

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

COUNTY: MAIPÚ - PROVINCE: SANTIAGO - REGION: METROPOLITANA

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WEEKS / REPORTS #	09-01-2023 TO 15-01-2023 #1	16-01-2023 TO 22-01-2023 #2	23-01-2023 TO 29-01-2023 #3	30-01-2023 TO 05-02-2023 #4	06-02-2023 TO 12-02-2023 #5	13-02-2023 TO 19-02-2023 #6	20-02-2023 TO 26-02-2023 #7	27-02-2023 TO 05-03-2023 #8	06-03-2023 TO 12-03-2023 #9	13-03-2023 TO 19-03-2023 #10	20-03-2023 TO 26-03-2023 #11	27-03-2023 TO 02-04-2023 #12	03-04-2023 TO 09-04-2023 #13
ITEMS /WORKS													
ADULTS DETECTION													
DATE FIRST DETECTION	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023
DATE LAST DETECTION	09-01-2023	18-01-2023	18-01-2023	18-01-2023	18-01-2023	18-01-2023	18-01-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023
N° TOTAL DETECTIONS	2	3	3	3	3	3	3	4	4	4	4	4	4
N° WEEK SINCE LAST DETECTION	0	0	1	2	3	4	5	0	1	2	3	4	5
N° OF TRAPS AT WORKING AREA	455	1252	1281	1314	1325	1340	1345	1351	1359	1365	1358	1361	1362
N° OF TRAPS INPECTION	612	1924	3539	5194	6899	8477	10185	11945	13638	15374	17188	18916	20432
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	----	----	----	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023
LAST LARVAL FOCI	----	----	----	03-02-2023	03-02-2023	03-02-2023	25-02-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023
N° OF DETECTED LARVAL FOCIS	----	0	0	1	1	1	4	5	5	5	5	5	5
N° OF WEEKS SINCE LAST LARVAL FOCI	----	----	----	----	1	2	0	0	1	2	3	4	5
N° OF PLACES VISITED	657	1694	4824	8700	10266	11959	13291	14411	16196	18113	19175	19923	20660
N° OF PLACES WITH FRUIT SAMPLES	62	188	399	690	978	1169	1343	1537	1746	1953	2097	2176	2233
N° FRUIT SAMPLE ANALYZED	125	941	2110	3764	5805	7098	8157	9354	10659	12045	13458	14283	14924
N° OF FRUIT UNITS ANALYZED	1280	20556	48677	85606	128696	153005	173666	195265	223016	250682	278269	292577	301990
N° FRUIT KILOS ANALYZED	28,38	389,4	890,073	1417,293	2204,221	2766,421	3217,601	3772,702	4380,862	4969,784	5739,816	6110,116	6429,526
N° FRUIT SPECIES ANALYZED	19	27	32	34	36	39	40	40	40	40	41	42	42
UNITS OF INFESTED FRUIT	0	0	0	1	1	1	6	7	7	7	7	7	7
ACCUMULATIVE INFECTION PERCENTAGE (1)	0	0	0	0,001	0,001	0,001	0,003	0,004	0,003	0,003	0,003	0,002	0,002
N° OF FRUIT SPECIES INFESTED	0	0	0	1	1	1	2	2	2	2	2	2	2
CONTROL FOR INMATURE STAGES AND ADULTS													
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	80	154	237,5	331,5	441,5	581,5	671,5	799	929	1039	1149	1239	1299
N° OF PLACES WITH SOIL TREATMENT	0	7	49	115	229	428	620	810	1026	1260	1451	1606	1733
SQUARE MTS2 OF SOIL TREATMENT	0	103	576	970	1515	2130,8	2984,3	3689,3	4664,8	5676,3	6352,9	7012,2	7561,7
LITERS OF DZN APPLIED	0	1030	5915	9855	15305	21808	31144	38249	48812	59487	66126,8	72608,8	78069,3
KILOS OF FRUIT STRIPPED	0	517,5	1439	2332	3215,5	4071,5	5249,5	6612	7503,3	8571	9877	10411,7	11102,7
N° OF FRUIT SPECIES STRIPPED	0	11	18	18	24	25	29	31	32	35	35	35	35
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS													
FIRST CYCLE	84,15°D	57,1°D	149,4°D	40,75°D	142,55°D	273,4°D	23,6°D	27,35°D	105,95°D	202,1°D	323,35°D	339,35°D PLUS 5 ADULT DAYS	
SECOND CYCLE												10,95°D	79,3°D
THIRD CYCLE													

