

Table (1): Plant height (cm) of Solo and Sunset papaya cultivars during 1996 and 1997 seasons.

Seasons	Cultivar	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1996	Solo	185.0	190.0	197.0	199.1	202.0	205.1	208.0	210.3	211.2	212.3	212.3
	Sunset	167.2	171.3	176.2	178.4	180.8	183.2	185.3	187.4	189.3	190.4	190.6
	Significance	**	**	**	**	**	**	**	**	**	**	**
1997	Solo	212.6	215.7	220.8	223.5	225.9	228.8	231.4	233.5	234.5	234.9	234.9
	Sunset	190.6	193.5	197.5	200.2	202.5	205.1	207.5	209.6	210.8	211.7	211.8
	Significance	**	**	**	**	**	**	**	**	**	**	**

N.S., *, ** Non Significant, Significant at $P \leq 0.05$ or 0.01 , respectively.

Table (2): Total No. of produced leaves/plant of Solo and Sunset papaya cultivars during 1996 and 1997 seasons.

Seasons	Cultivar	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1996	Solo	19.2	40.3	56.0	62.0	60.8	61.0	58.0	59.0	53.6	45.2	27.0
	Sunset	15.2	35.6	49.2	51.1	49.2	47.1	45.9	48.9	45.1	36.8	21.1
	Significance	**	*	*	**	**	**	**	**	**	**	**
1997	Solo	17.8	42.6	57.4	60.1	61.6	61.3	60.4	60.5	56.6	47.6	26.8
	Sunset	16.0	37.0	51.0	52.0	52.6	51.5	51.2	50.0	47.7	40.2	24.0
	Significance	**	**	**	**	**	**	**	**	**	**	**

N.S., *, ** Non Significant, Significant at $P \leq 0.05$ or 0.01 , respectively.

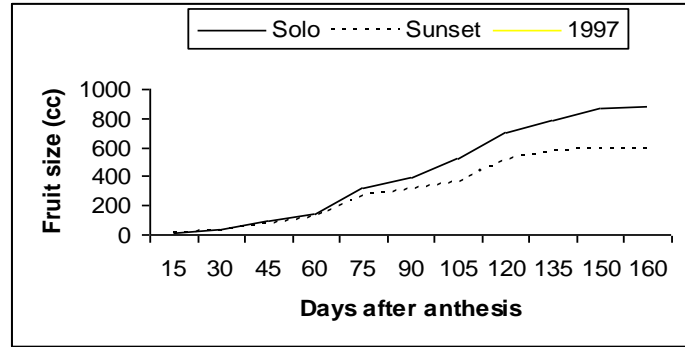
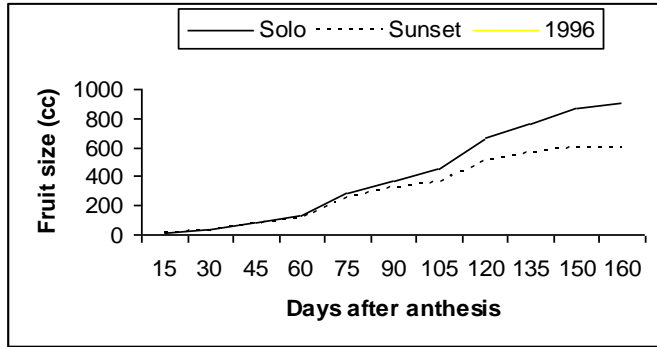
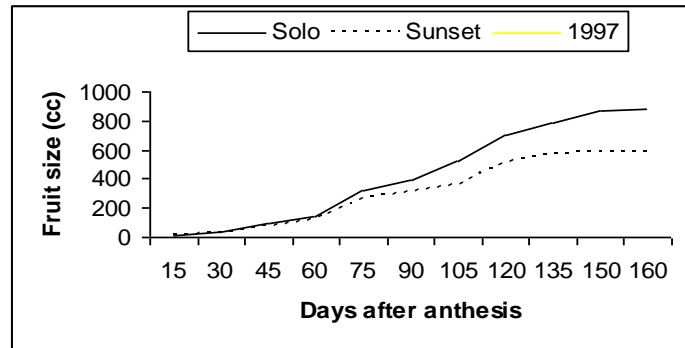
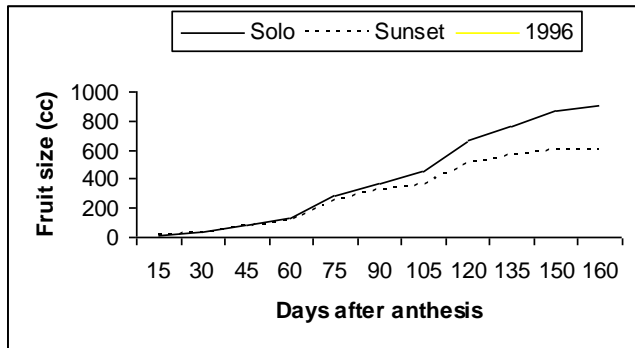


Fig (1): Changes in fruit weight (g.) of Solo and Sunset papaya during 1996 and 1997 seasons.



