



REPORTS OF INDICATORS FOR SURVEILLANCE / ERADICATION / FRUITY FLY PROGRAM/ PHITOSANITARY SUBDEPARTMENT / PLANT PROTECTION DIVISION / SAG

COUNTY: LAS CONDES - CITY: SANTIAGO - REGION: METROPOLITAN

WEEKS / REPORTS #	17-11-17 TO 19-11-17 # 1	20-11-17 TO 26-11-17 # 2	27-11-17 TO 03-12-17 # 3	04-12-17 TO 10-12-17 # 4	11-12-17 TO 17-12-17 # 5	18-12-17 TO 24-12-17 # 6	25-12-17 TO 31-12-17 # 7	01-01-18 TO 07-01-18 # 8	08-01-18 TO 14-01-18 # 9	15-01-18 TO 21-01-18 # 10	22-01-18 TO 28-01-18 # 11	29-01-18 TO 04-02-18 # 12	05-02-18 TO 11-02-18 # 13	FINISH FIRST CYCLE
ITEMS /WORKS														
ADULTS DETECTION														
DATE FIRST DETECTION	16/11/2017	16/11/2017	16/11/2017	16/11/2017	16/11/2017	16/11/2017	16/11/2017	16/11/2017	16/11/2017	16/11/2017	16/11/2017	16/11/2017	16/11/2017	16/11/2017
DATE LAST DETECTION	16/11/2017	16/11/2017	16/11/2017	16/11/2017	16/11/2017	19/12/2017	30/12/2017	30/12/2017	11/01/2018	11/01/2018	11/01/2018	11/01/2018	11/01/2018	11/01/2018
N° TOTAL DETECTIONS	1	1	1	1	1	2	6	6	7	7	7	7	7	7
N° WEEK SINCE LAST DETECTION	1	2	3	4	5	0	0	1	0	1	2	3	4	4
N° OF TRAPS AT WORKING AREA	201	659	910	910	863	979	979	1187	1492	1720	1740	1816	1832	1832
N° OF TRAPS INSPECTION	28	1155	2007	2905	4114	5466	6650	7873	9849	11753	13960	15735	17850	17850
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
DETECTION OF INMATURE STAGE														
FIRST LARVAL FOCI	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LAST LARVAL FOCI	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N° OF DETECTED LARVAL FOCIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N° OF WEEKS SINCE LAST LARVAL FOCI	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N° OF PLACES VISITED	83	185	185	185	185	329	1472	2634	3364	5379	6906	8963	13884	13884
Nº OF PLACES WITH FRUIT SAMPLES	22	45	45	45	45	70	70	106	167	272	379	493	752	752
N° FRUIT SAMPLE ANALYZED	29	127	127	127	127	395	939	2005	2377	2746	3683	4467	6056	6056
Nº OF FRUIT UNITS ANALYZED	334	2370	2370	2370	2370	2380	19660	51976	61089	71167	91267	107972	147349	147349
N° FRUIT KILOS ANALYZED	30,66	92,87 kgs	92,87 kgs	92,87 kgs	92,87 kgs	100,5 kgs	491,23 kgs	844,72 kgs	970,42 kgs	1086,02 kgs	1356,59 kgs	1684,36 kgs	2177 kgs	2177 kgs
N° FRUIT SPECIES ANALYZED	2	9	9	9	9	11	17	17	30	40	40	40	51	51
UNITS OF INFESTED FRUIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACCUMULATIVE INFECTION PERCENTAGE (1)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N° OF FRUIT SPECIES INFESTED	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTROL FOR INMATURE STAGES AND ADULTS														
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	0	0	0	0	0	0	97 lts.	1361 lts.	2712 lts.	3752 lts.	5296 lts.	6376 lts.	8112 lts.	8112 lts.
N° OF PLACES WITH SOIL TREATMENT	0	0	0	0	0	0	3	3	29	57	90	141	181	181
SQUARE MTS2 OF SOIL TREATMENT	0	0	0	0	0	0	196	196	853	1424	2023	2818	3455	3455
LITERS OF DZN APPLIED	0	0	0	0	0	0	2600 lts.	2851 lts.	13181 lts.	21251 lts.	29539 lts.	41059 lts.	49311 lts.	49311 lts.
KILOS OF FRUIT STRIPPED	0	0	0	0	0	0	58	242,4	1222	1557	1916	2285	2470	2470
N° OF FRUIT SPECIES STRIPPED	0	0	0	0	0	0	4	5	12	14	15	15	15	15
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS														
FIRST CYCLE	31,42 D°	111,94 D°	196,1 D°	307,41 D°	336,35 D° plus 5 days oviposition	56,3 D°	12,78 D°	111,03 D°	36,16 D°	122,52 D°	243,75 D°	339,61 D° plus 2 days oviposition	339,61 D° plus 5 days oviposition	57,20 D°
SECOND CYCLE
THIRD CYCLE

