

Table (5): Average of plant growth and fruit physical characters of different tomato varieties under open field (Infected with *B.tabaci*)

Average mesearment numbers of tomato varieties on some vegetative and fruit characters																			
Varieties	Plant growth characters								Fruit physical characters										
	Plant under open field (infected)				Plants under caged				Plants under open field(infected)					Plant under caged					
	1	2	3	4	1	2	3	4	5	6	7	8	9	5	6	7	8	9	10
Super Marmande	52.33	8.07	47.33	115.26	72.67	14.35	116.67	215.49	66.88	3.56	3.67	0.52	4.3	115.29	5.3	6.27	0.73	5.8	26.42
Prichard	55	10.13	47.33	115.15	74	15.72	116	240.86	24.84	4.21	4.37	0.54	4.1	97.5	6.13	5.1	0.73	5.67	21.48
Giza 80	56	8.6	50.67	93.94	77	12.55	116.67	197.26	64.39	4.13	4.07	0.6	4.33	96.6	5.86	5.7	0.78	5.67	23.14
Cherry	57.33	10.67	54.33	81.6	65	15.08	81.67	165.15	40.28	2.33	2.17	0.2	4.27	49.24	2.33	2.3	0.20	5.6	9.2
Money Maker	102	9.57	54.33	91.54	122.33	13.27	83.33	180.73	47.45	3.33	3.5	0.43	4.5	57.64	4.63	3.62	0.5	5.23	16.01
Castle Rock	62.67	10.3	61	118.73	74.67	15.2	116.33	236.94	60.3	4.47	3.5	0.63	5	93.42	5.77	5.56	0.73	4.48	23.28
CAL-ACE	60.67	8.47	75.67	134.71	77.67	21.78	97.67	260.05	77.11	5.3	5.33	0.53	5.13	124.8	6.16	6.47	0.75	5.93	25.00
GS 12	53	6.47	64	120.55	67.33	13.27	80.67	233.99	82.39	4.43	4.17	0.47	5.17	89.2	5.47	5.16	0.73	5.23	23.57
L.S.D.0.05	1.886	0.638	1.661	1.51	1.774	0.916	2.041	4.062	473.75	0.343	0.301	0.163	0.297	2.15	0.232	0.18	0.189	0.232	96.412
F	679.366	66.745	304.702	1273.45	938.508	89.847	635.536	583.62	2.033	60.80	81.05	6.035	18.956	1297.416	265.029	547.119	10.942	35.99	1.731

1= Plant hight 2=No. of branch/plant 3= No. of leaves/plant 4= Dry matter content (gm./plant) 5= Average fruit weight (gm.) 6=Average fruit length (cm.) 7= Average fruit width (cm.)
8= Flesh thickness (cm.) 9 = T.S.S. 10- Total yield (ton/fed.)