Fig(2): Changes in fruit size (cc) of Solo and Sunset papaya during 1996 and 1997 seasons.

Table (3): Leaf area (cm²) of Solo and Sunset papaya cultivars during 1996 and 1997 seasons

Seasons	Cultivar	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1996	Solo	438.58	623.55	840.33	844.13	853.79	849.76	846.94	852.15	848.48	849.89	848.29
	Sunset	466.36	676.56	861.00	882.76	900.21	903.46	905.37	899.06	896.65	892.38	886.50
	Significance	**	**	**	**	**	**	**	**	**	**	**
1997	Solo	421.49	630.62	849.91	850.61	855.25	852.85	859.53	861.67	857.12	855.79	856.86
	Sunset	454.38	673.52	867.02	889.38	892.65	894.79	898.52	894.79	892.65	896.12	891.31
	Significance	**	**	**	**	**	**	**	**	**	**	**

N.S., *, ** Non Significant, Significant at $P \leq 0.05$ or 0.01 , respectively.

Table (4): Changes in pulp (%) and total soluble solids (%) of Solo and Sunset papaya during 1996 and 1997 seasons.

Days after anthesis	Pulp (%)						Total soluble solids (%)					
	1996			1997			1996			1997		
	Solo	Sunset	Signi- ficant	Solo	Sunset	Signi- ficant	Solo	Sunset	Signi- ficant	Solo	Sunset	Signi- ficant
15	84.4	83.7	*	84.1	83.4	*	3.4	4.0	**	3.52	4.0	**
30	85.9	84.5	**	86.2	84.8	**	3.6	4.2	**	3.7	4.2	**
45	86.65	85.7	**	87.1	85.8	**	3.75	4.2	**	3.84	4.34	**
60	87.3	86.4	**	87.8	86.8	**	3.8	4.4	**	3.92	4.5	**
75	89.0	88.1	**	89.4	88.4	**	4.0	4.52	**	4.12	4.6	**
90	89.1	88.4	*	89.5	88.6	**	4.2	4.6	**	4.32	4.74	**
105	89.5	88.8	*	89.7	88.9	**	4.32	4.8	**	4.4	4.94	**
120	89.6	89.5	NS	90.1	89.2	**	5.8	6.8	**	5.74	7.0	**
135	89.85	87.7	**	90.0	88.2	**	8.6	12.0	**	8.8	12.2	**
150	87.95	85.42	**	88.0	85.57	**	10.8	14.4	**	10.56	14.5	**
160	86.28	85.42	**	86.37	85.57	**	12.5	14.4	**	12.52	14.5	**

N.S., *, ** Non Significant, Significant at $P \leq 0.05$ or 0.01 , respectively.

Table (5): Changes in acidity (%) and ascorbic acid (mg/100g) of Solo and Sunset papaya during 1996 and 1997 seasons.

Days after anthesis	Acidity (%)						Ascorbic acid (mg/100g)					
	1996			1997			1996			1997		
	Solo	Sunset	Significant	Solo	Sunset	Significant	Solo	Sunset	Significant	Solo	Sunset	Significant
15	0.81	0.83	**	0.81	0.83	**	44.2	38.4	**	42.8	40.0	**
30	0.80	0.82	**	0.81	0.83	**	32.6	27.5	**	30.8	28.2	**
45	0.80	0.81	*	0.80	0.82	**	22.4	18.2	**	20.6	18.0	**
60	0.79	0.80	*	0.79	0.81	**	18.75	13.5	**	16.4	14.0	**
75	0.77	0.78	*	0.78	0.79	*	22.5	18.6	**	20.8	16.8	**
90	0.75	0.76	*	0.76	0.77	*	24.0	22.0	**	22.4	20.6	**
105	0.73	0.74	*	0.73	0.75	**	24.6	22.5	**	24.6	22.0	**
120	0.70	0.72	**	0.70	0.72	**	25.4	28.6	**	27.5	27.5	NS
135	0.67	0.69	**	0.67	0.69	**	33.5	37.0	**	32.1	38.5	**
150	0.66	0.67	*	0.65	0.67	**	44.0	46.54	**	42.0	47.76	**
160	0.64	0.67	**	0.63	0.67	**	53.59	46.54	**	51.49	47.76	**

N.S., *, ** Non Significant, Significant at $P \leq 0.05$ or 0.01 , respectively.