

**Table 1: Mean numbers of all alive scale insects (Pre-adult and Adult female) found on each sample (20 leaves) on sour orange trees during 2008/09 and 2009/10 seasons.**

Dat.	<i>C. aonidum</i>						<i>P. ziziphi</i>					
	2008 – 2009			2009 - 2010			2008 - 2009			2009 - 2010		
	P.	A.	T.	P.	A.	T.	P.	A.	T.	P.	A.	T.
<b>Mar.</b>	108.8	13.4	122.1	187.3	42.5	229.8	244.1	280.1	524.2	220.7	257.4	478.1
<b>Apr.</b>	54.2	48	102.2	80.3	69.8	150.1	262.1	372.2	634.3	241.9	361.4	603.3
<b>May</b>	44.7	63.8	108.5	139.2	21.1	160.3	177.5	293.4	470.9	129.6	233.6	363.2
<b>Jan.</b>	127	9.5	136.5	60.3	54.6	114.9	101.2	293.4	394.6	171.4	313.9	485.3
<b>Jul.</b>	194.9	68.5	263.4	196.5	20.3	216.8	121.7	330.8	452.5	122.0	249.1	371.1
<b>Aug.</b>	221.9	98.7	320.6	107.4	96	203.4	144.4	328.0	472.4	130.7	292.0	422.7
<b>Sept.</b>	334.7	71.6	406.3	206.2	29	235.2	65.2	285.5	350.7	114.8	283.3	398.1
<b>Oct.</b>	426.9	54.3	481.2	159.3	122.4	281.7	67.0	187.2	254.2	72.0	229.3	301.3
<b>Nov.</b>	84.5	156	240.5	83.2	126.8	210	91.8	272.5	364.3	88.9	299.2	388.1
<b>Dec.</b>	290.4	36.6	327	105.4	76.5	181.9	122.8	310.0	432.8	132.8	273.6	406.4
<b>Jan.</b>	282.5	125.8	408.3	257.3	100.8	358.1	89.3	294.1	383.4	98.6	285.8	384.4
<b>Feb.</b>	336.7	73.4	410.1	343.7	107.2	450.9	141.1	284.4	425.5	121.3	302.8	424.1
<b>Total</b>	2507	819	3326	1926.	867	2793	1627.9	3531.6	5159.5	1644.8	3381.5	5026.7
<b>Mean</b>	<b>208.9</b>	<b>68.3</b>	<b>277.2</b>	<b>160.5</b>	<b>72.3</b>	<b>232.8</b>	<b>135.7</b>	<b>294.3</b>	<b>430.0</b>	<b>137.1</b>	<b>281.8</b>	<b>418.9</b>

**P. = Pre-adult      A. = Adultfemale      T. = Total**



**Table 5: Effect of infestation with two scale insects on fruit characters and yield of sour orange trees during 2008/09 and 2009/10 seasons.**

Insect	Yield per tree (kg)		Reduction, %		Fruit weight (g)		Reduction, %		Fruit dimensions							
									Height (cm)		Reduction, %		Diameter (cm)		Reduction, %	
	2008 / 09	2009 / 10	2008 / 09	2009 / 10	2008 / 09	2009 / 10	2008 / 09	2009 / 10	2008 / 09	2009 / 10	2008 / 09	2009 / 10	2008 / 09	2009 / 10	2008 / 09	2009 / 10
Uninfested	60.84a	59.67a	00.0	00.0	239.3a	237.4a	00.0	00.0	10.08	12.52	00.0	00.0	13.54	14.25	00.0	00.0
<i>C. aonidum</i>	37.03b	35.90b	39.14	39.84	233.3b	231.1ab	2.51	2.65	9.75	12.09	3.27	3.43	13.11	13.793	3.18	3.23
<i>P. ziziphi</i>	13.88c	13.61c	77.19	77.19	221.9b	219.5 b	7.27	7.54	9.06	11.23	10.12	10.30	12.26	12.87	9.45	9.68
L.S.D	<b>5.69</b>	<b>5.69</b>			<b>10.58</b>	<b>17.29</b>			<b>2.77</b>	<b>2.77</b>			<b>3.2</b>	<b>3.2</b>		

**Table 6: Effect of infestation with two scale insects on biochemical analysis of fruit of sour orange trees during 2008/09 and 2009/10 seasons.**

Insect	Acidity		Reduction, %		Protein (mg/100)		Reduction, %		Total sugars (mg/100)		Reduction, %		Vitamin C (mg/100ml)		Reduction, %	
	2008/ 2009	2009/ 2010	2008/ 2009	2009/ 2010	2008/ 2009	2009/ 2010	2008/ 2009	2009/ 2010	2008/ 2009	2009/ 2010	2008/ 2009	2009/ 2010	2008/ 2009	2009/ 2010	2008/ 2009	2009/ 2010
Uninfested	2.8	2.84	00.0	00.0	638 a	635 a	00.0	00.0	12.3	12.5	00.0	00.0	100 a	102 a	00.0	00.0
<i>C. aonidum</i>	2.7	2.7	3.21	3.87	616 b	600 b	3.45	5.51	11.6	11.7	5.69	6.40	96 a	97 b	4.00	4.90
<i>P. ziziphi</i>	2.5	2.5	10.7	11.97	551 c	542 c	13.6	14.7	10.1	10.2	17.89	18.4	93 b	94 c	7.00	7.84
L.S.D	<b>0.53</b>	<b>0.57</b>			<b>14.8</b>	<b>32.0</b>			<b>3.2</b>	<b>3.2</b>			<b>6.5</b>	<b>3.8</b>		