



REPORTS OF INDICATORS FOR SURVEILLANCE / ERADICATION / FRUITY FLY PROGRAM / PHITOSANITARY SUBDEPARTMENT / PLANT  
 COUNTY: LAMPA - CITY: SANTIAGO - REGION: METROPOLITAN

WEEKS / REPORTS #	25-03-19 TO 31-03-19 # 1	01-04-19 TO 07-04-19 # 2	08-04-19 TO 14-04-19 # 3	15-04-19 TO 21-04-19 # 4	22-04-19 TO 28-04-19 # 5	29-04-19 TO 05-05-19 # 6	06-05-19 TO 12-05-19 # 7	13-05-19 TO 19-05-19 # 8	20-05-19 TO 26-05-19 # 9	27-05-19 TO 02-06-19 # 10	03-06-19 TO 09-06-19 # 11	10-06-19 TO 16-06-19 # 12	17-06-19 TO 23-06-19 # 13	24-06-19 TO 30-06-19 # 14	01-07-19 TO 07-07-19 # 15	08-07-19 TO 14-07-19 # 16	15-07-19 TO 21-07-19 # 17	22-07-19 TO 28-07-19 # 18	29-07-19 TO 04-08-19 # 19	
<b>ADULTS DETECTION</b>																				
DATE FIRST DETECTION	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019
DATE LAST DETECTION	30/03/2019	04/04/2019	11/04/2019	18/04/2019	25/04/2019	03/05/2019	11/05/2019	17/05/2019	20/05/2019	31/05/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019
N° TOTAL DETECTIONS	16	26	84	115	137	156	169	174	175	176	177	177	177	177	177	177	177	177	177	177
N° WEEK SINCE LAST DETECTION	0	0	0	0	0	0	0	0	0	0	0	1	2	3	4	5	6	7	8	
N° OF TRAPS AT WORKING AREA	306	555	634	676	689	713	872	1251	1271	1308	1315	1360	1360	1406	1411	1419	1421	952	939	
N° OF TRAPS INFECTION	156	959	1595	2356	3292	4198	5302	6698	8411	10048	12022	13525	15610	17396	19120	21253	22722	24372	25583	
INSPECTION FREQUENCY	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK
<b>DETECTION OF INMATURE STAGE</b>																				
FIRST LARVAL FOCI	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019
LAST LARVAL FOCI	30/03/2019	04/04/2019	04/04/2019	14/04/2019	24/04/2019	02/05/2019	10/05/2019	15/05/2019	15/05/2019	15/05/2019	15/05/2019	15/05/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019
N° OF DETECTED LARVAL FOCIS	10	15	15	17	18	21	23	24	24	24	24	24	26	26	26	26	26	26	26	26
N° OF WEEKS SINCE LAST LARVAL FOCI	0	0	1	0	0	0	0	1	2	3	4	0	1	2	3	4	5	6	7	8
N° OF PLACES VISITED	273	705	984	1062	1596	1889	2214	2693	2946	3196	3541	3809	4201	4569	4790	5047	5341	5556	5625	
N° OF PLACES WITH FRUIT SAMPLES	195	516	654	743	815	864	1050	1369	1531	1671	1831	1990	2209	2498	2594	2791	2886	3034	3090	
N° FRUIT SAMPLE ANALYZED	710	1647	2417	2861	4770	6609	8727	11184	12742	14140	15972	17939	19123	20589	21398	22567	22993	23429	23917	
N° OF FRUIT UNITS ANALYZED	14512	27460	39247	46834	73711	110996	163613	240815	284631	313702	373500	405799	429745	453048	462568	480073	486669	492241	498400	
N° FRUIT KILOS ANALYZED	327 Kg	741 Kg	1141 Kg	1348 Kg	2238 Kg	3161 Kg	4632Kg	6035Kg	7036Kg	7945Kg	9102	10386	11207	12174	12851	13762	14081	14440	14777	
N° FRUIT SPECIES ANALYZED	34	56	59	61	66	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
UNITS OF INFESTED FRUIT	20	33	33	37	38	45	50	51	51	51	51	51	60	60	60	60	60	60	60	60
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,13	0,12	0,08	0,08	0,05	0,04	0,03	0,02	0,017	0,016	0,013	0,013	0,013	0,013	0,013	0,012	0,012	0,012	0,012	0,012
N° OF FRUIT SPECIES INFESTED	3	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6
<b>CONTROL FOR INMATURE STAGES AND ADULTS</b>																				
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	99	249	603	873	1.971	2.154	2.252	2.377	2.377	2.417	2.547	2.567	2.587	2.587	2.617	2.617	2.617	2.617	2.617	2.617
N° OF PLACES WITH SOIL TREATMENT	7	37	41	49	56	68	96	127	155	170	216	246	317	417	577	733	773	856	900	
SQUARE MTS2 OF SOIL TREATMENT	195	877	3181	5911	8657	11289	141025	17122	21608	23042	26452	28526	31323	33008	39319	47080	52527	58883	63557	
LITERS OF DZN APPLIED	2.700	14.180	33.690	50.530	136.680	139.760	182.451	226.581	260.911	286.961	334.741	363.258	405.612	435.547	493.757	572.308	618.208	666.243	721.263	
KILOS OF FRUIT STRIPPED	884	3074	5110	5605	12990	14520	172250	191019	21642	22708	23927	25016	26343	28510	29369	29778	29970	30116	30521	
N° OF FRUIT SPECIES STRIPPED	17	36	36	36	36	36	36	36	36	36	36	38	38	41	41	41	41	41	41	43
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>																				
FIRST CYCLE	8,60 D*	49,7 D*	20,4 D*	24,6 D*	23,7 D*	23,1 D*	11,12 D*	8,6 D*	12,31 D*	9,58 D*	29,11 D*	41,00 D*	13,4 D*	13,4 D*	24,15 D*	40,58 D*	58,6 D*	68,04 D*	101,8 D*	
SECOND CYCLE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
THIRD CYCLE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

