWx0.70	
F1	10.8	353.33	5.00	750	10.7	5.4	1.98	41.02	LxWx0.71		15.0	500.00	5.03	735	13.2	5.2	2.54	48.73	LxWx0.71	
F3	18.5	550.00	9.85	590	10.7	4.9	2.18	37.22	LxWx0.71		20.0	806.67	10.08	570	11.5	6.0	2.30	40.83	LxWx0.71	
F7	17.0	568.67	10.08	670	13.7	5.1	2.68	48.91	LxWx0.70		20.6	886.67	10.28	650	11.9	6.0	1.88	40.89	LxWx0.71	
H2	13.0	433.33	6.55	810	13.3	5.4	2.46	50.99	LxWx0.71		17.3	578.67	6.75	800	13.2	5.3	2.49	46.27	LxWx0.69	
H11	15.4	513.33	9.00	780	10.9	5.3	2.06	40.43	LxWx0.70		18.0	633.33	9.13	780	13.1	5.7	2.30	51.52	LxWx0.68	
I8	12.8	428.67	6.24	780	11.6	5.7	2.04	46.28	LxWx0.70		16.0	533.33	8.44	740	12.0	5.6	2.14	47.71	LxWx0.71	
J1	17.7	590.00	10.13	830	13.2	5.8	2.26	54.34	LxWx0.71		22.1	736.67	10.33	815	13.1	5.9	2.22	54.10	LxWx0.70	
J6	11.8	393.33	5.34	840	11.3	5.1	2.22	40.34	LxWx0.70		14.3	478.67	5.51	825	11.9	5.8	2.02	49.15	LxWx0.70	
J9	8.5	283.33	4.01	760	11.1	8.2	1.78	47.49	LxWx0.89		14.8	493.33	4.12	735	12.7	6.4	1.98	56.80	LxWx0.70	
J10	3.4	113.33	2.02	660	10.7	4.8	2.23	35.85	LxWx0.70		7.2	240.00	2.00	630	13.0	5.1	2.54	45.74	LxWx0.69	
J11	7.3	243.33	4.00	880	11.0	4.4	2.50	33.83	LxWx0.70		13.1	436.67	4.10	635	12.6	5.1	2.47	44.34	LxWx0.71	
J12	12.2	406.67	6.08	610	10.0	4.3	2.32	30.53	LxWx0.71		15.5	516.67	6.33	600	11.5	5.6	2.05	45.72	LxWx0.71	
K9	15.2	506.67	8.38	910	13.0	5.2	2.50	48.64	LxWx0.69		17.7	590.00	8.76	900	12.8	5.7	2.25	51.80	LxWx0.71	
L2	16.5	550.00	9.27	620	11.9	5.8	2.02	49.15	LxWx0.70		19.1	636.67	8.43	805	11.0	5.3	2.08	40.81	LxWx0.71	
L4	24.0	800.00	13.31	800	10.3	4.9	2.10	35.33	LxWx0.70		23.8	793.33	13.68	590	12.3	5.9	2.08	50.80	LxWx0.70	
L5	23.9	448.00	7.25	770	9.8	4.8	1.95	32.48	LxWx0.69		18.2	606.67	7.42	755	12.1	5.4	2.24	48.36	LxWx0.69	
L7	13.4	447.67	6.91	660	9.3	4.8	1.93	31.25	LxWx0.70		18.1	603.33	7.08	840	11.8	5.2	2.27	42.34	LxWx0.71	
L8	13.1	438.67	7.00	790	10.4	4.9	2.12	35.15	LxWx0.68		18.0	600.00	7.07	770	13.0	5.9	2.20	53.89	LxWx0.70	
L9	15.0	500.00	8.35	830	10.3	5.1	2.02	36.77	LxWx0.70		18.7	623.33	8.50	820	11.5	5.7	2.02	46.54	LxWx0.71	
L10	23.1	770.00	11.81	760	8.8	4.4	2.00	27.10	LxWx0.70		23.1	770.00	11.70	780	11.9	5.9	2.02	46.44	LxWx0.69	
L11	3.6	120.00	3.05	620	10.9	4.7	2.32	35.35	LxWx0.69		9.2	306.67	3.00	610	12.6	5.2	2.42	46.51	LxWx0.71	
L12	14.4	480.00	7.83	590	9.3	4.8	1.94	31.60	LxWx0.71		18.5	923.33	7.91	670	11.1	5.3	2.10	41.77	LxWx0.71	
M4	5.0	166.00	3.72	710	11.5	4.6	2.50	37.55	LxWx0.71		11.2	373.33	3.88	700	12.5	4.9	2.55	42.87	LxWx0.70	
M10	18.9	830.00	10.55	970	11.9	5.6	2.13	45.98	LxWx0.69		19.2	640.00	10.75	960	11.1	6.5	2.17	51.23	LxWx0.71	
M12	15.5	516.67	8.57	810	11.4	5.6	2.03	45.32	LxWx0.71		18.9	630.00	8.82	800	12.2	6.1	2.00	52.9	LxWx0.70	
L.S.D.																				
