





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

**COUNTY: PEÑALOLEN - PROVINCE: SANTIAGO - REGION: METROPOLITANA**

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WEEKS / REPORTS #	06-11-2023 TO 12-11-2023 #13	13-11-2023 TO 19-11-2023 #14	20-11-2023 TO 26-11-2023 #15	27-11-2023 TO 03-12-2023 #16	04-12-2023 TO 10-12-2023 #17	11-12-2023 TO 17-12-2023 #18	18-12-2023 TO 24-12-2023 #19	24-12-2023 TO 31-12-2023 #20	01-01-2024 TO 07-01-2024 #21	08-01-2024 TO 14-01-2024 #22	15-01-2024 TO 21-01-2024 #23	22-01-2024 TO 28-01-2024 #24
<b>ITEMS /WORKS</b>												
<b>ADULTS DETECTION</b>												
DATE FIRST DETECTION	10-08-2023	10-08-2023	10-08-2023	10-08-2023	10-08-2023	10-08-2023	10-08-2023	10-08-2023	10-08-2023	10-08-2023	10-08-2023	10-08-2023
DATE LAST DETECTION	15-08-2023	15-08-2023	15-08-2023	15-08-2023	15-08-2023	15-08-2023	15-08-2023	15-08-2023	15-08-2023	15-08-2023	15-08-2023	15-08-2023
N° TOTAL DETECTIONS	2	2	2	2	2	2	2	2	2	2	2	2
N° WEEK SINCE LAST DETECTION	12	13	14	15	16	17	18	19	20	21	22	23
N° OF TRAPS AT WORKING AREA	1.039	1.039	1.039	1.051	1.051	1.051	1.051	1.051	1.051	1.051	1.051	1.051
N° OF TRAPS INSPECTION	15.901	17.331	18.756	19.687	20.719	21.729	22.766	23.696	24.727	25.661	26.541	27.579
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
<b>DETECTION OF IMMATURE STAGE</b>												
FIRST LARVAL FOCI												
LAST LARVAL FOCI												
N° OF DETECTED LARVAL FOCIS												
N° OF WEEKS SINCE LAST LARVAL FOCI												
N° OF PLACES VISITED	12.493	12.712	12.765	13.683	13.684	13.685	14.181	14.181	14.181	14.181	14.356	14.572
N° OF PLACES WITH FRUIT SAMPLES	1226	1240	1241	1406	1406	1406	1516	1516	1516	1516	1544	1589
N° FRUIT SAMPLE ANALYZED	3.466	3.535	3.576	3.975	3.993	4.003	4.275	4.300	4.318	4.331	4.347	4.648
N° OF FRUIT UNITS ANALYZED	22.830	23.368	23.989	28.016	28.308	28.527	33.308	33.577	33.922	34.160	34.495	41.067
N° FRUIT KILOS ANALYZED	1.657	1.690	1.704	1.846	1.855	1.887	1.978	1.957	1.964	1.970	1.976	2.099
N° FRUIT SPECIES ANALYZED	40	40	40	43	43	43	45	45	45	45	45	45
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
<b>CONTROL FOR IMMATURE STAGES AND ADULTS</b>												
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	928	996	1178	1306	1486	1726	1786	1786	1786	1786	1786	1786
N° OF PLACES WITH SOIL TREATMENT	509	572	622	629	631	631	632	632	632	632	632	632
SQUARE MTS2 OF SOIL TREATMENT	2.878	3.288	3.571	3.595	3.607	3.627	3.642	3.642	3.642	3.642	3.642	3.642
LITERS OF DZN APPLIED	31.635	36.035	36.038	36.278	36.478	36.778	36.928	36.928	36.928	36.928	36.928	36.928
KILOS OF FRUIT STRIPPED	7.188,1	8.168,6	8.965,6	9.081,6	9.123,6	9.234,2	9.249,2	9.249,2	9.249,2	9.249,2	9.249,2	9.249,2
N° OF FRUIT SPECIES STRIPPED	26	27	27	27	27	27	28	28	28	28	28	28
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>												
FIRST CYCLE	329,65°D PLUS 1 ADULT DAY	329,65°D PLUS 10 ADULT DAYS	329,65°D PLUS 10 ADULT DAYS									
SECOND CYCLE			48°D	103,30°D	177,4°D	283,3°D	344,9°D PLUS 3 ADULT DAYS	344,9°D PLUS 5 ADULT DAYS				
THIRD CYCLE								44,85°D	120,20°D	193,1°D	345,8°D	345,8°D PLUS 7 ADULT DAYS



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WEEKS / REPORTS #	29-01-2024 TO 01-02-2024 #25
<b>ITEMS /WORKS</b>	
<b>ADULTS DETECTION</b>	
DATE FIRST DETECTION	10-08-2023
DATE LAST DETECTION	15-08-2023
N° TOTAL DETECTIONS	2
N° WEEK SINCE LAST DETECTION	24
N° OF TRAPS AT WORKING AREA	1.051
N° OF TRAPS INSPECTION	27.835
INSPECTION FRECUENCY	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	14.572
N° OF PLACES WITH FRUIT SAMPLES	1589
N° FRUIT SAMPLE ANALYZED	4.660
N° OF FRUIT UNITS ANALYZED	41.206
N° FRUIT KILOS ANALYZED	2.103
N° FRUIT SPECIES ANALYZED	45
UNITS OF INFESTED FRUIT	0
ACCUMULATIVE INFECTION PERCENTAGE (1)	0
N° OF FRUIT SPECIES INFESTED	0
<b>CONTROL FOR INMATURE STAGES AND ADULTS</b>	
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	1786
N° OF PLACES WITH SOIL TREATMENT	632
SQUARE MTS2 OF SOIL TREATMENT	3.642
LITERS OF DZN APPLIED	36.928
KILOS OF FRUIT STRIPPED	9.249,2
N° OF FRUIT SPECIES STRIPPED	28
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>	
FIRST CYCLE	
SECOND CYCLE	
THIRD CYCLE	345,8°D PLUS 10 ADULT DAYS