



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

COUNTY:OVALLE - PROVINCE: LIMARÍ - REGION:COQUIMBO

PAG 1

WEEKS / REPORTS #	23-10-2023 TO 29-10-2023 #1	30-10-2023 TO 05-11-2023 #2	06-11-2023 TO 12-11-2023 #3	13-11-2023 TO 19-11-2023 #4	20-11-2023 TO 26-11-2023 #5	27-11-2023 TO 03-12-2023 #6	04-12-2023 TO 10-12-2023 #7	11-12-2023 TO 17-12-2023 #8	18-12-2023 TO 24-12-2023 #9	25-12-2023 TO 31-12-2023 #10	01-01-2024 TO 07-01-2024 #11	08-01-2024 TO 14-01-2024 #12	15-01-2024 TO 21-01-2024 #13
<b>ITEMS /WORKS</b>													
<b>ADULTS DETECTION</b>													
DATE FIRST DETECTION	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023
DATE LAST DETECTION	28-10-2023	31-10-2023	08-11-2023	16-11-2023	23-11-2023	01-12-2023	05-12-2023	05-12-2023	05-12-2023	05-12-2023	05-12-2023	13-01-2024	15-01-2024
N° TOTAL DETECTIONS	8	9	13	17	21	24	26	26	26	26	26	34	35
N° WEEK SINCE LAST DETECTION	0	0	0	0	0	0	0	1	2	3	4	0	0
N° OF TRAPS AT WORKING AREA	280	282	452	668	998	1.002	1.041	1.091	1.102	1.106	1.113	1.096	1.177
N° OF TRAPS INSPECTION	437	889	1.484	2.253	3.232	4.542	6.096	7.742	9.432	10.861	12.302	13.747	15.599
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
<b>DETECTION OF INMATURE STAGE</b>													
FIRST LARVAL FOCI	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023
LAST LARVAL FOCI	27-10-2023	04-11-2023	04-11-2023	04-11-2023	21-11-2023	21-11-2023	21-11-2023	21-11-2023	21-11-2023	21-11-2023	21-11-2023	21-11-2023	16-01-2024
N° OF DETECTED LARVAL FOCIS	1	2	2	2	5	5	5	5	5	5	5	5	11
N° OF WEEKS SINCE LAST LARVAL FOCI	1	0	1	2	0	1	2	3	4	5	6	7	0
N° OF PLACES VISITED	219	254	273	351	424	484	490	495	513	519	535	579	680
N° OF PLACES WITH FRUIT SAMPLES	117	141	148	195	232	266	270	274	282	285	294	308	389
N° FRUIT SAMPLE ANALYZED	448	596	643	886	1.261	1.527	1.818	2.085	2.387	2.719	2.894	3.057	3.345
N° OF FRUIT UNITS ANALYZED	3.635	11.108	11.994	14.883	18.469	21.750	26.216	30.136	33.257	37.592	39.789	41.637	45.768
N° FRUIT KILOS ANALYZED	207,42	357,34	378,01	449,30	569,20	688,90	812,28	948,67	1.074,16	1.188,54	1.191,71	1.372,37	1.479,05
N° FRUIT SPECIES ANALYZED	30	32	32	33	36	40	41	41	42	43	43	43	43
UNITS OF INFESTED FRUIT	1	2	2	2	5	5	5	5	5	5	5	5	14
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,0275	0,0180	0,0167	0,0134	0,0271	0,0230	0,0191	0,0166	0,0150	0,0133	0,0126	0,0120	0,0306
N° OF FRUIT SPECIES INFESTED	1	2	2	2	2	2	2	2	2	2	2	2	4
<b>CONTROL FOR INMATURE STAGES AND ADULTS</b>													
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	14	21	26	33,5	39	46,5	52,5	66,5	82,5	103	117	163	208
N° OF PLACES WITH SOIL TREATMENT	1	2	3	10	22	36	53	75	114	142	161	184	201
SQUARE MTS2 OF SOIL TREATMENT	100,0	148,0	188,0	895,0	2.409,0	4.990,0	59,5	64.127,0	70.016,0	80.280,0	85.955,0	90.848,0	93.936,0
LITERS OF DZN APPLIED	400	500	1.000	12.450	31.450	62.950	111.500	148.030	180.630	221.830	252.680	310.430	358.760
KILOS OF FRUIT STRIPPED	739,5	1.793,6	9.393,6	16.093,3	21.102,3	22.123,8	25.115,0	26.168,7	26.698,0	27.765,0	29.962,0	33.901,1	35.281,1
N° OF FRUIT SPECIES STRIPPED	12	19	19	26	26	28	28	28	28	28	30	30	30
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>													
FIRST CYCLE	12,35°D	11,94°D	31,29°D	22,89°D	28,37°D	22,16°D	46,72°D	101,38°D	158,89°D	248,39°D	326,98°D	21,78°D	79,59°D
SECOND CYCLE													
THIRD CYCLE													

