

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

WEEKS / REPORTS #	10-05-22 TO 15-05-22 # 1	16-05-22 TO 22-05-22 # 2	23-05-22 TO 29-05-22 # 3	30-05-22 TO 05-06-22 # 4	06-06-22 TO 12-06-22 # 5	13-06-22 TO 19-06-22 # 6	20-06-22 TO 26-06-22 # 7	27-06-22 TO 03-07-22 # 8	04-07-22 TO 10-07-22 # 9	11-07-22 TO 17-07-22 # 10	18-07-22 TO 24-07-22 # 11	25-07-22 TO 31-07-22 # 12	01-08-22 TO 07-08-22 # 13
<b>ITEMS /WORKS</b>													
<b>ADULTS DETECTION</b>													
DATE FIRST DETECTION	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022
DATE LAST DETECTION	10-05-2022	10-05-2022	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	2	2	3	3	3	3	3	3	3	3	3	3	3
N° WEEK SINCE LAST DETECTION	0	1	0	1	2	3	4	5	6	7	8	9	10
N° OF TRAPS AT WORKING AREA	758	758	758	758	696	701	656	657	657	657	657	657	657
N° OF TRAPS INPECTION	513	1059	1491	2265	2899	3617	3966	4660	5349	6055	6821	7755	8564
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
<b>DETECTION OF INMATURE STAGE</b>													
FIRST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
LAST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF DETECTED LARVAL FOCIS	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF WEEKS SINCE LAST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF PLACES VISITED	828	828	945	945	2674	2675	3354	3632	3632	4092	4721	6004	6116
N° OF PLACES WITH FRUIT SAMPLES	110	110	158	158	297	297	316	333	333	357	401	499	500
N° FRUIT SAMPLE ANALYZED	276	276	290	290	302	629	629	693	729	729	799	826	930
N° OF FRUIT UNITS ANALYZED	3723	3723	3845	3845	4171	7367	7367	7682	7829	7829	8066	8178	8754
N° FRUIT KILOS ANALYZED	89,27	89,27	92,21	92,21	96,37	282,17	282,17	298,47	306,91	306,91	333,28	349,46	384,64
N° FRUIT SPECIES ANALYZED	15	15	15	15	23	32	32	34	34	34	34	34	35
UNITS OF INFESTED FRUIT	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
ACCUMULATIVE INFECTION PERCENTAGE (1)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF FRUIT SPECIES INFESTED	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>CONTROL FOR INMATURE STAGES AND ADULTS</b>													
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	30	30	38	43,5	50	50	55,5	61	66,5	66,5	73,5	73,5	94,5
N° OF PLACES WITH SOIL TREATMENT	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	2
SQUARE MTS2 OF SOIL TREATMENT	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	230	570	940
LITERS OF DZN APPLIED	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1900	3900	8100
KILOS OF FRUIT STRIPPED	.....	.....	.....	.....	.....	.....	40	40	540	890	1189,08	1219,08	1329,1
N° OF FRUIT SPECIES STRIPPED	.....	.....	.....	.....	.....	.....	1	1	1	1	6	6	6
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>													
FIRST CYCLE	27,6 °D	51,6°D	32,36°D	37,33°D	49,39°D	50,54°D	50,54°D	52,67°D	52,73°D	52,73°D	59,21°D	61,94°D	63,2°D
SECOND CYCLE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
THIRD CYCLE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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



