



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

COUNTY: CERRO NAVIA - CITY: SANTIAGO - REGION: METROPOLITANA

WEEKS / REPORTS #	20-01-22 TO 23-01-22 # 1	24-01-22 TO 30-01-22 # 2	31-01-22 TO 07-02-22 # 3	07-02-22 TO 13-02-22 # 4	14-02-22 TO 20-02-22 # 5	21-02-22 TO 27-02-22 # 6	28-02-22 TO 06-03-22 # 7	07-03-22 TO 13-03-22 # 8	14-03-22 TO 20-03-22 # 9	21-03-22 TO 27-03-22 # 10	28-03-22 TO 03-04-22 # 11	04-04-22 TO 10-04-22 # 12	11-04-22 TO 17-04-22 # 13
<b>ITEMS /WORKS</b>													
<b>ADULTS DETECTION</b>													
DATE FIRST DETECTION	20-01-2022	20-01-2022	20-01-2022	20-01-2022	20-01-2022	20-01-2022	20-01-2022	20-01-2022	20-01-2022	20-01-2022	20-01-2022	20-01-2022	20-01-2022
DATE LAST DETECTION	21-01-2022	29-01-2022	05-02-2022	12-02-2022	20-02-2022	26-02-2022	05-03-2022	12-03-2022	19-03-2022	26-03-2022	02-04-2022	09-04-2022	15-04-2022
N° TOTAL DETECTIONS	4	13	31	78	105	163	288	423	543	698	889	1156	1416
N° WEEK SINCE LAST DETECTION	0	0	0	0	0	0	0	0	0	0	0	0	0
N° OF TRAPS AT WORKING AREA	29	515	922	1388	1940	2232	2608	2811	2824	2840	3107	3096	3206
N° OF TRAPS INPECTION	29	745	1933	3655	6202	9337	13006	17187	21662	25887	32372	35720	39199
INSPECTION FREQUENCY	ONCE 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	.....	-	05-02-2022	05-02-2022	05-02-2022	05-02-2022	05-02-2022	05-02-2022	05-02-2022	05-02-2022	05-02-2022	05-02-2022	05-02-2022
LAST LARVAL FOCI	.....	-	05-02-2022	12-02-2022	17-02-2022	25-02-2022	05-03-2022	12-03-2022	18-03-2022	26-03-2022	01-04-2022	09-04-2022	13-04-2022
N° OF DETECTED LARVAL FOCIS	.....	0	1	11	21	25	29	37	50	66	77	81	85
N° OF WEEKS SINCE LAST LARVAL FOCI	.....	0	0	0	0	0	0	0	0	0	0	0	0
N° OF PLACES VISITED	.....	1256	1901	2612	5591	7206	9280	13042	18975	25610	30087	37243	44448
Nº OF PLACES WITH FRUIT SAMPLES	.....	192	292	414	745	933	1202	1616	2254	2920	3437	4184	4814
N° FRUIT SAMPLE ANALYZED	.....	290	97	2223	4109	6892	8804	10753	12839	15730	18489	21641	23790
Nº OF FRUIT UNITS ANALYZED	.....	3658	12766	29265	62064	109361	135533	164704	195610	243859	285921	321620	348902
N° FRUIT KILOS ANALYZED	.....	78,776	340,24	993,514	1872,411	3559,261	4492,423	5376,596	6269,962	7520,194	8835,13	10158,916	10889,413
N° FRUIT SPECIES ANALYZED	.....	23	28	31	36	37	42	42	46	54	57	59	60
UNITS OF INFESTED FRUIT	.....	0	2	28	67	72	76	86	101	120	142	147	152
ACCUMULATIVE INFECTION PERCENTAGE (1)	.....	0,00%	0,02%	0,10%	0,11%	0,07%	0,06%	0,05%	0,05%	0,05%	0,05%	0,04%	0,04%
N° OF FRUIT SPECIES INFESTED	.....	0	1	5	6	6	6	7	7	8	9	10	10
<b>CONTROL FOR INMATURE STAGES AND ADULTS</b>													
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	0	0	0	20	113	125	125	125	125	167	233	342	443
N° OF PLACES WITH SOIL TREATMENT	0	0	63	174	315	377	475	551	755	894	937	967	1029
SQUARE MTS2 OF SOIL TREATMENT	0	0	5	643,5	1697	2864	4359	5470	6419,5	7684,5	9716,7	12344,2	13715,2
LITERS OF DZN APPLIED	0	0	400	9410	20865	38985	64105	79585	95320	115175	149235	194535	221945
KILOS OF FRUIT STRIPPED	0	0	1187,5	4485,7	10080,4	17032,85	20382,25	24112,25	34530,95	38946,85	51293,15	54776,95	57028,27
N° OF FRUIT SPECIES STRIPPED	0	0	11	18	20	25	30	30	32	32	37	39	39
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>													
FIRST CYCLE	46,08°D	24,63°D	28,14°D	29,78°D	13,0°D	26,59°D	24,78°D	26,54°D	26,98°D	19,39°D	18,88°D	15,13°D	17,05°D
SECOND CYCLE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
THIRD CYCLE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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