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



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WEEKS / REPORTS #	10-04-2023 TO 16-04-2023 #14	17-04-2023 TO 23-04-2023 #15	24-04-2023 TO 30-04-2023 #16	01-05-2023 TO 07-05-2023 #17	08-05-2023 TO 14-05-2023 #18	15-05-2023 TO 21-05-2023 #19	22-05-2023 TO 28-05-2023 #20	29-05-2023 TO 04-06-2023 #21	05-06-2023 TO 11-06-2023 #22	12-06-2023 TO 18-06-2023 #23	19-06-2023 TO 25-06-2023 #24	26-06-2023 TO 02-07-2023 #25	03-07-2023 TO 09-07-2023 #26
ITEMS /WORKS													
ADULTS DETECTION													
DATE FIRST DETECTION	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023
DATE LAST DETECTION	04-03-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023
N° TOTAL DETECTIONS	4	4	4	4	4	4	4	4	4	4	4	4	4
N° WEEK SINCE LAST DETECTION	6	7	8	9	10	11	12	13	14	15	16	17	18
N° OF TRAPS AT WORKING AREA	1316	1318	1318	1318	1232	1218	1218	1199	1199	1199	1199	1199	1199
N° OF TRAPS INPECTION	21718	22976	24128	25293	25808	26750	27689	28633	29218	30256	30956	31482	32347
INSPECTION FRECUENCY	ONCE PER WEEK	ONCE PER WEEK	ONCE PER WEEK	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY
DETECTION OF INMATURE STAGE													
FIRST LARVAL FOCI	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023
LAST LARVAL FOCI	02-03-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023
N° OF DETECTED LARVAL FOCIS	5	5	5	5	5	5	5	5	5	5	5	5	5
N° OF WEEKS SINCE LAST LARVAL FOCI	6	7	8	9	10	11	12	13	14	15	16	17	18
N° OF PLACES VISITED	22431	24067	26348	27295	27295	27295	27295	27295	27295	27295	27295	27295	27295
N° OF PLACES WITH FRUIT SAMPLES	2381	2476	2608	2664	2664	2664	2664	2664	2664	2664	2664	2664	2664
N° FRUIT SAMPLE ANALYZED	15567	16037	16626	16733	16743	16757	16763	16772	16779	16922	16930	16941	16950
N° OF FRUIT UNITS ANALYZED	312549	318961	326304	327714	327789	327898	327930	327979	328015	329094	329156	329245	329316
N° FRUIT KILOS ANALYZED	6715,416	6942,866	7262,116	7323,526	7330,136	7341,016	7344,456	7348,636	7352,986	7462,416	7465,926	7471,016	7476,406
N° FRUIT SPECIES ANALYZED	43	44	45	45	45	45	45	45	45	45	45	45	45
UNITS OF INFESTED FRUIT	7	7	7	7	7	7	7	7	7	7	7	7	7
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,002	0,002	0,002	0,002	0,002	0,002	0,002	0,002	0,002	0,002	0,002	0,002	0,002
N° OF FRUIT SPECIES INFESTED	2	2	2	2	2	2	2	2	2	2	2	2	2
CONTROL FOR INMATURE STAGES AND ADULTS													
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	1424	1534	1614	1614	1614	1614	1614	1614	1614	1614	1614	1614	1614
N° OF PLACES WITH SOIL TREATMENT	1909	1947	1973	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992
SQUARE MTS2 OF SOIL TREATMENT	8020,7	8256,7	8361,7	8361,7	8361,7	8361,7	8361,7	8361,7	8361,7	8361,7	8361,7	8361,7	8361,7
LITERS OF DZN APPLIED	82854,3	85214,3	88064,3	88064,3	88064,3	88064,3	88064,3	88064,3	88064,3	88064,3	88064,3	88064,3	88064,3
KILOS OF FRUIT STRIPPED	12052,7	12447,7	12699,7	12699,7	12699,7	12699,7	12699,7	12699,7	12699,7	12699,7	12699,7	12699,7	12699,7
N° OF FRUIT SPECIES STRIPPED	35	35	35	35	35	35	35	35	35	35	35	35	35
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS													
FIRST CYCLE													
SECOND CYCLE	123,5°D	175,15°D	240,15°D	277,4°D	329,2°D	329,2°D PLUS 7 ADULT DAYS	329,2°D PLUS 10 ADULT DAYS						
THIRD CYCLE							7,6°D	34,45°D	50,75°D	62,2°D	81,4°D	93,7°D	96,7°D

