

Table (1): Effect of tree inclination angle on upper shoot length (cm), fruit set percentage, yield (kg)/tree, commercial yield percentage and fruit splitting percentage of Manfalouty pomegranate cultivar during 2005, 2006 and 2007 seasons.

Angle (in degrees)	Upper shoot length (cm)				Fruit set (%)				Yield (kg)/tree				Commercial yield (%)				Fruit splitting (%)			
	2005	2006	2007	Mean	2005	2006	2007	Mean	2005	2006	2007	Mean	2005	2006	2007	Mean	2005	2006	2007	Mean
90° (control)	65.33	66.33	68.00	66.56	51.67	54.67	56.00	54.11	81.00	83.00	84.00	82.67	84.33	86.67	86.67	85.89	6.87	6.50	6.33	6.57
60°	62.67	62.33	62.67	62.56	48.00	49.33	48.00	48.44	65.00	66.33	67.00	66.11	77.00	77.00	78.00	77.33	8.00	7.00	6.33	7.11
45°	54.00	53.00	51.33	52.78	40.33	42.67	40.00	41.00	56.67	52.67	50.33	53.22	65.00	64.00	63.00	64.00	10.00	10.50	10.83	10.44
30°	48.33	47.33	46.67	47.44	38.00	36.33	35.00	36.44	37.67	36.00	35.33	36.33	64.00	63.00	61.33	62.78	12.00	12.50	11.67	12.06
T-Dunnett 0.05	3.51	3.45	4.17	1.75	2.89	4.35	3.77	1.75	8.83	8.48	7.88	3.95	6.19	6.17	4.98	2.73	0.30	0.65	1.35	0.41
F-test	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**

Table (2): Effect of tree inclination angle on fruit weight (g), grains/fruit weight percentage, total soluble solids percentage (TSS), titratable acidity percentage, TSS/acid ratio and reducing sugar percentage in fruit juice of Manfalouty pomegranate cultivar during 2005, 2006 and 2007 seasons.

Angle (in degrees)	Fruit weight (g)				Grains/fruit weight (%)				Total soluble solids percentage (TSS)				Titratable acidity (%)				TSS/acid ratio				Reducing sugar (%)			
	2005	2006	2007	Mean	2005	2006	2007	Mean	2005	2006	2007	Mean	2005	2006	2007	Mean	2005	2006	2007	Mean	2005	2006	2007	Mean
90° (control)	520.0	550.0	580.0	550.0	62.00	62.00	62.50	62.17	16.37	16.27	16.53	16.39	1.100	1.077	1.060	1.079	14.87	15.10	15.63	15.20	11.50	11.63	11.80	11.64
60°	510.	525.	540.	525.	59.5	58.5	57.5	58.5	15.1	14.9	14.9	14.9	1.22	1.21	1.23	1.22	12.4	12.3	13.5	12.7	11.4	11.5	11.6	11.5

