Table 1. Means of plant height (cm), plant diameter (cm), and number of leaves of Lantana plant as influenced by different growing media in two locations of Alexandria.

Treatments	Media content (v/v)			Plant height (cm)		Plant diameter (cm)		Number of leaves/plant	
	Calcareous	Compost	Sand	Maamoura	Montaza	Maamoura	Montaza	Maamoura	Montaza
T_1	100	0	0	41.46^{b}	31.33^{b}	82.91^{b}	62.66^{b}	1233.83^{b}	676.83^{b}
T_2	75	25	0	44.63^{a}	37.75^{a}	89.25^{a}	75.50^{a}	1319.66^{b}	1250.16^{a}
T_3	50	50	0	44.79^{a}	37.17^{a}	89.58^{a}	74.33^{a}	1810.66^{a}	1045.16^{ab}
T_4	75	0	25	43.83^{a}	35.21^{ab}	87.66^{ab}	70.41^{ab}	1298.00^{b}	637.83^{b}
T_5	50	0	50	42.25^{b}	33.25^{b}	84.50^{b}	66.50^{b}	1383.83^{b}	822.00^{b}
T_6	33.3	33.3	33.3	43.63^{ab}	33.33^{b}	87.25^{ab}	66.66^{b}	1384.83^{b}	871.66^{b}
L.S.D. at 0.05				2.17	4.11	4.34	8.22	327.13	330.98

Means at the same column followed by same letter(s) are not significantly different at 0.05 probability level.
L.S.D. = Least Significant Difference at 0.05 of probability.

Table 2. Means of leaf area (cm^2), leaves dry weight (g) and plant dry weight (g) of Lantana plant as influenced by different growing media in two locations of Alexandria.

Treatments	Media content (v/v)			Leaf area (cm^2)/plant		Leaves dry weight (g)/plant		Plant dry weight (g)	
	Calcareous	Compost	Sand	Maamoura	Montaza	Maamoura	Montaza	Maamoura	Montaza
T_1	100	0	0	1147.87^{b}	724.75^{b}	14.90^{b}	6.28^{b}	36.31^{b}	27.63^{b}
T_2	75	25	0	1430.36^{ab}	1475.43^{a}	15.93^{b}	12.68^{a}	54.53^{ab}	47.88^{a}
T_3	50	50	0	2015.99^{a}	1378.72^{a}	23.47^{a}	14.12^{a}	72.50^{a}	44.32^{ab}
T_4	75	0	25	1154.85^{b}	638.48^{b}	15.08^{b}	9.52^{ab}	47.08^{b}	31.55^{b}
T_5	50	0	50	1157.89^{b}	937.07^{ab}	15.07^{b}	6.50^{b}	46.05^{b}	34.86^{ab}
T_6	33.3	33.3	33.3	1344.39^{ab}	900.92^{ab}	16.75^{b}	9.53^{ab}	58.86^{ab}	40.71^{ab}
L.S.D. at 0.05				827.17	630.72	6.37	5.11	18.31	14.26

Means at the same column followed by same letter(s) are not significantly different at 0.05 probability level.
L.S.D. = Least Significant Difference at 0.05 of probability.

Table 3. Means of inflorescences diameter (cm), total number of inflorescences/plant, inflorescences fresh weight (g) /plant, and inflorescences dry weight (g)/plant of Lantana plant as influenced by different growing media in two locations of Alexandria.

Treatments	Media content (v/v)			Inflor. diameter (cm)		Total no. of inflor. /plant		Inflor. Fresh weight (g) /plant		Inflor. Dry weight (g) /plant	
	Calcareous	Compost	Sand	Maamoura	Montaza	Maamoura	Montaza	Maamoura	Montaza	Maamoura	Montaza
T_1	100	0	0	2.94^{c}	3.04^{b}	146.48^{b}	137.64^{b}	41.89^{c}	38.54^{b}	7.62^{d}	8.67^{c}
T_2	75	25	0	3.03^{b}	3.07^{b}	221.92^{a}	194.72^{a}	67.91^{a}	60.56^{a}	12.43^{a}	11.10^{a}
T_3	50	50	0	$3.11a^{b}$	3.29^{a}	224.77^{a}	193.30^{a}	67.21^{a}	62.05^{a}	13.26^{a}	10.63^{a}
T_4	75	0	25	2.95^{c}	3.04^{b}	166.36^{b}	151.77^{b}	45.08^{c}	39.01^{b}	8.98^{c}	6.53^{d}
T_5	50	0	50	3.05^{b}	3.04^{b}	141.89^{b}	151.24^{b}	39.73^{c}	45.37^{b}	7.96^{d}	6.20^{d}
T_6	33.3	33.3	33.3	3.18^{a}	2.99^{c}	190.22^{a}	186.63^{a}	59.16^{b}	57.11^{a}	10.84^{b}	9.71^{b}
L.S.D. at 0.05				0.08	0.04	35.78	30.96	7.07	7.18	0.87	0.80

