



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

COUNTY: PUDAHUEL - CITY: SANTIAGO - REGION: METROPOLITANA

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WEEKS / REPORTS #	04-04-22 TO 10-04-22 # 1	11-04-22 TO 17-04-22 # 2	18-04-22 TO 24-04-22 # 3	25-04-22 TO 01-05-22 # 4	02-05-22 TO 08-05-22 # 5	09-05-22 TO 15-05-22 # 6	16-05-22 TO 22-05-22 # 7	23-05-22 TO 29-05-22 # 8	30-05-22 TO 05-22 # 9	06-06-22 TO 12-06-22 # 10	13-06-22 TO 19-06-22 # 11	20-06-22 TO 26-06-22 # 12	27-06-22 TO 03-07-22 # 13
ITEMS /WORKS													
ADULTS DETECTION													
DATE FIRST DETECTION	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022
DATE LAST DETECTION	09-04-2022	11-04-2022	11-04-2022	11-04-2022	11-04-2022	11-04-2022	11-04-2022	11-04-2022	25-05-2022	25-05-2022	25-05-2022	25-05-2022	25-05-2022
N° TOTAL DETECTIONS	2	3	3	3	3	3	3	5	5	5	5	5	5
N° WEEK SINCE LAST DETECTION	0	0	1	2	3	4	5	0	1	2	3	4	5
N° OF TRAPS AT WORKING AREA	27	79	79	79	130	130	130	132	148	148	148	150	150
N° OF TRAPS INSPECTION	27	170	325	536	743	946	946	1106	1261	1472	1644	1786	1956
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	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK
DETECTION OF INMATURE STAGE													
FIRST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
LAST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF DETECTED LARVAL FOCIS	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF WEEKS SINCE LAST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF PLACES VISITED	.....	9	80	91	205	664	929	1095	1263	1393	1418	1443	1511
N° OF PLACES WITH FRUIT SAMPLES	.....	6	30	41	49	165	211	245	302	338	350	353	389
N° FRUIT SAMPLE ANALYZED	.....	30	101	358	671	814	949	1125	1342	1538	1711	1731	1741
N° OF FRUIT UNITS ANALYZED	.....	207	1399	6322	10381	11907	13661	16152	18380	20440	22252	22389	22486
N° FRUIT KILOS ANALYZED	.....	16,3	54,68	278,639	475,69	548,83	636,679	774,019	910,259	1087,479	1232,749	1244,909	1252,279
N° FRUIT SPECIES ANALYZED	.....	5	7	19	25	29	30	30	30	32	33	33	33
UNITS OF INFESTED FRUIT	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
ACCUMULATIVE INFECTION PERCENTAGE (1)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF FRUIT SPECIES INFESTED	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
CONTROL FOR INMATURE STAGES AND ADULTS													
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	.....	33,25	54,25	80,5	105,5	131,5	139,5	147,5	153	158,5	158,5	164	169,5
N° OF PLACES WITH SOIL TREATMENT	.....	.....	3	3	3	4	4	6	8	13	19	24	24
SQUARE MTS2 OF SOIL TREATMENT	.....	.....	30	84	84	264	264	1689	1724	2299	2525	2600	2640
LITERS OF DZN APPLIED	.....	.....	1000	1340	1340	3540	3740	10965	11705	22065	24725	26015	26415
KILOS OF FRUIT STRIPPED	.....	.....	104	663	1113	2240	2344,5	2537,8	2727,3	2952,8	3215,8	3255,3	3382,3
N° OF FRUIT SPECIES STRIPPED	.....	.....	4	7	7	9	9	13	13	16	16	16	16
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS													
FIRST CYCLE	15,13°D	62,56°D	96,63°D	130,01°D	166,85°D	198,06°D	217,75°D	32,36°D	37,33°D	49,39°D	50,54°D	50,54°D	52,67°D
SECOND CYCLE
THIRD CYCLE