5x	1.28	---	1.15	17.28	0.73	0.34	0.11	5.12	---		1.34	---	1.13	19.11	0.72	0.35	0.13	5.22	---	
1x	1.75	---	1.21	21.21	0.84	0.41	0.14	6.16	---		1.82	---	1.19	27.19	0.79	0.43	0.16	6.92	---	

Table (1-a): Vegetative growth parameters of some seedling guava trees (average of the two seasons).

Tree No.	Shoot length increase		Increase in No.	Leaf characters				Factor
	(cm.)	(%)		Dry matter (mg.)	Length (cm.)	Width (cm.)	Index L/W	
A2	16.15	538.33	7.64	1082	11.9	5.35	2.22	LxWx0.70
B3	15.95	531.67	7.27	800	12.4	5.80	2.13	LxWx0.69
D1	22.30	743.33	11.24	870	12.6	5.30	2.37	LxWx0.71
D6	21.35	711.67	10.86	1100	12.2	6.10	2.20	LxWx0.71
F1	12.80	426.67	5.02	742	12.0	5.30	2.26	LxWx0.71
F3	16.25	608.34	10.02	580	11.1	5.00	2.22	LxWx0.71
F7	18.50	616.67	10.18	660	12.8	5.60	2.29	LxWx0.71
H2	15.15	505.00	6.65	805	13.3	5.40	2.46	LxWx0.70
H11	17.20	573.33	9.07	770	12.0	5.50	2.18	LxWx0.70
I8	14.40	480.00	6.34	750	11.8	5.70	2.70	LxWx0.71
J1	19.90	663.34	10.23	823	13.2	5.80	2.28	LxWx0.71
J6	13.50	435.00	5.43	832	11.6	5.50	2.11	LxWx0.70
J9	11.65	388.33	4.07	747	11.9	6.30	1.89	LxWx0.70
J10	5.30	176.67	2.01	645	11.9	4.90	2.42	LxWx0.70
J11	10.20	340.00	4.05	647	11.9	4.80	2.48	LxWx0.70
J12	13.85	461.67	6.21	605	10.8	5.00	2.16	LxWx0.71
K9	16.45	548.34	8.52	905	12.9	5.50	2.34	LxWx0.70
L2	17.80	593.34	8.35	613	11.5	5.00	2.05	LxWx0.70
L4	23.90	796.67	13.50	595	11.3	5.40	2.09	LxWx0.70
L5	21.50	526.34	7.34	762	10.9	5.30	2.10	LxWx0.70
L7	15.75	525.00	7.00	650	10.6	5.10	2.12	LxWx0.70
L8	15.55	518.34	7.04	780	11.7	5.00	2.17	LxWx0.70
L9	16.85	561.67	8.34	825	10.9	5.00	2.02	LxWx0.71
L10	23.10	770.00	11.70	770	10.4	5.00	2.04	LxWx0.70
L11	6.40	213.34	3.03	615	11.8	5.00	2.36	LxWx0.70
L12	16.45	701.67	7.87	580	10.2	5.00	2.00	LxWx0.71
M4	8.10	269.67	3.70	705	12.0	4.70	2.55	LxWx0.71
M10	19.05	635.00	10.65	960	11.5	6.00	1.90	LxWx0.70
M12	17.20	573.34	8.70	805	11.8	5.00	2.00	LxWx0.71
L.S.D. {5%}	1.31	---	1.14	18.18	0.72	0.35	0.12	---
{1%}	1.82	---	1.20	24.24	0.82	0.42	0.15	---