

**Table .1 Reaction of *Orobanche ramosa* L.  
To major Solanaceae Crops**

<b>Treatments</b>	<b>Number of <i>Orobanche</i> <i>ramosa</i>/ plant (mean)</b>	<b>Number of Orobanche stems/ plant (mean)</b>	<b>Number of Orobanche capsules / plant (mean)</b>	<b>Fresh Weight / Orobanche plant (mean)</b>	<b>Dry weight / Orobanche plant (mean)</b>	<b>Infestation% Orobanche</b>
Potato infested	5	1	68	95.5	31.8	100
Control	0	0	0	0	0	0
Tomato infested	2	5	72	72	15.8	100
Control	0	0	0	0	0	0
Egg plant infested	1	3	60	19.4	5.2	100
Control	0	0	0	0	0	0
L.S.D	0.000	0.004	0.000	0.000	0.000	
P <sub>≥</sub> level D (0.05)						

**Table .2 Effect of *Orobanche ramosa* L.  
On the Dry and Fresh Weight of Major Solanaceae Crops**

Crops	Fresh weight plant (mean) gm	Dry weight / Plant (mean) gm
Potato infested	26.3	8.6
Potato un infested	30.7	9.5
L.S D	0.102	0.136
Tomato infested	24.6	8.7
Tomato un infested	32.4	9.1
L.S D	0.019	0.327
Egg plant infested	21.4	7.2
Egg plant un infested	27.8	8.6
L.S D	0.362	0.768
P <sub>≥</sub> level D (0.05)		

**Table .3 Fresh and Dry Weight of  
*Orobanche ramosa* L. on Major Solanaceae Crops**



**Table .4 Fresh and Dry Weight of Major Infested and Health Crops**

Treatment	Fresh weight				Dry weight			
	I	II	III	Mean	I	II	III	Mean
Potato infested	27	26	25.8	26.3	8.8	8.5	8.6	8.6
Control	35	27	30	30.7	11	8	9.5	9.5
Tomato infested	24.2	25.1	24.6	21.6	8.9	9.8	7.3	8.7
Control	28.9	32.4	35.9	32.4	6.11	9.3	12	9.1
Egg plant infested	21.4	17.6	25.1	21.4	7	5.8	8.7	7.2
Control	19	24.5	38.3	27.8	6.9	8.5	10.5	8.6

**Table .3 Meteorological Data of Shambat Station  
Winter Season 2006 - 2007**

Element Month	Mean temperature C°		Relative Humidity %
	<i>Maximum</i>	<i>Minimum</i>	
November	33.3	19.9	27
December	28.7	13.6	29
January	27.5	13.9	31
February	32.2	14.3	23
March	36.6	18.1	18
April	39.5	20.8	15

