

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

**COUNTY:OVALLE - PROVINCE: LIMARÍ - REGION:COQUIMBO**

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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 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 IMMATURE 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 IMMATURE 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
<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
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
N° TOTAL DETECTIONS	35	35	35	37	38	41	41	41	41
N° WEEK SINCE LAST DETECTION	1	2	3	0	0	0	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
N° OF TRAPS INSPECTION	17.505	19.420	21.368	23.384	25.350	27.276	29.327	31.560	33.880
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
<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
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
N° OF DETECTED LARVAL FOCIS	11	11	11	12	12	12	12	12	12
N° OF WEEKS SINCE LAST LARVAL FOCI	1	2	3	0	1	2	3	4	5
N° OF PLACES VISITED	721	796	811	874	925	1.001	1.047	1.059	1.104
Nº OF PLACES WITH FRUIT SAMPLES	412	449	457	496	542	587	622	632	661
N° FRUIT SAMPLE ANALYZED	3.826	4.336	4.935	5.640	6.092	6.791	7.672	8.773	9.841
Nº OF FRUIT UNITS ANALYZED	58.049	80.789	138.047	144.084	148.790	154.196	160.805	169.975	178.928
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
N° FRUIT SPECIES ANALYZED	46	46	46	46	46	47	48	48	49
UNITS OF INFESTED FRUIT	14	14	14	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
N° OF FRUIT SPECIES INFESTED	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
N° OF PLACES WITH SOIL TREATMENT	201	212	220	238	220	220	220	220	220
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
LITERS OF DZN APPLIED	409.460	446.560	465.010	498.290	542.240	583.040	642.440	714.390	776.240
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
N° OF FRUIT SPECIES STRIPPED	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
SECOND CYCLE									
THIRD CYCLE									

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