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



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WEEKS / REPORTS #	04-07-22 TO 10-07-22 # 14	11-07-22 TO 17-07-22 # 15	18-07-22 TO 24-07-22 # 16	25-07-22 TO 31-07-22 # 17	01-08-22 TO 07-08-22 # 18	08-08-22 TO 14-08-22 # 19	15-08-22 TO 21-08-22 # 20	22-08-22 TO 28-08-22 # 21	29-08-22 TO 04-09-22 # 22	05-09-22 TO 11-09-22 # 23	12-09-22 TO 18-09-22 # 24	19-09-22 TO 25-09-22 # 25	26-09-22 TO 02-10-22 # 26
ITEMS /WORKS													
ADULTS DETECTION													
DATE FIRST DETECTION	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022
DATE LAST DETECTION	25-05-2022	25-05-2022	25-05-2022	25-05-2022	25-05-2022	25-05-2022	25-05-2022	25-05-2022	25-05-2022	25-05-2022	25-05-2022	25-05-2022	25-05-2022
N° TOTAL DETECTIONS	5	5	5	5	5	5	5	5	5	5	5	5	5
N° WEEK SINCE LAST DETECTION	6	7	8	9	10	11	12	13	14	15	16	17	18
N° OF TRAPS AT WORKING AREA	150	150	150	150	151	151	151	151	151	151	151	150	150
N° OF TRAPS INSPECTION	2170	2271	2480	2655	2800	2975	3177	3342	3554	3699	3799	3868	4008
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	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK
DETECTION OF INMATURE STAGE													
FIRST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
LAST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF DETECTED LARVAL FOCIS	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF WEEKS SINCE LAST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF PLACES VISITED	1625	1629	1629	1735	1735	1735	1735	1735	1769	1769	1793	1793	1793
N° OF PLACES WITH FRUIT SAMPLES	413	416	416	445	445	445	445	445	451	451	461	461	461
N° FRUIT SAMPLE ANALYZED	1842	1845	1896	1945	2022	2022	2022	2022	2034	2034	2068	2068	2068
N° OF FRUIT UNITS ANALYZED	23545	23595	24080	24537	25457	25457	25457	25457	25557	25557	25919	25919	25919
N° FRUIT KILOS ANALYZED	1327,369	1331,079	1370,59	1393,799	1454,689	1454,689	1454,689	1454,689	1458,909	1458,909	1482,639	1482,639	1482,639
N° FRUIT SPECIES ANALYZED	33	33	34	34	34	34	34	34	34	34	34	34	34
UNITS OF INFESTED FRUIT	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
ACCUMULATIVE INFECTION PERCENTAGE (1)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF FRUIT SPECIES INFESTED	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
CONTROL FOR INMATURE STAGES AND ADULTS													
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	175	175	182	182	199,5	199,5	208,25	217	217	224	224	232,75	259
N° OF PLACES WITH SOIL TREATMENT	30	30	30	30	30	30	30	31	31	31	31	31	31
SQUARE MTS2 OF SOIL TREATMENT	2769	2769	2769	2769	2769	2769	2769	2769	2769	2769	2769	2769	2769
LITERS OF DZN APPLIED	27815	27815	27815	27815	27815	27815	27815	27815	27815	27815	27815	27815	27815
KILOS OF FRUIT STRIPPED	3723,8	3723,8	3723,8	3723,8	3723,8	3723,8	3723,8	3748,8	3748,8	3748,8	3748,8	3748,8	3748,8
N° OF FRUIT SPECIES STRIPPED	16	16	16	16	16	16	16	16	16	16	16	16	16
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS													
FIRST CYCLE	52,73°D	53,02°D	59,21°D	61,94°D	63,2°D	68,88°D	82,03°D	105,23°D	124,13°D	139,28°D	155,73°D	172,58°D	206,13°D
SECOND CYCLE
THIRD CYCLE

