

ANNEX I

Development Immature Stages of *Ceratitis capitata*

Table 1 Development of the immature stages of the Mediterranean fruit fly *C. capitata* by evaluation day in pomegranate *Punica granatum* at 26.7° C and 59.5% relative

Replication	Stage	Number of individuals per stage of development per day.														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	
R1	Egg	Inoc.	500	70												
	Larvae 1			301	342	115										
	Larvae 2					230	338	324								
	Larvae 3							12	308	325	279	308	253	133	114	60
	Pupae										38	12	76	163	181	253
R2	Egg	Inoc.	500	500												
	Larvae 1				320	144										
	Larvae 2					147	307	303								
	Larvae 3							29	321	349	307	276	235	250	82	25
	Pupae										7	21	90	82	218	262
R3	Egg	Inoc.	500	500												
	Larvae 1				247	159										
	Larvae 2					164	238	287								
	Larvae 3							16	330	357	302	347	212	212	147	31
	Pupae										13	4	82	120	142	236
Grand Total	Egg		1500	1070												
	Larvae 1			301	909	418										
	Larvae 2					541	883	914								
	Larvae 3							57	959	1031	888	931	700	595	343	116
	Pupae										58	37	248	365	541	751

Table 2 Development ratios of the Mediterranean fruit fly *C. capitata* in pomegranate fruit *Punica granatum* at 26.7° C and 59.5% relative humidity

Days of the week	Immature stages (%)					Total (%)
	Eggs	Larvae 1	Larvae 2	Larvae 3	Pupa	
0	Inoculation					
1	1500					1500
	100					
2	1070	301				1371
	78.05	21.95				
3		909				909
		100				
4		418	541			959
		43.59	56.41			
5			883			883
			100			
6			914	57		971
			94.13	5.87		
7				959		959
				100		
8				1031		1031
				100		
9				888	58	946
				93.87	6.13	
10				931	37	968
				96.18	3.82	
11				700	248	948
				73.84	26.16	
12				595	365	960
				61.98	38.02	
13				343	541	884
				38.80	61.20	
14				116	751	867
				13.38	86.62	

