



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

COUNTY: INDEPENDENCIA - SANTIAGO - PROVINCE: SANTIAGO - REGION: METROPOLITANA

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WEEKS / REPORTS #	26-12-2022 TO 01-01-2023 #1	02-01-2023 TO 08-01-2023 #2	09-01-2023 TO 15-01-2023 #3	16-01-2023 TO 22-01-2023 #4	23-01-2023 TO 29-01-2023 #5	30-01-2023 AL 05-02-2023 #6	06-02-2023 AL 12-02-2023 #7	13-02-2023 AL 19-02-2023 #8	20-02-2023 AL 26-02-2023 #9	27-02-2023 TO 05-03-2023 #10	06-03-2023 TO 12-03-2023 #11	13-03-2023 TO 19-03-2023 #12	20-03-2023 TO 26-03-2023 #13
ITEMS /WORKS													
ADULTS DETECTION													
DATE FIRST DETECTION	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022
DATE LAST DETECTION	26-12-2022	05-01-2023	05-01-2023	05-01-2023	27-01-2023	02-02-2023	02-02-2023	02-02-2023	21-02-2023	28-02-2023	28-02-2023	18-03-2023	25-03-2023
N° TOTAL DETECTIONS	2	3	3	3	6	9	9	9	10	12	12	51	78
N° WEEK SINCE LAST DETECTION	0	0	1	2	0	0	1	2	0	0	1	0	0
N° OF TRAPS AT WORKING AREA	894	972	1113	1344	1560	2087	1933	1943	1954	1982	2064	2225	2434
N° OF TRAPS INPECTION	1606	2742	5216	6840	8990	11729	14193	16240	18532	21156	23674	26084	29276
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											11-03-2023	11-03-2023	11-03-2023
LAST LARVAL FOCI											11-03-2023	14-03-2023	22-03-2023
N° OF DETECTED LARVAL FOCIS											3	4	7
N° OF WEEKS SINCE LAST LARVAL FOCI											0	0	0
N° OF PLACES VISITED	3125	3379	4522	5227	5818	6968	8052	9208	10087	11160	13232	14443	15181
Nº OF PLACES WITH FRUIT SAMPLES	45	58	91	106	132	185	212	225	288	348	469	573	649
N° FRUIT SAMPLE ANALYZED	211	233	270	341	386	574	804	891	1126	1467	1773	2402	2974
Nº OF FRUIT UNITS ANALYZED	4673	4944	5462	7673	8371	11005	16677	18073	23472	28564	34757	46705	57163
N° FRUIT KILOS ANALYZED	57,62	63,99	74,36	104,29	125,75	193,61	272,94	300,86	381,18	568,09	728,41	969,48	1173,5
N° FRUIT SPECIES ANALYZED	16	16	18	19	21	22	23	25	27	33	34	36	42
UNITS OF INFESTED FRUIT	0	0	0	0	0	0	0	0	0	0	5	6	14
ACCUMULATIVE INFECTION PERCENTAGE (1)	0	0	0	0	0	0	0	0	0	0	0,01	0,01	0,02
N° OF FRUIT SPECIES INFESTED	0	0	0	0	0	0	0	0	0	0	3	3	4
CONTROL FOR INMATURE STAGES AND ADULTS													
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	24	68	114	134	157	247	367	420	566	734	890	1014	1154
N° OF PLACES WITH SOIL TREATMENT	0	0	1	2	4	10	12	13	18	21	24	27	34
SQUARE MTS2 OF SOIL TREATMENT	0	0	4	184	228	403	433	523	633	903	959	1559	1792
LITERS OF DZN APPLIED	0	0	200	2200	2840	4890	5190	6390	7690	10590	11150	17150	19280
KILOS OF FRUIT STRIPPED	0	575	625	625	885	974	1028	1128	1393	1587	1766	2006	2047
N° OF FRUIT SPECIES STRIPPED	0	2	2	2	6	12	12	12	12	12	12	14	15
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS													
FIRST CYCLE	76,25°D	50,75°D	134,9°D	263,5°D	40,6°D	56,05°D	164,1°D	302,4°D	74,40°D	77°D	20,6°D	23,85°D	22,35°D
SECOND CYCLE													
THIRD CYCLE													