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



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WEEKS / REPORTS #	12-02-18 TO 18-02-18 # 14	19-02-18 TO 25-02-18 # 15	26-02-18 TO 04-03-18 # 16	05-03-18 TO 11-03-18 # 17	FINISH SECOND CYCLE	12-03-18 TO 18-03-18 # 18	19-03-18 TO 25-03-18 # 19	26-03-18 TO 01-04-18 # 20	02-04-18 TO 08-04-18 # 21	09-04-18 TO 12-04-18 # 22
ITEMS /WORKS										
ADULTS DETECTION										
DATE FIRST DETECTION	16/11/2017	16/11/2017	16/11/2017	16/11/2017		16/11/2017	16/11/2017	16/11/2017	16/11/2017	16/11/2017
DATE LAST DETECTION	11/01/2018	11/01/2018	11/01/2018	11/01/2018		11/01/2018	11/01/2018	11/01/2018	11/01/2018	11/01/2018
N° TOTAL DETECTIONS	7	7	7	7		7	7	7	7	7
N° WEEK SINCE LAST DETECTION	5	6	7	8		9	10	11	12	13
N° OF TRAPS AT WORKING AREA	1834	1834	1834	1834		1160	1160	1160	1160	1160
N° OF TRAPS INSPECTION	19732	21191	22534	24123		25047	26026	26455	27433	27433
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
DETECTION OF INMATURE STAGE										
FIRST LARVAL FOCI	0	0	0	0		0	0	0	0	0
LAST LARVAL FOCI	0	0	0	0		0	0	0	0	0
N° OF DETECTED LARVAL FOCIS	0	0	0	0		0	0	0	0	0
N° OF WEEKS SINCE LAST LARVAL FOCI	0	0	0	0		0	0	0	0	0
N° OF PLACES VISITED	17073	18809	20285	21092		21256	21554	21559	21829	21829
N° OF PLACES WITH FRUIT SAMPLES	877	1027	1147	1225		1241	1246	1248	1248	1248
N° FRUIT SAMPLE ANALYZED	7145	7730	8639	8872		8886	8895	8898	8900	8900
N° OF FRUIT UNITS ANALYZED	168319	181333	197596	201702		201761	201834	201995	202001	202001
N° FRUIT KILOS ANALYZED	2474 kgs	2635 kgs	2941 kgs	2997 kgs		3001 kgs	3009 kgs	3009 kgs	3009 kgs	3009 kgs
N° FRUIT SPECIES ANALYZED	55	56	58	58		58	58	59	59	59
UNITS OF INFESTED FRUIT	0	0	0	0		0	0	0	0	0
ACCUMULATIVE INFECTION PERCENTAGE (1)	0	0	0	0		0	0	0	0	0
N° OF FRUIT SPECIES INFESTED	0	0	0	0		0	0	0	0	0
CONTROL FOR INMATURE STAGES AND ADULTS										
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	9144 lts.	9244 lts.	9244 lts.	9244 lts.		9244 lts.	9244 lts.	9244 lts.	9244 lts.	9244 lts.
N° OF PLACES WITH SOIL TREATMENT	181	224	266	312		312	312	312	312	312
SQUARE MTS2 OF SOIL TREATMENT	3455	4038	4775	5476		5476	5476	5476	5476	5476
LITERS OF DZN APPLIED	49311 lts.	57425 lts.	68153 lts.	77756 lts.		77756 lts.	77756 lts.	77756 lts.	77756 lts.	77756 lts.
KILOS OF FRUIT STRIPPED	2470	2996	3965	4142		4348	4348	4348	4348	4348
N° OF FRUIT SPECIES STRIPPED	15	15	15	15		15	15	15	15	15
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS										
FIRST CYCLE	-----	-----	-----	-----		-----	-----	-----	-----	-----
SECOND CYCLE	155,86 D°	281,68 D°	342,84 D° plus 3 days oviposition	342,84 D° plus 5 days oviposition	FINISH SECOND CYCLE	-----	-----	-----	-----	-----
THIRD CYCLE	54,37 D°		126,82 D°	213,46 D°	315,5 D°	328,67 D° plus 6 days oviposition	328,67 D° plus 10 days oviposition OUTBREAK FINISHED

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