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



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WEEKS / REPORTS #	22-01-2024 TO 28-01-2024 #14	29-01-2024 TO 04-02-2024 #15	05-02-2024 TO 11-02-2024 #16	12-02-2024 TO 18-02-2024 #17	19-02-2024 TO 25-02-2024 #18	26-02-2024 TO 03-03-2024 #19	04-03-2024 TO 10-03-2024 #20	11-03-2024 TO 17-03-2024 #21	18-03-2024 TO 24-03-2024 #22	25-03-2024 TO 31-03-2024 #23	01-04-2024 TO 07-04-2024 #24	08-04-2024 TO 14-04-2024 #25	15-04-2024 TO 21-04-2024 #26
<b>ITEMS /WORKS</b>													
<b>ADULTS DETECTION</b>													
DATE FIRST DETECTION	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023
DATE LAST DETECTION	15-01-2024	15-01-2024	15-01-2024	12-02-2024	19-02-2024	29-02-2024	04-03-2024	04-03-2024	04-03-2024	04-03-2024	01-04-2024	01-04-2024	01-04-2024
N° TOTAL DETECTIONS	35	35	35	37	38	41	41	41	41	41	42	42	42
N° WEEK SINCE LAST DETECTION	1	2	3	0	0	0	0	1	2	3	0	1	2
N° OF TRAPS AT WORKING AREA	1.198	1.216	1.216	1.223	1.235	1.252	1.276	1.427	1.485	1.521	1.525	1.520	1.521
N° OF TRAPS INSPECTION	17.505	19.420	21.368	23.384	25.350	27.276	29.327	31.560	33.880	36.150	38.525	40.905	43.308
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	TWICE A WEEK
<b>DETECTION OF INMATURE STAGE</b>													
FIRST LARVAL FOCI	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023
LAST LARVAL FOCI	16-01-2024	16-01-2024	16-01-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024
N° OF DETECTED LARVAL FOCIS	11	11	11	12	12	12	12	12	12	12	12	12	12
N° OF WEEKS SINCE LAST LARVAL FOCI	1	2	3	0	1	2	3	4	5	6	7	8	9
N° OF PLACES VISITED	721	796	811	874	925	1.001	1.047	1.059	1.104	1.199	1.288	2.094	2.394
Nº OF PLACES WITH FRUIT SAMPLES	412	449	457	496	542	587	622	632	661	737	745	848	903
N° FRUIT SAMPLE ANALYZED	3.826	4.336	4.935	5.640	6.092	6.791	7.672	8.773	9.841	10.880	11.848	12.831	13.890
Nº OF FRUIT UNITS ANALYZED	58.049	80.789	138.047	144.084	148.790	154.196	160.805	169.975	178.928	186.533	197.449	205.105	222.105
N° FRUIT KILOS ANALYZED	2.065,30	2.327,89	2.683,93	3.109,00	3.394,70	3.777,15	4.203.649,00	4.701,70	6.281,34	6.821,00	7.781,00	10.595,00	11.105,00
N° FRUIT SPECIES ANALYZED	46	46	46	46	46	47	48	48	49	49	49	50	52
UNITS OF INFESTED FRUIT	14	14	14	15	15	15	15	15	15	15	15	15	15
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,0241	0,0173	0,0101	0,0104	0,0101	0,0097	0,0093	0,0088	0,0084	0,0080	0,0076	0,0073	0,0068
N° OF FRUIT SPECIES INFESTED	4	4	4	4	4	4	4	4	4	4	4	4	4
<b>CONTROL FOR INMATURE STAGES AND ADULTS</b>													
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	225	238,5	266	301	325	375	420	461	485	490	514	514	514
N° OF PLACES WITH SOIL TREATMENT	201	212	220	238	220	220	220	220	220	220	240	283	309
SQUARE MTS2 OF SOIL TREATMENT	97.700,0	100.488,0	102.074,0	104.590,5	107.759,5	110.798,5	114.958,5	120.634,5	125.214,0	127.102,0	131.972,0	135.264,0	137.331,0
LITERS OF DZN APPLIED	409.460	446.560	465.010	498.290	542.240	583.040	642.440	714.390	776.240	801.590	852.805	893.995	917.485
KILOS OF FRUIT STRIPPED	35.657,0	36.084,1	36.549,1	37.288,1	40.838,1	43.433,0	51.431,0	54.607,0	55.645,0	56.133,0	56.751,0	64.858,0	65.380,0
N° OF FRUIT SPECIES STRIPPED	30	30	30	30	30	30	30	30	30	30	30	30	30
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>													
FIRST CYCLE	157,95°D	247,91°D	339,7°D PLUS 1 ADULT DAY	84,36°D	172,02°D	41,33°D	62,35°D	120,39°D	217,45°D	278,7°D	50,15°D	87,24°D	131,51°D
SECOND CYCLE													
THIRD CYCLE													