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



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WEEKS / REPORTS #	27-03-2023 TO 02-04-2023 #14	03-04-2023 TO 09-04-2023 #15	10-04-2023 TO 16-04-2023 #16	17-04-2023 TO 23-04-2023 #17	24-04-2023 TO 30-04-2023 #18	01-05-2023 TO 07-05-2023 #19	08-05-2023 TO 14-05-2023 #20	15-05-2023 TO 21-05-2023 #21	22-05-2023 TO 28-05-2023 #22	29-05-2023 TO 04-06-2023 #23	05-06-2023 TO 11-06-2023 #24	12-06-2023 TO 18-06-2023 #25	19-06-2023 TO 25-06-2023 #26
ITEMS /WORKS													
ADULTS DETECTION													
DATE FIRST DETECTION	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022
DATE LAST DETECTION	31-03-2023	08-04-2023	13-04-2023	22-04-2023	28-04-2023	06-05-2023	12-05-2023	19-05-2023	23-05-2023	02-06-2023	09-06-2023	09-06-2023	21-06-2023
N° TOTAL DETECTIONS	87	94	103	115	140	151	171	181	185	191	201	201	204
N° WEEK SINCE LAST DETECTION	1	0	0	0	0	0	0	0	0	0	0	1	0
N° OF TRAPS AT WORKING AREA	2490	2764	3281	3527	3676	3620	3403	3459	3372	3174	3583	3654	3687
N° OF TRAPS INPECTION	32790	36583	40861	45374	49721	53306	58119	62673	67557	71332	76457	81980	85881
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	11-03-2023	11-03-2023	11-03-2023	11-03-2023	11-03-2023	11-03-2023	11-03-2023	11-03-2023	11-03-2023	11-03-2023	11-03-2023	11-03-2023	11-03-2023
LAST LARVAL FOCI	27-03-2023	27-03-2023	15-04-2023	19-04-2023	26-04-2023	26-04-2023	26-04-2023	26-04-2023	26-04-2023	26-04-2023	09-06-2023	09-06-2023	09-06-2023
N° OF DETECTED LARVAL FOCIS	8	8	9	11	14	14	14	14	14	14	15	15	15
N° OF WEEKS SINCE LAST LARVAL FOCI	0	1	0	0	0	1	2	3	4	5	0	1	2
N° OF PLACES VISITED	16039	17899	20170	22170	24516	25445	30974	36087	39517	42104	44643	46706	47221
Nº OF PLACES WITH FRUIT SAMPLES	805	1083	1264	1385	1571	1708	1927	2103	2253	2550	2836	3050	3129
N° FRUIT SAMPLE ANALYZED	3619	4066	4739	5328	5912	7068	7979	9072	9849	10902	12877	13957	14750
Nº OF FRUIT UNITS ANALYZED	65657	70099	78106	85031	92428	111280	125196	148677	163709	183565	217318	229738	238452
N° FRUIT KILOS ANALYZED	1358,24	1573,79	1829,68	2055,2	2257,79	2677,66	3040,33	3423,26	3721,49	4192,74	4933,81	5528,59	5795,292
N° FRUIT SPECIES ANALYZED	49	50	52	55	57	57	57	57	58	58	58	58	59
UNITS OF INFESTED FRUIT	15	15	15	21	29	29	29	29	29	29	30	30	30
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,02	0,02	0,02	0,02	0,03	0,03	0,02	0,02	0,02	0,02	0,01	0,01	0,01
N° OF FRUIT SPECIES INFESTED	4	4	4	5	5	5	5	5	5	5	5	5	5
CONTROL FOR INMATURE STAGES AND ADULTS													
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	1212	1408	1563	1737	1870	1998	2160	2280	2452	2654	2694	2976	2976
N° OF PLACES WITH SOIL TREATMENT	35	39	58	170	327	428	503	621	846	981	1095	1420	1579
SQUARE MTS2 OF SOIL TREATMENT	2792	3943	4969	5759	7405	8292	10010,5	11740,5	13479,5	15351	17263	19377	19924
LITERS OF DZN APPLIED	29280	41390	50820	59120	75325	84345	103345	122925	141565	160380	179750	201540	207210
KILOS OF FRUIT STRIPPED	2738	2887	3783	5160	6163	7021	7850	9303	10706	12394	13646	16176	17118
N° OF FRUIT SPECIES STRIPPED	15	16	23	27	27	28	28	28	30	31	32	34	35
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS													
FIRST CYCLE	34,15°D	19,35°D	8,95°D	10,85°D	9,7°D	2,5°D	22,75°D	7,25°D	9,05°D	10°D	0,7°D	12,55°D	15°D
SECOND CYCLE													
THIRD CYCLE													