(1):Units of fruit infested versus units of fruit analyzed



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COUNTY: LAMPA - CITY: SANTIAGO - REGION: METROPOLITAN

WEEKS / REPORTS #	05-08-19 TO 11-08-19 # 20	12-08-19 TO 18-08-19 # 21	19-08-19 TO 25-08-19 # 22	26-08-19 TO 01-09-19 # 23	02-09-19 TO 08-09-19 # 24	09-09-19 TO 15-09-19 # 25	16-09-19 TO 22-09-19 # 26	23-09-19 TO 29-09-19 # 27	30-09-19 TO 06-10-19 # 28	07-10-19 TO 13-10-19 # 29	14-10-19 TO 20-10-19 # 30	21-10-19 TO 27-10-19 # 31	28-10-19 TO 03-11-19 # 32	04-11-19 TO 10-11-19 # 33	11-11-19 TO 17-11-19 # 34	18-11-19 TO 24-11-19 # 35	25-11-19 TO 01-12-19 # 36	02-12-19 TO 08-12-19 # 37	09-12-19 TO 15-12-19 # 38	
<b>ITEMS /WORKS</b>																				
<b>ADULTS DETECTION</b>																				
DATE FIRST DETECTION	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019
DATE LAST DETECTION	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019	03/06/2019
N° TOTAL DETECTIONS	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177
N° WEEK SINCE LAST DETECTION	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	27
N° OF TRAPS AT WORKING AREA	939	939	932	932	932	932	932	932	931	932	948	948	948	940	940	944	944	944	944	944
N° OF TRAPS INSPECTION	26446	27460	28587	29538	30779	31789	32263	33458	34205	34848	35645	36197	36919	37779	38518	39301	40174	40933	41724	41724
INSPECTION FRECUENCY	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	ONCE PER WEEK	ONCE PER WEEK	ONCE PER WEEK	ONCE PER WEEK	ONCE PER WEEK	ONCE PER WEEK	ONCE PER WEEK	ONCE PER WEEK	ONCE PER WEEK	ONCE PER WEEK	ONCE PER WEEK	ONCE PER WEEK
<b>DETECTION OF INMATURE STAGE</b>																				
FIRST LARVAL FOCI	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019	25/03/2019
LAST LARVAL FOCI	19/06/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019	19/06/2019
N° OF DETECTED LARVAL FOCIS	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
N° OF WEEKS SINCE LAST LARVAL FOCI	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	25
N° OF PLACES VISITED	5740	5784	5786	5786	5786	5786	5786	5892	5912	5912	5953	5968	5968	5968	6064	6408	6501	6688	6706	6706
N° OF PLACES WITH FRUIT SAMPLES	3128	3139	3139	3139	3139	3139	3139	3144	3145	3145	3156	3160	3160	3160	3176	3258	3281	3357	3366	3366
N° FRUIT SAMPLE ANALYZED	24085	24174	24174	24174	24174	24174	24174	24180	24184	24184	24204	24211	24211	24211	24222	24247	24544	24642	24858	24858
N° OF FRUIT UNITS ANALYZED	501760	503261	503261	503261	503261	503261	503261	503416	503430	503430	503646	503825	503825	503825	504041	504511	509552	511497	515480	515480
N° FRUIT KILOS ANALYZED	14873	14918	14918	14918	14918	14918	14918	14921	14925	14925	14937	14940	14940	14940	14944	14984	15051	15084	15159	15159
N° FRUIT SPECIES ANALYZED	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
UNITS OF INFESTED FRUIT	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,012	0,012	0,012	0,012	0,012	0,012	0,012	0,012	0,012	0,012	0,012	0,012	0,012	0,012	0,012	0,012	0,012	0,012	0,012	0,012
N° OF FRUIT SPECIES INFESTED	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
<b>CONTROL FOR INMATURE STAGES AND ADULTS</b>																				
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	2.617	2.617	2.617	2.617	2.617	2.617	2.617	2.617	2.617	2.617	2.617	2.617	2.617	2.617	2.617	2.617	2.617	2.617	2.617	2.617
N° OF PLACES WITH SOIL TREATMENT	1011	1063	1116	1117	1117	1117	1117	1117	1117	1117	1117	1117	1117	1117	1117	1117	1117	1117	1117	1117
SQUARE MTS2 OF SOIL TREATMENT	68508	73177	73885	73889	73889	73889	73889	73889	73889	73889	73889	73889	73889	73889	73889	73889	73889	73889	73889	73889
LITERS OF DZN APPLIED	773.648	806.578	812.954	812.984	812.984	812.984	812.984	812.984	812.984	812.984	812.984	812.984	812.984	812.984	812.984	812.984	812.984	812.984	812.984	812.984
KILOS OF FRUIT STRIPPED	31123	31644	32511	32511	32511	32511	32511	32511	32511	32511	32511	32511	32511	32511	32511	32511	32511	32511	32511	32511
N° OF FRUIT SPECIES STRIPPED	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>																				
FIRST CYCLE	111,6 D°	134,5 D°	163,7 D°	209,6 D°	251,02 D°	281,59 D°	320,68 D°	327,6 D° PLUS 5 DAYS OVIPOSITION	327,6 D° PLUS 10 DAYS OVIPOSITION											
SECOND CYCLE									17,45 D°	92,79 D°	141,98 D°	210,29 D°	276,51 D°	345,1 D° PLUS 1 DAYS OVIPOSITION	345,1 D° PLUS 5 DAYS OVIPOSITION					
THIRD CYCLE															44,67 D°	135,25 D°	223,78 D°	322,41 D°	335,87 D° PLUS 6 DAYS OVIPOSITION	

