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

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

WEEKS / REPORTS #	22-04-2024 AL 28-04-2024 #1	29-04-2024 AL 05-05-2024 #2	06-05-2024 TO 12-05-2024 #3	13-05-2024 TO 19-05-2024 #4	20-05-2024 TO 26-05-2024 #5	27-05-2024 TO 02-06-2024 #6	03-06-2024 TO 09-06-2024 #7	10-06-2024 TO 16-06-2024 #8	17-06-2024 TO 23-06-2024 #9	24-06-2024 TO 30-06-2024 #10	01-07-2024 TO 07-07-2024 #11	08-07-2024 TO 14-07-2024 #12
ITEMS /WORKS												
ADULTS DETECTION												
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	27-04-2024	04-05-2024	11-05-2024	16-05-2024	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	3	5	8	10	11	11	11	11	11	11	11	11
N° WEEK SINCE LAST DETECTION	0	0	0	0	0	1	2	3	4	5	6	7
N° OF TRAPS AT WORKING AREA	644	1.720	1.828	2.072	2.138	2.141	2.143	2.171	2.172	2.172	2.172	2.172
N° OF TRAPS INPECTION	1.471	3.559	5.574	7.895	10.487	12.870	15.574	17.823	20.395	22.901	25.609	28.143
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
DETECTION OF INMATURE STAGE												
FIRST LARVAL FOCI	0	0	0	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	0	0	0	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	0	0	0	1	1	1	1	1	1	1	1	1
N° OF WEEKS SINCE LAST LARVAL FOCI	0	0	0	0	1	2	3	4	5	6	7	8
N° OF PLACES VISITED	0	607	1.766	3.830	4.739	6.882	9.041	10.323	11.617	12.931	15.379	19.170
Nº OF PLACES WITH FRUIT SAMPLES	0	61	1610	499	619	865	1156	1269	1412	1631	1825	2187
N° FRUIT SAMPLE ANALYZED	0	125	716	1.625	2.072	2.933	3.794	4.517	5.165	6.235	6.913	8.144
Nº OF FRUIT UNITS ANALYZED	0	1.646	7.141	17.767	21.900	28.683	33.608	39.013	43.856	51.579	55.835	64.414
N° FRUIT KILOS ANALYZED	0	34,68	159,65	430,34	638,74	909,76	1203,04	1443,15	1713,94	2113,87	2380,51	2976,54
N° FRUIT SPECIES ANALYZED	0	18	33	40	45	48	50	53	53	53	53	54
UNITS OF INFESTED FRUIT	0	0	0	1	1	1	1	1	1	1	1	1
ACCUMULATIVE INFECTION PERCENTAGE (1)	#¡DIV/0!	0	0	0,005628412	0,00456621	0,003486386	0,002975482	0,002563248	0,00228019	0,001938774	0,001790991	0,001552458
N° OF FRUIT SPECIES INFESTED	0	0	0	1	1	1	1	1	1	1	1	1
CONTROL FOR INMATURE STAGES AND ADULTS												
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	0	332	449	1095	1481	2209	3001	3443	3853	4427	5239	5967
N° OF PLACES WITH SOIL TREATMENT	0	0	11	95	126	169	244	309	348	391	439	499
SQUARE MTS2 OF SOIL TREATMENT	0	0	0	256,05	396,55	867,55	1175,15	1271,15	1352,25	1700,35	2124,75	2605,75
LITERS OF DZN APPLIED	0	0	0	2910,5	4315,5	9335,5	12611,5	13771,5	14782,5	18254,5	22498,5	27608,5
KILOS OF FRUIT STRIPPED	0	0	0	297,4	432,6	612,8	1260,7	1733,5	2117,3	2266,2	2783,4	3154,3
N° OF FRUIT SPECIES STRIPPED	0	0	0	15	18	20	23	23	25	26	26	27
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS												
FIRST CYCLE	4,20°D	4,40°D	0°D	0°D	4,55°D	21,20°D	40,40°D	43,60°D	46,00°D	49,30°D	55,70°D	55,70°D
SECOND CYCLE												
THIRD CYCLE												