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



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WEEKS / REPORTS #	22-04-2024 TO 28-04-2024 #27	29-04-2024 TO 05-05-2024 #28	06-05-2024 TO 12-05-2024 #29	13-05-2024 TO 19-05-2024 #30	20-05-2024 TO 26-05-2024 #31	27-05-2024 TO 02-06-2024 #32	03-06-2024 TO 09-06-2024 #33	10-06-2024 TO 16-06-2024 #34	17-06-2024 TO 23-06-2024 #35	24-06-2024 TO 30-06-2024 #36	01-07-2024 TO 07-07-2024 #37	08-07-2024 TO 14-07-2024 #38	15-07-2024 TO 21-07-2024 #39
<b>ITEMS /WORKS</b>													
<b>ADULTS DETECTION</b>													
DATE FIRST DETECTION	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023
DATE LAST DETECTION	01-04-2024	01-04-2024	01-04-2024	01-04-2024	01-04-2024	01-04-2024	01-04-2024	01-04-2024	01-04-2024	01-04-2024	01-04-2024	01-04-2024	01-04-2024
N° TOTAL DETECTIONS	42	42	42	42	42	42	42	42	42	42	42	42	42
N° WEEK SINCE LAST DETECTION	4	5	6	7	8	8	9	10	11	12	13	14	15
N° OF TRAPS AT WORKING AREA	1.524	1.523	1.530	1.531	1.523	1.524	1.524	1.519	1.519	1.524	1.533	1.533	1.535
N° OF TRAPS INSPECTION	45.678	48.000	50.380	52.756	55.052	57.405	59.711	61.183	63.077	64.528	65.988	68.402	70.200
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
<b>DETECTION OF INMATURE STAGE</b>													
FIRST LARVAL FOCI	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023
LAST LARVAL FOCI	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024
N° OF DETECTED LARVAL FOCIS	12	12	12	12	12	12	12	12	12	12	12	12	12
N° OF WEEKS SINCE LAST LARVAL FOCI	10	11	12	13	14	15	16	17	18	19	20	21	22
N° OF PLACES VISITED	2.496	2.496	2.496	2.496	2.496	2.496	2.563	2.593	5.335	5.385	5.418	5.846	5.490
N° OF PLACES WITH FRUIT SAMPLES	944	944	944	944	944	944	1.040	1.060	1.914	1.829	1.922	1.943	1.945
N° FRUIT SAMPLE ANALYZED	14.903	15.580	16.174	17.193	19.034	20.343	21.692	22.925	23.716	24.923	25.433	25.833	26.087
N° OF FRUIT UNITS ANALYZED	233.130	239.432	245.691	257.676	280.536	298.754	315.743	327.904	333.019	339.771	343.666	347.066	348.890
N° FRUIT KILOS ANALYZED	13.015,00	13.438,00	15.249,00	17.728,00	18.763,00	19.379,00	19.961,00	20.704,00	21.047,10	21.455,20	21.676,00	21.842,00	21.918,00
N° FRUIT SPECIES ANALYZED	52	52	52	52	52	52	52	52	52	52	52	52	52
UNITS OF INFESTED FRUIT	15	15	15	15	15	15	15	15	15	15	15	15	15
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,0064	0,0063	0,0061	0,0058	0,0053	0,0050	0,0048	0,0046	0,0045	0,0044	0,0044	0,0043	0,0043
N° OF FRUIT SPECIES INFESTED	4	4	4	4	4	4	4	4	4	4	4	4	4
<b>CONTROL FOR INMATURE STAGES AND ADULTS</b>													
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	514	514	514	514	514	514	514	514	514	514	514	514	514
N° OF PLACES WITH SOIL TREATMENT	334	334	382	407	410	413	438	438	438	438	438	438	438
SQUARE MTS2 OF SOIL TREATMENT	137.932,0	137.932,0	138.377,0	138.615,0	138.657,0	138.657,0	138.957,0	138.957,0	138.957,0	138.957,0	138.957,0	138.957,0	138.957,0
LITERS OF DZN APPLIED	924.655	924.655	929.705	932.555	933.055	933.055	936.355	936.355	936.355	936.355	936.355	936.355	936.355
KILOS OF FRUIT STRIPPED	66.349,0	66.349,0	66.434,0	66.472,0	66.472,0	66.472,0	66.513,0	66.513,0	66.513,0	66.513,0	66.513,0	66.513,0	66.513,0
N° OF FRUIT SPECIES STRIPPED	31	31	31	31	31	31	31	31	31	31	31	31	31
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>													
FIRST CYCLE	207,16°D	239,36°D	261,94°D	273,84°D	307,18°D	331,48°D	331,48°D PLUS 9 ADULT DAYS	331,48°D PLUS 15 ADULT DAYS					
SECOND CYCLE								2,38°D	18,50°D	34,12°D	53,73°D	56,46°D	68,92°D
THIRD CYCLE													

