



REPORTS OF INDICATORS FOR SURVEILLANCE / ERADICATION / FRUIY FLY PROGRAM/ PHITOSANITARY SUBDEPARTMENT / PLANT PROTECTION DIVISION / SAG
COUNTY: PROVIDENCIA - CITY: SANTIAGO - REGION: METROPOLITANA

WEEKS / REPORTS #	19-04-22 TO 24-04-22 # 1	25-04-22 TO 01-05-22 # 2	02-05-22 TO 08-05-22 # 3	09-05-22 TO 15-05-22 # 4	16-05-22 TO 22-05-22 # 5	23-05-22 TO 29-05-22 # 6	30-05-22 TO 05-06-22 # 7	06-06-22 TO 12-06-22 # 8	13-06-22 TO 19-06-22 # 9	20-06-22 TO 26-06-22 # 10	27-06-22 TO 03-07-22 # 11	04-07-22 TO 10-07-22 # 12	11-07-22 TO 17-07-22 # 13
ITEMS /WORKS													
ADULTS DETECTION													
DATE FIRST DETECTION	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022
DATE LAST DETECTION	19-04-2022	19-04-2022	19-04-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022
N° TOTAL DETECTIONS	2	2	2	3	3	3	3	3	3	3	3	3	3
N° WEEK SINCE LAST DETECTION	0	1	2	0	1	2	3	4	5	6	7	8	9
N° OF TRAPS AT WORKING AREA	390	428	546	613	740	826	870	899	885	895	892	916	919
N° OF TRAPS INPECTION	273	645	1167	1564	2447	3413	4259	5156	6155	7008	7725	8726	9794
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
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	0	84	94	94	217	558	785	1132	1472	1627	1891	2108	2205
N° OF PLACES WITH FRUIT SAMPLES	0	30	33	33	46	119	153	204	251	294	334	373	385
N° FRUIT SAMPLE ANALYZED	0	13	87	87	211	394	532	739	859	975	1095	1218	1364
N° OF FRUIT UNITS ANALYZED	0	284	2437	2437	3878	5652	7029	9619	10420	11162	11994	13245	14717
N° FRUIT KILOS ANALYZED	0	12,45	59,58	62,61	109,558	163,228	225,368	303,898	357,068	396,158	428,868	465,068	525,208
N° FRUIT SPECIES ANALYZED	0	13	13	13	19	19	19	25	25	25	25	25	25
UNITS OF INFESTED FRUIT	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
N° OF FRUIT SPECIES INFESTED	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	0	0	29	64	72	102	102
N° OF PLACES WITH SOIL TREATMENT	0	1	1	1	1	4	29	77	111	118	156	243	377
SQUARE MTS2 OF SOIL TREATMENT	0	16	16	16	16	65	70	70	70	70	70	70	90
LITERS OF DZN APPLIED	0	200	200	200	200	800	1050	1050	1050	1050	1050	1050	1110
KILOS OF FRUIT STRIPPED	0	80	80	80	80	415	1152	2565	4167	4779	5618	6180	7187
N° OF FRUIT SPECIES STRIPPED	0	2	2	2	2	3	8	12	17	17	17	17	17
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS													
FIRST CYCLE	42,67°D	76,06°D	116,06°D	25,32°D	49,32°D	62,43°D	68,87°D	79,46°D	80,61°D	80,61°D	82,74°D	82,80°D	83,09°D
SECOND CYCLE
THIRD CYCLE

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



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WEEKS / REPORTS #	18-07-22 TO 24-07-22 # 14	25-07-22 TO 31-07-22 # 15	01-08-22 TO 07-08-22 # 16	08-08-22 TO 14-08-22 # 17	15-08-22 TO 21-08-22 # 18	22-08-22 TO 28- 08-22 # 19	29-08-22 TO 04-09-22 # 20	05-09-22 TO 11-09-22 # 21	12-09-22 TO 18-09-22 # 22	19-09-22 TO 25-09-22 # 23	26-09-22 TO 02-10-22 # 24	03-10-22 TO 09-10-22 # 25	10-10-22 TO 16-10-22 # 26
ITEMS /WORKS													
ADULTS DETECTION													
DATE FIRST DETECTION	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022
DATE LAST DETECTION	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022
N° TOTAL DETECTIONS	3	3	3	3	3	3	3	3	3	3	3	3	3
N° WEEK SINCE LAST DETECTION	10	11	12	13	14	15	16	17	18	19	20	21	22
N° OF TRAPS AT WORKING AREA	925	926	926	926	927	926	926	933	933	944	942	944	944
N° OF TRAPS INSPECTION	10738	11866	12783	13890	14828	15930	16191	17305	18170	19312	20337	21359	21933
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
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	2551	2843	3187	3870	4408	6290	6775	7256	7698	7698	7996	8113	8228
Nº OF PLACES WITH FRUIT SAMPLES	430	454	581	631	694	950	1241	1114	1225	1225	1289	1318	1337
N° FRUIT SAMPLE ANALYZED	1555	1708	1821	2134	2536	2926	3217	3289	3703	3703	3895	4000	4026
Nº OF FRUIT UNITS ANALYZED	15491	17141	18392	19913	22625	25472	26999	27581	27986	27986	28802	29557	29810
N° FRUIT KILOS ANALYZED	591,098	709,108	752,498	842,728	980,888	1097,518	1208,128	1229,408	1259,146	1268,976	1305,216	1333,776	1339,226
N° FRUIT SPECIES ANALYZED	25	25	25	25	25	27	27	27	27	27	27	27	27
UNITS OF INFESTED FRUIT	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
N° OF FRUIT SPECIES INFESTED	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTROL FOR INMATURE STAGES AND ADULTS													
LITERS OF INSECTICIDE APPLIED (SUCESS -GF/120)	170	216	276	296	320	320	350	350	361	385	406	470	470
N° OF PLACES WITH SOIL TREATMENT	473	602	617	725	818	896	965	995	1008	1016	1041	1162	1190
SQUARE MTS2 OF SOIL TREATMENT	90	90	90	90	90	90	90	90	90	90	90	90	90
LITERS OF DZN APPLIED	1110	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170
KILOS OF FRUIT STRIPPED	8129	8663	11277	12379	13082	15398	16636	16751	17376	19556	22256	24168	24873
N° OF FRUIT SPECIES STRIPPED	17	17	17	17	17	19	19	19	19	19	19	19	19
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS													
FIRST CYCLE	89,28°D	92,01°D	93,27°D	98,95°D	112,10°D	135,30°D	149,38°D	166,58°D	184,98°D	201,83°D	235,38°D	270,38°D	332,19°D
SECOND CYCLE
THIRD CYCLE