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



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WEEKS / REPORTS #	03-10-22 TO 09-10-22 # 27	10-10-22 TO 16-10-22 # 28	17-10-22 TO 23-10-22 # 29	24-10-22 TO 30-10-22 # 30	31-10-22 TO 06-11-22 # 31	07-11-22 TO 13-11-22 # 32	14-11-22 TO 20-11-22 # 33	21-11-22 TO 27-11-22 # 34	28-11-22 TO 04-12-22 # 35	05-12-22 TO 11-12-22 # 36	12-12-22 TO 18-12-22 # 37	19-12-22 TO 25-12-22 # 38	26-12-22 TO 31-12-22 # 39
ITEMS /WORKS													
ADULTS DETECTION													
DATE FIRST DETECTION	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022	04-04-2022
DATE LAST DETECTION	25-05-2022	25-05-2022	25-05-2022	25-05-2022	25-05-2022	25-05-2022	25-05-2022	25-05-2022	25-05-2022	25-05-2022	25-05-2022	25-05-2022	25-05-2022
N° TOTAL DETECTIONS	5	5	5	5	5	5	5	5	5	5	5	5	5
N° WEEK SINCE LAST DETECTION	19	20	21	22	23	24	25	26	27	28	29	30	31
N° OF TRAPS AT WORKING AREA	150	150	150	150	150	150	150	150	150	150	150	150	150
N° OF TRAPS INSPECTION	4073	4214	4316	4459	4494	4635	4637	4714	4781	4815	4906	5047	5083
INSPECTION FREQUENCY	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK
DETECTION OF INMATURE STAGE													
FIRST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
LAST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF DETECTED LARVAL FOCIS	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF WEEKS SINCE LAST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF PLACES VISITED	1793	1793	1793	1793	1793	1793	1793	1960	1960	1960	1960	1960	1960
N° OF PLACES WITH FRUIT SAMPLES	461	461	461	461	461	461	461	487	487	487	487	487	487
N° FRUIT SAMPLE ANALYZED	2070	2070	2070	2070	2070	2070	2070	2081	2089	2089	2089	2089	2089
N° OF FRUIT UNITS ANALYZED	25926	25926	25926	25926	25926	25926	25926	26047	26099	26099	26099	26099	26099
N° FRUIT KILOS ANALYZED	1483,229	1483,229	1483,229	1483,229	1483,229	1483,229	1483,229	1485,169	1486,869	1486,869	1486,869	1486,869	1486,869
N° FRUIT SPECIES ANALYZED	34	34	34	34	34	34	34	35	36	36	36	36	36
UNITS OF INFESTED FRUIT	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
ACCUMULATIVE INFECTION PERCENTAGE (1)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF FRUIT SPECIES INFESTED	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
CONTROL FOR INMATURE STAGES AND ADULTS													
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	285,25	306,25	327,25	327,25	327,25	327,25	327,25	327,25	327,25	327,25	327,25	327,25	327,25
N° OF PLACES WITH SOIL TREATMENT	32	32	32	32	32	32	32	32	32	32	32	32	32
SQUARE MTS2 OF SOIL TREATMENT	2773	2773	2773	2773	2773	2773	2773	2773	2773	2773	2773	2773	2773
LITERS OF DZN APPLIED	27855	27855	27855	27855	27855	27855	27855	27855	27855	27855	27855	27855	27855
KILOS OF FRUIT STRIPPED	3749,3	3749,3	3749,3	3749,3	3749,3	3749,3	3749,3	3749,3	3749,3	3749,3	3749,3	3749,3	3749,3
N° OF FRUIT SPECIES STRIPPED	16	16	16	16	16	16	16	16	16	16	16	16	16
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS													
FIRST CYCLE	241,13°D	284,28°D	330,58°D PLUS 1 DAY ADULT	330,58°D PLUS 5 ADULT DAYS									
SECOND CYCLE	.....	.....	.....	20,30°D	75,75°D	118°D	229,5°D	348,65°D PLUS 1 ADULT DAY	348,65°D PLUS 5 ADULT DAYS				
THIRD CYCLE	.....	.....	.....	.....	.....	.....	.....	.....	36,10°D	132,95°D	277,5°D	342,75°D PLUS 4 ADULT DAYS	342,75°D PLUS 10 ADULT DAYS. END PUDAHUEL- NOVIADO OUTBREAK