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



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WEEKS / REPORTS #	10-07-2023 TO 16-07-2023 #27	17-07-2023 TO 23-07-2023 #28	24-07-2023 TO 30-07-2023 #29	31-07-2023 TO 06-08-2023 #30	07-08-2023 TO 13-08-2023 #31	14-08-2023 TO 20-08-2023 #32	21-08-2023 TO 27-08-2023 #33	28-08-2023 TO 03-09-2023 #34	04-09-2023 TO 10-09-2023 #35	11-09-2023 TO 17-09-2023 #36	18-09-2023 TO 24-09-2023 #37	25-09-2023 TO 01-10-2023 #38	02-10-2023 TO 04-10-2023 #39
ITEMS /WORKS													
ADULTS DETECTION													
DATE FIRST DETECTION	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023	06-01-2023
DATE LAST DETECTION	04-03-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023	04-03-2023
N° TOTAL DETECTIONS	4	4	4	4	4	4	4	4	4	4	4	4	4
N° WEEK SINCE LAST DETECTION	19	20	21	22	23	24	25	26	27	28	29	30	31
N° OF TRAPS AT WORKING AREA	1199	1199	1199	1199	1199	1199	1198	1198	1198	1198	1198	1198	1198
N° OF TRAPS INPECTION	33138	34029	34900	35805	36176	37002	37790	38578	39358	40213	40880	41883	42251
INSPECTION FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY
DETECTION OF INMATURE STAGE													
FIRST LARVAL FOCI	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023	03-02-2023
LAST LARVAL FOCI	02-03-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023	02-03-2023
N° OF DETECTED LARVAL FOCIS	5	5	5	5	5	5	5	5	5	5	5	5	5
N° OF WEEKS SINCE LAST LARVAL FOCI	19	20	21	22	23	24	25	26	27	28	29	30	31
N° OF PLACES VISITED	27295	27295	27295	27295	27295	27295	27295	27295	27295	27295	27295	27295	27295
N° OF PLACES WITH FRUIT SAMPLES	2664	2664	2664	2664	2664	2664	2664	2664	2664	2664	2664	2664	2664
N° FRUIT SAMPLE ANALYZED	16959	16969	16979	16995	17003	17012	17015	17026	17036	17047	17050	17055	17055
N° OF FRUIT UNITS ANALYZED	329361	329466	329512	329582	329632	329680	329692	329751	329812	329864	329875	329923	329923
N° FRUIT KILOS ANALYZED	7480,016	7484,596	7488,616	7495,646	7499,656	7504,826	7506,406	7512,816	7517,886	7523,556	7524,946	7527,426	7527,426
N° FRUIT SPECIES ANALYZED	45	45	45	45	45	45	45	45	45	45	45	45	45
UNITS OF INFESTED FRUIT	7	7	7	7	7	7	7	7	7	7	7	7	7
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,002	0,002	0,002	0,002	0,002	0,002	0,002	0,002	0,002	0,002	0,002	0,002	0,002
N° OF FRUIT SPECIES INFESTED	2	2	2	2	2	2	2	2	2	2	2	2	2
CONTROL FOR INMATURE STAGES AND ADULTS													
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	1614	1614	1614	1614	1614	1614	1614	1614	1614	1614	1614	1614	1614
N° OF PLACES WITH SOIL TREATMENT	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992
SQUARE MTS2 OF SOIL TREATMENT	8361,7	8361,7	8361,7	8361,7	8361,7	8361,7	8361,7	8361,7	8361,7	8361,7	8361,7	8361,7	8361,7
LITERS OF DZN APPLIED	88064,3	88064,3	88064,3	88064,3	88064,3	88064,3	88064,3	88064,3	88064,3	88064,3	88064,3	88064,3	88064,3
KILOS OF FRUIT STRIPPED	12699,7	12699,7	12699,7	12699,7	12699,7	12699,7	12699,7	12699,7	12699,7	12699,7	12699,7	12699,7	12699,7
N° OF FRUIT SPECIES STRIPPED	35	35	35	35	35	35	35	35	35	35	35	35	35
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS													
FIRST CYCLE													
SECOND CYCLE													
THIRD CYCLE	99,95°D	110,25°D	130,4°D	154,8°D	173,75°D	199,2°D	216,6°D	243,05°D	267,6°D	298,4°D	329,1°D	329,1°D PLUS 7 ADULT DAYS	329,1°D PLUS 10 ADULT DAYS

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