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WEEKS / REPORTS #	18-04-22 TO 24-04-22 # 14	25-04-22 TO 01-05-22 # 15	02-05-22 TO 08-05-22 # 16	09-05-22 TO 15-05-22 # 17	16-05-22 TO 22-05-22 # 18	23-05-22 TO 29-05-22 # 19	30-05-22 TO 05-06-22 # 20	06-06-22 TO 12-06-22 # 21	13-06-22 TO 19-06-22 # 22	20-06-22 TO 26-06-22 # 23	27-06-22 TO 03-07-22 # 24
<b>ITEMS /WORKS</b>											
<b>ADULTS DETECTION</b>											
DATE FIRST DETECTION	20-01-2022	20-01-2022	20-01-2022	20-01-2022	20-01-2022	20-01-2022	20-01-2022	20-01-2022	20-01-2022	20-01-2022	20-01-2022
DATE LAST DETECTION	23-04-2022	30-04-2022	07-05-2022	14-05-2022	20-05-2022	28-05-2022	02-06-2022	11-06-2022	18-06-2022	22-06-2022	22-06-2022
N° TOTAL DETECTIONS	1674	1833	1963	2060	2126	2179	2198	2218	2232	2235	2235
N° WEEK SINCE LAST DETECTION	0	0	0	0	0	0	0	0	0	0	0
N° OF TRAPS AT WORKING AREA	3276	4809	5600	5600	5486	5552	5636	5636	5685	5601	5601
N° OF TRAPS INPECTION	43462	52799	59460	64609	69700	75039	81005	86954	96091	100653	105234
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
<b>DETECTION OF INMATURE STAGE</b>											
FIRST LARVAL FOCI	05-02-2022	05-02-2022	05-02-2022	05-02-2022	05-02-2022	05-02-2022	05-02-2022	05-02-2022	05-02-2022	05-02-2022	05-02-2022
LAST LARVAL FOCI	22-04-2022	30-04-2022	06-05-2022	13-05-2022	20-05-2022	28-05-2022	02-06-2022	10-06-2022	18-06-2022	25-06-2022	29-06-2022
N° OF DETECTED LARVAL FOCIS	110	119	126	128	136	144	148	153	168	178	181
N° OF WEEKS SINCE LAST LARVAL FOCI	0	0	0	0	0	0	0	0	0	0	0
N° OF PLACES VISITED	52966	67079	77617	88452	97989	105236	114434	122393	130443	137710	142130
N° OF PLACES WITH FRUIT SAMPLES	5694	7306	8192	9202	9893	10614	11556	12341	13220	13990	14473
N° FRUIT SAMPLE ANALYZED	26230	30557	33033	35099	38945	40700	43320	45477	47290	49822	52488
N° OF FRUIT UNITS ANALYZED	382460	433949	470503	483328	569254	588828	603215	625431	654882	675855	706511
N° FRUIT KILOS ANALYZED	11862,201	13603,882	14517,632	15285,579	16987,131	17460,973	18487,957	19331,476	20099,1091	21244,535	22342,315
N° FRUIT SPECIES ANALYZED	60	60	64	65	65	65	66	67	67	67	67
UNITS OF INFESTED FRUIT	199	218	232	233	246	258	266	271	292	306	309
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,05%	0,05%	0,05%	0,05%	0,04%	0,04%	0,04%	0,04%	0,04%	0,05%	0,04%
N° OF FRUIT SPECIES INFESTED	11	11	12	12	12	12	12	12	13	13	13
<b>CONTROL FOR INMATURE STAGES AND ADULTS</b>											
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	553	808	1250	1511	1972	2042	2451	2785	2977	3103	3239
N° OF PLACES WITH SOIL TREATMENT	1154	1272	1392	1503	1812	2049	2244	2484	2756	2993	3214
SQUARE MTS2 OF SOIL TREATMENT	15436,2	16193,7	17543,2	18528,2	20240,2	21630,7	22464,8	23769,8	26878,5	28253,5	29290,5
LITERS OF DZN APPLIED	249005	272695	289878	293138	311303	341493	358453	377798	408573	427293	440523
KILOS OF FRUIT STRIPPED	59475,17	64711,19	69416,31	71022,52	79102,52	88335,42	91669,32	94775,82	101688,22	107117,321	108814,321
N° OF FRUIT SPECIES STRIPPED	39	39	43	43	45	45	45	45	45	46	47
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>											
FIRST CYCLE	14,68°D	14,68°D	7,3°D	8,77°D	12,7°D	0°D	4,96°D	3,61°D	0°D	0°D	2,49°D
SECOND CYCLE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
THIRD CYCLE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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