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



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WEEKS / REPORTS #	26-06-2023 TO 02-07-2023 #27	03-07-2023 TO 09-07-2023 #28	10-07-2023 TO 16-07-2023 #29	17-07-2023 TO 23-07-2023 #30	24-07-2023 TO 30-07-2023 #31	31-07-2023 TO 06-08-2023 #32	07-08-2023 TO 13-08-2023 #33	14-08-2023 TO 20-08-2023 #34	21-08-2023 TO 27-08-2023 #35	28-08-2023 TO 03-09-2023 #36
ITEMS /WORKS										
ADULTS DETECTION										
DATE FIRST DETECTION	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022	20-12-2022
DATE LAST DETECTION	21-06-2023	21-06-2023	21-06-2023	21-06-2023	21-06-2023	02-08-2023	02-08-2023	02-08-2023	02-08-2023	02-08-2023
N° TOTAL DETECTIONS	204	204	204	204	204	205	205	205	205	205
N° WEEK SINCE LAST DETECTION	1	2	3	4	5	0	1	2	3	4
N° OF TRAPS AT WORKING AREA	3762	3753	3754	3755	3758	3832	3850	3850	3841	3863
N° OF TRAPS INPECTION	91417	97085	102767	107719	113412	119186	125205	130057	134288	140215
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
DETECTION OF INMATURE STAGE										
FIRST LARVAL FOCI	11-03-2023	11-03-2023	11-03-2023	11-03-2023	11-03-2023	11-03-2023	11-03-2023	11-03-2023	11-03-2023	11-03-2023
LAST LARVAL FOCI	09-06-2023	05-07-2023	05-07-2023	05-07-2023	05-07-2023	05-07-2023	05-07-2023	05-07-2023	05-07-2023	05-07-2023
N° OF DETECTED LARVAL FOCIS	15	16	16	16	16	16	16	16	16	16
N° OF WEEKS SINCE LAST LARVAL FOCI	3	0	1	2	3	4	5	6	7	8
N° OF PLACES VISITED	49391	52994	56397	56689	58687	62937	66334	68212	70455	73104
Nº OF PLACES WITH FRUIT SAMPLES	3298	3641	3874	3874	4015	4369	4644	4763	4908	5074
N° FRUIT SAMPLE ANALYZED	15668	17187	18354	18680	18932	20021	21230	21603	22017	22503
Nº OF FRUIT UNITS ANALYZED	248191	265735	280591	283877	286565	295266	306527	309893	312961	316710
N° FRUIT KILOS ANALYZED	6204,112	6812,212	7264,462	7413,5	7533,57	7999,09	8504,624	8659,794	8863,984	9102,131
N° FRUIT SPECIES ANALYZED	59	59	59	59	59	59	60	61	61	61
UNITS OF INFESTED FRUIT	30	30	31	31	31	31	31	31	31	31
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
N° OF FRUIT SPECIES INFESTED	5	5	5	5	5	5	5	5	5	5
CONTROL FOR INMATURE STAGES AND ADULTS										
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	3274	3756	4155	4328	4386	4473	4500	4582	4660	4744
N° OF PLACES WITH SOIL TREATMENT	2041	2390	2607	2924	3399	3900	4531	5098	5510	5924
SQUARE MTS2 OF SOIL TREATMENT	21517,4	24803,4	26365,4	28829,4	31436,4	33710,4	35345,9	37761,4	38721,4	40407,9
LITERS OF DZN APPLIED	223495	257115	273546	299187	326217	351134	368219	393877	403777	420902
KILOS OF FRUIT STRIPPED	19331	21670	24168	25190	26780	28455	30011	32223	33290	34721
N° OF FRUIT SPECIES STRIPPED	35	35	36	36	37	38	38	40	40	40
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS										
FIRST CYCLE	27,3°D	1,9°D	5,15°D	15,45°D	35,6°D	16,15°D	32,1°D	49,65°D	57,75°D	73,75°D
SECOND CYCLE										
THIRD CYCLE										

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