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



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WEEKS / REPORTS #	22-07-2024 TO 28-07-2024 #40	29-07-2024 TO 04-08-2024 #41	05-08-2024 TO 11-08-2024 #42	12-08-2024 TO 18-08-2024 #43	19-08-2024 TO 25-08-2024 #44	26-08-2024 TO 01-09-2024 #45	02-09-2024 TO 08-09-2024 #46	09-09-2024 TO 15-09-2024 #47	16-09-2024 TO 22-09-2024 #48	23-09-2024 TO 29-09-2024 #49	30-09-2024 TO 06-10-2024 #50
<b>ITEMS /WORKS</b>											
<b>ADULTS DETECTION</b>											
DATE FIRST DETECTION	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023	13-10-2023
DATE LAST DETECTION	01-04-2024	01-04-2024	01-04-2024	01-04-2024	01-04-2024	01-04-2024	01-04-2024	01-04-2024	01-04-2024	01-04-2024	01-04-2024
N° TOTAL DETECTIONS	42	42	42	42	42	42	42	42	42	42	42
N° WEEK SINCE LAST DETECTION	16	17	18	19	20	21	22	23	24	25	26
N° OF TRAPS AT WORKING AREA	1.539	1.546	1.540	1.537	1.537	1.537	1.537	1.537	1.537	1.537	1.537
N° OF TRAPS INSPECTION	72.613	74.467	76.802	78.636	81.098	82.967	85.430	87.887	88.850	91.290	93.719
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
<b>DETECTION OF INMATURE STAGE</b>											
FIRST LARVAL FOCI	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023	27-10-2023
LAST LARVAL FOCI	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024	12-02-2024
N° OF DETECTED LARVAL FOCIS	12	12	12	12	12	12	12	12	12	12	12
N° OF WEEKS SINCE LAST LARVAL FOCI	23	24	25	26	27	28	29	30	31	32	33
N° OF PLACES VISITED	5.576	5.633	5.721	5.851	5.878	6.006	6.048	6.129	6.162	6.320	6.337
N° OF PLACES WITH FRUIT SAMPLES	1.965	1.969	1.969	1.965	1.971	1.971	1.995	2.014	2.028	2.036	2.059
N° FRUIT SAMPLE ANALYZED	26.622	26.985	27.006	27.133	27.348	27.821	28.328	28.715	28.842	29.132	29.508
N° OF FRUIT UNITS ANALYZED	348.890	355.268	305.915	351.546	354.760	358.808	363.208	363.453	367.724	370.318	373.335
N° FRUIT KILOS ANALYZED	21.918,00	22.293,60	19.806,25	19.847,46	19.989,18	20.242,04	20.498,68	20.700,17	20.762,87	20.896,80	21.110,90
N° FRUIT SPECIES ANALYZED	52	52	54	54	54	54	54	55	55	55	55
UNITS OF INFESTED FRUIT	15	15	15	15	15	15	15	15	15	15	15
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,0043	0,0042	0,0049	0,0043	0,0042	0,0042	0,0042	0,0041	0,0041	0,0041	0,0040
N° OF FRUIT SPECIES INFESTED	4	4	4	4	4	4	4	4	4	4	4
<b>CONTROL FOR INMATURE STAGES AND ADULTS</b>											
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	514	514	514	514	514	514	514	514	514	514	514
N° OF PLACES WITH SOIL TREATMENT	438	438	438	438	438	438	438	438	438	438	438
SQUARE MTS2 OF SOIL TREATMENT	138.957,0	138.957,0	138.957,0	138.957,0	138.957,0	138.957,0	138.957,0	138.957,0	138.957,0	138.957,0	138.957,0
LITERS OF DZN APPLIED	936.355	936.355	936.355	936.355	936.355	936.355	936.355	936.355	936.355	936.355	936.355
KILOS OF FRUIT STRIPPED	66.513,0	66.513,0	66.513,0	66.513,0	66.513,0	66.513,0	66.513,0	66.513,0	66.513,0	66.513,0	66.513,0
N° OF FRUIT SPECIES STRIPPED	31	31	31	31	31	31	31	31	31	31	31
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>											
FIRST CYCLE											
SECOND CYCLE	89,20°D	103,11°D	122,58°D	140,29°D	150,5°D	197,38°D	238,35°D	306,2°D	327,88°D PLUS 5 ADULT DAYS	327,88°D PLUS 10 ADULT DAYS	
THIRD CYCLE										8,66°D	50,93°D

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