







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

**COUNTY: LO ESPEJO - PROVINCE: SANTIAGO - REGION: METROPOLITAN**

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WEEKS / REPORTS #	07-10-2024 TO 13-10-2024 #25	14-10-2024 TO 20-10-2024 #26	21-10-2024 TO 27-10-2024 #27	28-10-2024 TO 03-11-2024 #28	04-11-2024 TO 10-11-2024 #29	11-11-2024 TO 17-11-2024 #30	18-11-2024 TO 24-11-2024 #31	25-11-2024 TO 01-12-2024 #32	02-12-2024 TO 08-12-2024 #33	09-12-2024 TO 15-12-2024 #34	16-12-2024 TO 22-12-2024 #35	23-12-2024 TO 29-12-2024 #36
<b>ITEMS /WORKS</b>												
<b>ADULTS DETECTION</b>												
DATE FIRST DETECTION	17-04-2024	17-04-2024	17-04-2024	17-04-2024	17-04-2024	17-04-2024	17-04-2024	17-04-2024	17-04-2024	17-04-2024	17-04-2024	17-04-2024
DATE LAST DETECTION	20-05-2024	20-05-2024	20-05-2024	20-05-2024	20-05-2024	20-05-2024	20-05-2024	20-05-2024	20-05-2024	20-05-2024	20-05-2024	20-05-2024
N° TOTAL DETECTIONS	11	11	11	11	11	11	11	11	11	11	11	11
N° WEEK SINCE LAST DETECTION	20	21	22	23	24	25	26	27	28	29	30	31
N° OF TRAPS AT WORKING AREA	2.172	2.172	2.172	2.172	2.172	2.172	2.172	2.172	2.172	2.213	2.176	2.083
N° OF TRAPS INFECTION	60.245	62.829	65.473	67.594	69.353	71.287	73.194	74.883	76.742	78.700	80.278	81.960
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
<b>DETECTION OF INMATURE STAGE</b>												
FIRST LARVAL FOCI	13-05-2024	13-05-2024	13-05-2024	13-05-2024	13-05-2024	13-05-2024	13-05-2024	13-05-2024	13-05-2024	13-05-2024	13-05-2024	13-05-2024
LAST LARVAL FOCI	13-05-2024	13-05-2024	13-05-2024	13-05-2024	13-05-2024	13-05-2024	13-05-2024	13-05-2024	13-05-2024	13-05-2024	13-05-2024	13-05-2024
N° OF DETECTED LARVAL FOCIS	1	1	1	1	1	1	1	1	1	1	1	1
N° OF WEEKS SINCE LAST LARVAL FOCI	21	22	23	24	25	26	27	28	29	30	31	32
N° OF PLACES VISITED	25.789	26.067	26.417	26.535	26.535	26.547	27.260	27.670	27.960	28.421	28.493	28.646
N° OF PLACES WITH FRUIT SAMPLES	3025	3058	3091	3101	3101	3103	3238	3292	3358	3443	3455	3479
N° FRUIT SAMPLE ANALYZED	14.432	14.563	14.781	14.843	15.024	15.099	15.742	16.159	16.439	16.773	16.810	16.898
N° OF FRUIT UNITS ANALYZED	103.687	104.456	105.648	106.064	107.224	107.950	117.528	124.891	128.904	134.142	134.785	136.470
N° FRUIT KILOS ANALYZED	5629,18	5673,61	5780,33	5800,35	5883,01	5909,54	6125,62	6241	6330,84	6428,44	6439,1	6460,66
N° FRUIT SPECIES ANALYZED	54	54	54	54	55	55	57	57	57	57	57	57
UNITS OF INFESTED FRUIT	1	1	1	1	1	1	1	1	1	1	1	1
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,000964441	0,000957341	0,000946539	0,000942827	0,000932627	0,000926355	0,000850861	0,000800698	0,000775771	0,000745479	0,000741922	0,000732762
N° OF FRUIT SPECIES INFESTED	1	1	1	1	1	1	1	1	1	1	1	1
<b>CONTROL FOR INMATURE STAGES AND ADULTS</b>												
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	13449	14174	14834	15424	16174	16900	17657	18337	18867	19617	19717	20217
N° OF PLACES WITH SOIL TREATMENT	1433	1531	1634	1687	1688	1692	1906	1907	1913	1917	1917	1917
SQUARE MTS2 OF SOIL TREATMENT	6597,15	6834,25	6997,3	7080,3	7080,3	7123,3	7137,3	7144,3	7144,3	7144,3	7144,3	7144,3
LITERS OF DZN APPLIED	70322,5	72673,5	74308,5	75138,5	75538,5	76568,5	76708,5	76778,5	76778,5	76778,5	76778,5	76778,5
KILOS OF FRUIT STRIPPED	4635,11	4712,11	4724,61	4773,61	4773,61	4773,61	4849,11	4883,11	4883,11	4883,11	4883,11	4883,11
N° OF FRUIT SPECIES STRIPPED	29	29	29	29	29	29	29	29	29	29	29	29
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>												
FIRST CYCLE	315,3°D	330,95°D PLUS 5 ADULT DAYS	330,95°D PLUS 10 ADULT DAYS									
SECOND CYCLE			20,05°D	76,10°D	134,75°D	232,3°D	333,95°D	353,4°D + 6 DIAS ADULTO	353,4°D +10 DIAS ADULTO			
THIRD CYCLE									21,75°D	97,10°D	196,1°D	334,1°D PLUS 1 ADULT DAY



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WEEKS / REPORTS #	30-12-2024 TO 05-01-2025 #37	06-01-2025 TO 12-01-2025 #38
<b>ITEMS /WORKS</b>		
<b>ADULTS DETECTION</b>		
DATE FIRST DETECTION	17-04-2024	17-04-2024
DATE LAST DETECTION	20-05-2024	20-05-2024
N° TOTAL DETECTIONS	11	11
N° WEEK SINCE LAST DETECTION	32	33
N° OF TRAPS AT WORKING AREA	2.083	2.083
N° OF TRAPS INSPECTION	83.307	84.894
INSPECTION FRECUENCY	TWICE A WEEK	TWICE A WEEK
<b>DETECTION OF INMATURE STAGE</b>		
FIRST LARVAL FOCI	13-05-2024	13-05-2024
LAST LARVAL FOCI	13-05-2024	13-05-2024
N° OF DETECTED LARVAL FOCIS	1	1
N° OF WEEKS SINCE LAST LARVAL FOCI	33	34
N° OF PLACES VISITED	28.647	28.661
N° OF PLACES WITH FRUIT SAMPLES	3480	3482
N° FRUIT SAMPLE ANALYZED	16.936	17.007
N° OF FRUIT UNITS ANALYZED	137.091	138.570
N° FRUIT KILOS ANALYZED	6472,35	6489,47
N° FRUIT SPECIES ANALYZED	57	57
UNITS OF INFESTED FRUIT	1	1
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,000729442	0,000721657
N° OF FRUIT SPECIES INFESTED	1	1
<b>CONTROL FOR INMATURE STAGES AND ADULTS</b>		
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	20217	20217
N° OF PLACES WITH SOIL TREATMENT	1917	1917
SQUARE MTS2 OF SOIL TREATMENT	7144,3	7144,3
LITERS OF DZN APPLIED	76778,5	76778,5
KILOS OF FRUIT STRIPPED	4883,11	4883,11
N° OF FRUIT SPECIES STRIPPED	29	29
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>		
FIRST CYCLE		
SECOND CYCLE		
THIRD CYCLE	334,1 PLUS 8 ADULT DAYS	334,1 PLUS 10 ADULT DAYS