Means at the same column followed by same letter(s) are not significantly different at 0.05 probability level.
L.S.D. = Least Significant Difference at 0.05 of probability.

Table 4. Means of chlorophyll (SPAD), nitrogen, phosphorus and potassium content in leaves of Lantana plant as influenced by different growing media in two locations of Alexandria.

Treatments	Media content (v/v)			Chlorophyll (SPAD)		Nitrogen %		Phosphorus %		Potasium %	
	Calcareous	Compost	Sand	Maamoura	Montaza	Maamoura	Montaza	Maamoura	Montaza	Maamoura	Montaza
T_1	100	0	0	25.23^{b}	25.75^{c}	2.15^{f}	3.23^{f}	0.34^{e}	0.33^{d}	1.76^{e}	1.30^{f}
T_2	75	25	0	28.84^{a}	35.48^{a}	3.30^{b}	3.55^{b}	0.42^{b}	0.39^{b}	2.34^{a}	1.96^{b}
T_3	50	50	0	29.73^{a}	30.09^{b}	3.53^{a}	3.63^{a}	0.60^{a}	0.42^{a}	2.34^{a}	1.99^{a}
T_4	75	0	25	27.63^{ab}	27.88^{bc}	2.37^{c}	3.40^{c}	0.35^{d}	0.36^{c}	2.06^{c}	1.46^{e}
T_5	50	0	50	28.23^{a}	27.37^{bc}	2.38^{d}	3.28^{e}	0.35^{d}	0.36^{c}	1.92^{d}	1.52^{d}
T_6	33.3	33.3	33.3	27.92^{ab}	29.30b	2.59^{c}	3.36^{d}	0.36^{c}	0.39^{b}	2.13^{b}	1.82^{c}
L.S.D. at 0.05				2.81	3.34	0.010	0.015	0.005	0.003	0.013	0.011

Means at the same column followed by same letter(s) are not significantly different at 0.05 probability level.
L.S.D. = Least Significant Difference at 0.05 of probability.

Table 5. Means of copper, iron, manganese and zinc content (ppm) in leaves of Lantana plant as influenced by different growing media in two locations of Alexandria.

Treatments	Media content (v/v)			Copper (ppm)		Iron (ppm)		Manganese (ppm)		Zinc (ppm)	
	Calcareous	Compost	Sand	Maamoura	Montaza	Maamoura	Montaza	Maamoura	Montaza	Maamoura	Montaza
T_1	100	0	0	6.13^{b}	5.20^{b}	131.00^{c}	106.00^{b}	54.60^{b}	47.80^{b}	25.90^{c}	22.80^{c}
T_2	75	25	0	7.10^{a}	7.03^{ab}	203.00^{b}	204.00^{a}	78.70^{a}	56.00^{ab}	42.00^{b}	49.40^{ab}
T_3	50	50	0	9.77^{a}	8.23^{a}	246.00^{a}	222.00^{a}	86.70^{a}	57.80^{a}	53.20^{a}	53.90^{a}
T_4	75	0	25	6.70^{b}	6.17^{ab}	198.00^{b}	192.00^{a}	56.70^{b}	56.00^{ab}	35.20^{b}	40.00^{b}
T_5	50	0	50	6.20^{b}	6.20^{ab}	189.00^{b}	204.00^{a}	56.70^{b}	52.60^{ab}	37.90^{b}	42.30^{b}
T_6	33.3	33.3	33.3	7.67^{ab}	7.30^{ab}	223.00^{ab}	213.00^{a}	78.20^{a}	54.90^{ab}	41.70^{b}	51.70^{ab}
L.S.D. at 0.05				2.81	2.51	31.73	37.68	11.13	8.41	6.96	10.43

Means at the same column followed by same letter(s) are not significantly different at 0.05 probability level.
L.S.D. = Least Significant Difference at 0.05 of probability.