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

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Pag. 3

WEEKS / REPORTS #	17-10-22 TO 23-10-22 # 27	24-10-22 TO 30-10-22 # 28	31-10-22 TO 06-11-22 # 29	07-11-22 TO 11-22 # 30	14-11-22 TO 20-11-22 # 31	21-11-22 TO 11-22 # 32	27- 28-11-22 TO 04-12-22 # 33	05-12-22 TO 11-12-22 # 34	12-12-22 TO 18-12-22 # 35	19-12-22 TO 25-12-22 # 36	26-12-22 TO	31-12-22 # 37
ITEMS /WORKS												
ADULTS DETECTION												
DATE FIRST DETECTION	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022	23-03-2022
DATE LAST DETECTION	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022	11-05-2022
N° TOTAL DETECTIONS	3	3	3	3	3	3	3	3	3	3	3	3
N° WEEK SINCE LAST DETECTION	23	24	25	26	27	28	29	30	31	32	33	33
N° OF TRAPS AT WORKING AREA	943	943	943	943	943	942	942	942	942	942	942	780
N° OF TRAPS INPECTION	22391	23431	23431	24165	24783	25369	26120	26724	27500	28229	28773	28773
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
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	8322	8369	8369	8369	8369	8434	8436	8437	8437	8437	8437	8437
Nº OF PLACES WITH FRUIT SAMPLES	1360	1361	1361	1361	1361	1384	1387	1388	1388	1388	1388	1388
N° FRUIT SAMPLE ANALYZED	4102	4110	4110	4110	4110	4148	4149	4152	4152	4152	4152	4152
Nº OF FRUIT UNITS ANALYZED	30509	30575	30575	30575	30575	30962	30971	30988	30988	30988	30988	30988
N° FRUIT KILOS ANALYZED	1361,016	1363,326	1363,326	1363,326	1363,326	1368,466	1369,016	1370,386	1370,386	1370,386	1370,386	1370,386
N° FRUIT SPECIES ANALYZED	27	27	27	27	27	27	27	27	27	27	27	27
UNITS OF INFESTED FRUIT	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
N° OF FRUIT SPECIES INFESTED	0	0	0	0	0	0	0	0	0	0	0	0
CONTROL FOR INMATURE STAGES AND ADULTS												
LITERS OF INSECTICIDE APPLIED (SUCESS -GF/120)	502	502	502	502	502	502	502	502	502	502	502	502
N° OF PLACES WITH SOIL TREATMENT	1212	1473	1473	1473	1473	1473	1473	1475	1476	1476	1476	1476
SQUARE MTS2 OF SOIL TREATMENT	90	90	90	90	90	90	90	160	220	220	220	220
LITERS OF DZN APPLIED	1170	1170	1170	1170	1170	1170	1170	1870	2470	2470	2470	2470
KILOS OF FRUIT STRIPPED	26846	27322	27322	27322	27322	27322	27322	28357	28365,5	28365,5	28365,5	28365,5
N° OF FRUIT SPECIES STRIPPED	19	19	19	19	19	19	19	19	19	19	19	19
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS												
FIRST CYCLE	332,19°D PLUS 5 ADULT DAYS	332,19°D PLUS 10 ADULT DAYS										
SECOND CYCLE	.....	13,25°D	68,70°D	119,5°D	222,45°D	341,6°D PLUS 1 ADULT DAYS	341,6°D PLUS 5 ADULT DAYS					
THIRD CYCLE	.....	.....	.....	.....	.....	.....	36,10°D	132,95°D	277,5°D	340,7°D PLUS 4 ADULT DAYS	340,7°D PLUS 10 ADULT DAYS. END PROVIDENCIA-RECOLETA OUTBREAK	