(1):Units of fruit infested versus units of fruit analyzed



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**COUNTY: LAMPA - CITY: SANTIAGO - REGION: METROPOLITAN**

WEEKS / REPORTS #	16-12-19 TO 19-12-19 #39
<b>ITEMS /WORKS</b>	
<b>ADULTS DETECTION</b>	
DATE FIRST DETECTION	25/03/2019
DATE LAST DETECTION	03/06/2019
N° TOTAL DETECTIONS	177
N° WEEK SINCE LAST DETECTION	28
N° OF TRAPS AT WORKING AREA	944
N° OF TRAPS INPECTION	42607
INSPECTION FRECUENCY	ONCE PER WEEK
<b>DETECTION OF INMATURE STAGE</b>	
FIRST LARVAL FOCI	25/03/2019
LAST LARVAL FOCI	19/06/2019
N° OF DETECTED LARVAL FOCIS	26
N° OF WEEKS SINCE LAST LARVAL FOCI	26
N° OF PLACES VISITED	6724
N° OF PLACES WITH FRUIT SAMPLES	3378
N° FRUIT SAMPLE ANALYZED	24945
N° OF FRUIT UNITS ANALYZED	517744
N° FRUIT KILOS ANALYZED	15190
N° FRUIT SPECIES ANALYZED	68
UNITS OF INFESTED FRUIT	60
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,012
N° OF FRUIT SPECIES INFESTED	6
<b>CONTROL FOR INMATURE STAGES AND ADULTS</b>	
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	2.617
N° OF PLACES WITH SOIL TREATMENT	1117
SQUARE MTS2 OF SOIL TREATMENT	73889
LITERS OF DZN APPLIED	812.984
KILOS OF FRUIT STRIPPED	32511
N° OF FRUIT SPECIES STRIPPED	43
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>	
FIRST CYCLE	
SECOND CYCLE	
THIRD CYCLE	335,87 D° PLUS 10 DAYS OVIPOSITION

(1):Units of fruit infested versus units of fruit analyzed