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WEEKS / REPORTS #	15-07-2024 TO 21-07-2024 #13	22-07-2024 TO 28-07-2024 #14	29-07-2024 TO 04-08-2024 #15	05-08-2024 TO 11-08-2024 #16	12-08-2024 TO 18-08-2024 #17	19-08-2024 TO 25-08-2024 #18	26-08-2024 TO 01-09-2024 #19	02-09-2024 TO 08-09-2024 #20	09-09-2024 TO 15-09-2024 #21	16-09-2024 TO 22-09-2024 #22	23-09-2024 TO 29-09-2024 #23	30-09-2024 TO 06-10-2024 #24
ITEMS /WORKS												
ADULTS DETECTION												
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	8	9	10	11	12	13	14	15	16	17	18	19
N° OF TRAPS AT WORKING AREA	2.172	2.172	2.172	2.172	2.172	2.172	2.172	2.172	2.172	2.172	2.172	2.172
N° OF TRAPS INPECTION	30.772	33.333	35.511	38.017	40.514	43.207	45.805	48.557	51.192	52.302	54.991	57.566
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
DETECTION OF INMATURE STAGE												
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	9	10	11	12	13	14	15	16	17	18	19	20
N° OF PLACES VISITED	20.084	20.736	20.922	21.166	21.766	22.135	22.857	24.074	24.816	24.891	25.448	25.674
Nº OF PLACES WITH FRUIT SAMPLES	2322	2411	2432	2491	2587	2682	2779	2837	2864	2876	2986	3011
N° FRUIT SAMPLE ANALYZED	9.169	9.797	9.892	10.363	10.929	11.510	11.920	12.394	12.710	12.778	13.859	14.215
Nº OF FRUIT UNITS ANALYZED	71.426	75.699	76.596	79.921	83.720	87.210	89.613	92.172	93.967	94.321	100.362	102.593
N° FRUIT KILOS ANALYZED	3360,53	3621,9	3655,61	3879,27	4113,76	4366,6	4534,27	4724,96	4858,17	4880,96	5387,16	5527,15
N° FRUIT SPECIES ANALYZED	54	54	54	54	54	54	54	54	54	54	54	54
UNITS OF INFESTED FRUIT	1	1	1	1	1	1	1	1	1	1	1	1
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,00140005	0,001321021	0,001305551	0,001251236	0,001194458	0,001146657	0,00111591	0,001084928	0,001064203	0,001060209	0,000996393	0,000974725
N° OF FRUIT SPECIES INFESTED	1	1	1	1	1	1	1	1	1	1	1	1
CONTROL FOR INMATURE STAGES AND ADULTS												
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	6673	7413	7663	8323	8923	9493	10033	10673	11313	11361	12061	12761
N° OF PLACES WITH SOIL TREATMENT	561	637	651	707	801	881	911	1114	1173	1173	1251	1361
SQUARE MTS2 OF SOIL TREATMENT	2997,15	3443,15	3575,15	3792,15	4281,65	4606,65	4946,65	5476,65	5870,65	5870,65	6279,65	6458,15
LITERS OF DZN APPLIED	31922,5	36782,5	38102,5	40982,5	45877,5	49527,5	52927,5	58227,5	62567,5	62567,5	66657,5	68532,5
KILOS OF FRUIT STRIPPED	3313,2	3547,4	3642,3	3715,5	3995,2	4185,7	4272,5	4389,5	4421,51	4421,51	4449,51	4472,61
N° OF FRUIT SPECIES STRIPPED	27	28	28	28	29	29	29	29	29	29	29	29
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS												
FIRST CYCLE	61,30°D	63,15°D	72,35°D	76,90°D	89,45°D	92,10°D	102,05°D	116,45°D	140,20°D	175,4°D	203,04°D	258,85°D
SECOND CYCLE												
THIRD CYCLE												

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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
ITEMS /WORKS											
ADULTS DETECTION											
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
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
N° TOTAL DETECTIONS	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
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
N° OF TRAPS INPECTION	60.245	62.829	65.473	67.594	69.353	71.287	73.194	74.883	76.742	78.700	80.278
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
DETECTION OF INMATURE STAGE											
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
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
N° OF DETECTED LARVAL FOCIS	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
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
Nº OF PLACES WITH FRUIT SAMPLES	3025	3058	3091	3101	3101	3103	3238	3292	3358	3443	3455
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
Nº 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
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
N° FRUIT SPECIES ANALYZED	54	54	54	54	55	55	57	57	57	57	57
UNITS OF INFESTED FRUIT	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
N° OF FRUIT SPECIES INFESTED	1	1	1	1	1	1	1	1	1	1	1
CONTROL FOR INMATURE STAGES AND ADULTS											
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	13449	14174	14834	15424	16174	16900	17657	18337	18867	19617	19717
N° OF PLACES WITH SOIL TREATMENT	1433	1531	1634	1687	1688	1692	1906	1907	1913	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
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
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
N° OF FRUIT SPECIES STRIPPED	29	29	29	29	29	29	29	29	29	29	29
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS											
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 PLUS 6 ADULT DAYS	353,4°D PLUS 10 ADULT DAYS		
THIRD CYCLE									21,75°D	97,10°D	196,1°D