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Pag. 2

WEEKS / REPORTS #	08-08-22 TO 14-08-22 # 14	15-08-22 TO 21-08-22 # 15	22-08-22 TO 28-08-22 # 16	29-08-22 TO 04-09-22 # 17	05-09-22 TO 09-22 # 18	11- 12-09-22 TO 18-09-22 # 19	19-09-22 TO 09-22 # 20	25- 26-09-22 TO 02-10-22 # 21	03-10-22 TO 09-10-22 # 22	10-10-22 TO 16-10-22 # 23	17-10-22 TO 23-10-22 # 24	24-10-22 TO 30-10-22 # 25	31-10-22 TO 06-11-22 # 26
<b>ITEMS /WORKS</b>													
<b>ADULTS DETECTION</b>													
DATE FIRST DETECTION	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022
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	3	3	3	3	3	3	3	3	3	3	3	3	3
N° WEEK SINCE LAST DETECTION	11	12	13	14	15	16	17	18	19	20	21	22	23
N° OF TRAPS AT WORKING AREA	657	657	657	657	659	659	659	659	659	659	659	659	659
N° OF TRAPS INPECTION	9460	10263	11169	11943	12701	13371	13937	14595	15155	15640	16216	16702	16948
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	ONCE A WEEK	ONCE A WEEK
<b>DETECTION OF INMATURE STAGE</b>													
FIRST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
LAST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF DETECTED LARVAL FOCIS	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF WEEKS SINCE LAST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF PLACES VISITED	6933	7622	8406	9186	9870	10346	11298	12265	12908	13504	14280	15035	15035
N° OF PLACES WITH FRUIT SAMPLES	539	572	613	662	727	761	811	918	989	1027	1095	1162	1162
N° FRUIT SAMPLE ANALYZED	959	1068	1146	1212	1367	1423	1493	1622	1786	1853	1927	2030	2038
Nº OF FRUIT UNITS ANALYZED	8967	9611	9995	10221	10867	11274	11528	12211	13524	13982	14641	17804	17967
N° FRUIT KILOS ANALYZED	398,12	452,208	477,368	496,278	624,965	644,115	675,275	713,885	776,245	806,195	838,415	932,455	934,565
N° FRUIT SPECIES ANALYZED	35	35	35	35	35	35	35	37	37	37	38	39	39
UNITS OF INFESTED FRUIT	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
ACCUMULATIVE INFECTION PERCENTAGE (1)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF FRUIT SPECIES INFESTED	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>CONTROL FOR INMATURE STAGES AND ADULTS</b>													
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	94,5	103,25	112	112	119	119	136,5	162,75	206,5	227,5	248,5	248,5	248,5
N° OF PLACES WITH SOIL TREATMENT	56	77	84	103	126	232	380	811	821	821	821	821	821
SQUARE MTS2 OF SOIL TREATMENT	1122	1202	1229	1304	1444	1509,5	1602,5	1706,5	1710,5	1710,5	1710,5	1710,5	1710,5
LITERS OF DZN APPLIED	9796	10531	10831	11311	12431	13181	14122	15002	15062	15062	15062	15062	15062
KILOS OF FRUIT STRIPPED	1725,03	2042,63	2184,23	2190,53	2272,73	2331,63	2392,53	2418,13	2418,13	2418,13	2418,13	2418,13	2418,13
N° OF FRUIT SPECIES STRIPPED	11	13	16	16	16	21	22	22	22	22	22	22	22
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>													
FIRST CYCLE	68,88°D	82,03°D	105,23°D	124,13°D	139,28°D	155,73°D	172,58°D	206,13°D	241,13°D	284,28°D	330,58°D PLUS 1 ADULT DAY	330,58°D PLUS 5 ADULT DAYS	
SECOND CYCLE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,30°D	75,75°D
THIRD CYCLE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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



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Pag. 3

WEEKS / REPORTS #	07-11-22 TO 13-11-22 # 27	14-11-22 TO 20-11-22 # 28	21-11-22 TO 27-11-22 # 29	28-11-22 TO 04-12-22 # 30	05-12-22 TO 12-22 # 31	12-12-22 TO 18-12-22 # 32	19-12-22 TO 25-12-22 # 33	26-12-22 TO 31-12-22 # 34
<b>ITEMS /WORKS</b>								
<b>ADULTS DETECTION</b>								
DATE FIRST DETECTION	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022	09-03-2022
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
N° TOTAL DETECTIONS	3	3	3	3	3	3	3	3
N° WEEK SINCE LAST DETECTION	24	25	26	27	28	29	30	31
N° OF TRAPS AT WORKING AREA	660	660	660	660	674	677	684	684
N° OF TRAPS INSPECTION	17375	17643	17838	18321	18585	19073	19638	20017
INSPECTION FREQUENCY	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK
<b>DETECTION OF INMATURE STAGE</b>								
FIRST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....
LAST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....
N° OF DETECTED LARVAL FOCIS	.....	.....	.....	.....	.....	.....	.....	.....
N° OF WEEKS SINCE LAST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....
N° OF PLACES VISITED	15035	15035	15035	15035	15035	15035	15035	15035
N° OF PLACES WITH FRUIT SAMPLES	1162	1162	1162	1162	1162	1162	1162	1162
N° FRUIT SAMPLE ANALYZED	2038	2038	2038	2038	2038	2038	2038	2038
N° OF FRUIT UNITS ANALYZED	17967	17967	17967	17967	17967	17967	17967	17967
N° FRUIT KILOS ANALYZED	934,565	934,565	934,565	934,565	934,565	934,565	934,565	934,565
N° FRUIT SPECIES ANALYZED	39	39	39	39	39	39	39	39
UNITS OF INFESTED FRUIT	.....	.....	.....	.....	.....	.....	.....	.....
ACCUMULATIVE INFECTION PERCENTAGE (1)	.....	.....	.....	.....	.....	.....	.....	.....
N° OF FRUIT SPECIES INFESTED	.....	.....	.....	.....	.....	.....	.....	.....
<b>CONTROL FOR INMATURE STAGES AND ADULTS</b>								
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	248,5	248,5	248,5	248,5	248,5	248,5	248,5	248,5
N° OF PLACES WITH SOIL TREATMENT	821	821	821	821	821	821	821	821
SQUARE MTS2 OF SOIL TREATMENT	1710,5	1710,5	1710,5	1710,5	1710,5	1710,5	1710,5	1710,5
LITERS OF DZN APPLIED	15062	15062	15062	15062	15062	15062	15062	15062
KILOS OF FRUIT STRIPPED	2418,13	2418,13	2418,13	2418,13	2418,13	2418,13	2418,13	2418,13
N° OF FRUIT SPECIES STRIPPED	22	22	22	22	22	22	22	22
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>								
FIRST CYCLE								
SECOND CYCLE	118°D	229,5°D	348,65°D PLUS 1 ADULT DAYS	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

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