

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

COUNTY:COQUIMBO - PROVINCE: ELQUI - REGION:COQUIMBO

PAG 1

WEEKS / REPORTS #	20-03-2023 TO 26-03-2023 #1	27-03-2023 TO 02-04-2023 #2	03-04-2023 TO 09-04-2023 #3	10-04-2023 TO 16-04-2023 #4	17-04-2023 TO 23-04-2023 #5	24-04-2023 TO 30-04-2023 #6	01-05-2023 TO 07-05-2023 #7	08-05-2023 TO 14-05-2023 #8	15-05-2023 TO 21-05-2023 #9	22-05-2023 TO 28-05-2023 #10	29-05-2023 TO 04-06-2023 #11	05-06-2023 TO 11-06-2023 #12	12-06-2023 TO 18-06-2023 #13
ITEMS /WORKS													
ADULTS DETECTION													
DATE FIRST DETECTION	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023
DATE LAST DETECTION	26-03-2023	26-03-2023	02-04-2023	02-04-2023	02-04-2023	02-04-2023	05-05-2023	05-05-2023	05-05-2023	05-05-2023	05-05-2023	05-05-2023	05-05-2023
N° TOTAL DETECTIONS	16	21	21	21	21	21	23	23	23	23	23	23	23
N° WEEK SINCE LAST DETECTION	0	0	1	2	3	4	0	1	2	3	4	5	6
N° OF TRAPS AT WORKING AREA	290	434	586	670	875	927	1.124	1.161	1.163	1.162	1.162	1.162	1.162
N° OF TRAPS INSPECTION	163	528	1.030	1.747	2.706	3.816	4.783	5.971	7.357	8.656	10.081	11.447	12.836
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
DETECTION OF IMMATURE STAGE													
FIRST LARVAL FOCI	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023
LAST LARVAL FOCI	22-03-2023	22-03-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023
N° OF DETECTED LARVAL FOCIS	3	3	4	4	4	4	4	4	4	4	4	4	4
N° OF WEEKS SINCE LAST LARVAL FOCI	0	0	0	1	2	3	4	5	6	7	8	9	10
N° OF PLACES VISITED	524	1.308	1.569	4.637	7.171	7.441	9.272	10.510	11.606	11.616	11.638	11.933	12.021
N° OF PLACES WITH FRUIT SAMPLES	58	150	606	686	990	1.020	1.183	1.342	1.512	1.513	1.515	1.557	1.575
N° FRUIT SAMPLE ANALYZED	110	361	737	1.815	2.863	3.596	4.053	4.570	5.086	5.230	5.337	5.749	6.092
N° OF FRUIT UNITS ANALYZED	1.201	3.987	7.618	21.854	35.840	42.480	48.389	53.258	58.069	60.078	61.617	68.887	73.621
N° FRUIT KILOS ANALYZED	79,26	179,68	287,53	529,76	749,68	889,13	962,51	1.049,25	1.139,70	1.173,70	1.205,20	1.359,20	1.461,70
N° FRUIT SPECIES ANALYZED	20	32	35	46	52	57	64	66	72	72	72	76	77
UNITS OF INFESTED FRUIT	4	4	11	11	11	11	11	11	11	11	11	11	11
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,33	0,10	0,14	0,05	0,03	0,03	0,02	0,02	0,02	0,02	0,02	0,02	0,01
N° OF FRUIT SPECIES INFESTED	1	1	1	1	1	1	1	1	1	1	1	1	1
CONTROL FOR IMMATURE STAGES AND ADULTS													
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	4,5	9	20	29	30,5	36,5	39,5	57,5	80	80	97	105	105
N° OF PLACES WITH SOIL TREATMENT	7	21	38	68	89	115	147	212	293	372	432	482	524
SQUARE MTS2 OF SOIL TREATMENT	112,0	218,0	403,5	797,5	1.050,5	1.316,5	1.734,5	2.376,5	3.057,5	3.816,5	4.388,5	4.893,5	5.309,5
LITERS OF DZN APPLIED	1.885	3.755	7.125	12.170	17.891	21.416	25.838	33.648	43.798	51.852	59.422	66.287	73.152
KILOS OF FRUIT STRIPPED	233,2	419,2	590,3	652,4	812,1	940,0	1.087,4	1.206,5	1.277,0	1.376,8	1.542,4	1.618,9	1.644,1
N° OF FRUIT SPECIES STRIPPED	4	14	14	14	19	19	19	24	26	26	26	27	27
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS													
FIRST CYCLE	0	0	31,73°D	73,79°D	109,21°D	142,93°D	11,26°D	35,27°D	73,57°D	107,85°D	142,19°D	189,55°D	224,1°D
SECOND CYCLE													
THIRD CYCLE													

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



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WEEKS / REPORTS #	19-06-2023 TO 25-06-2023 #14	26-06-2023 TO 02-07-2023 #15	03-07-2023 TO 09-07-2023 #16	10-07-2023 TO 16-07-2023 #17	17-07-2023 TO 23-07-2023 #18	24-07-2023 TO 30-07-2023 #19	31-07-2023 TO 06-08-2023 #20	07-08-2023 TO 13-08-2023 #21	14-08-2023 TO 20-08-2023 #22	21-08-2023 TO 27-08-2023 #23	28-08-2023 TO 03-09-2023 #24	04-09-2023 TO 10-09-2023 #25	11-09-2023 TO 17-09-2023 #26
ITEMS /WORKS													
ADULTS DETECTION													
DATE FIRST DETECTION	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023
DATE LAST DETECTION	05-05-2023	29-06-2023	29-06-2023	10-07-2023	10-07-2023	10-07-2023	10-07-2023	10-07-2023	10-07-2023	10-07-2023	10-07-2023	10-07-2023	10-07-2023
N° TOTAL DETECTIONS	23	24	24	25	25	25	25	25	25	25	25	25	25
N° WEEK SINCE LAST DETECTION	7	0	1	0	1	2	3	4	5	6	7	8	9
N° OF TRAPS AT WORKING AREA	1.162	1.163	1.165	1.179	1.179	1.179	1.179	1.179	1.179	1.182	1.184	1.184	1.184
N° OF TRAPS INSPECTION	14.259	15.631	17.059	18.361	19.818	21.193	22.556	23.935	25.332	26.712	28.119	29.568	31.056
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
DETECTION OF INMATURE STAGE													
FIRST LARVAL FOCI	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023
LAST LARVAL FOCI	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023
N° OF DETECTED LARVAL FOCIS	4	4	4	4	4	4	4	4	4	4	4	4	4
N° OF WEEKS SINCE LAST LARVAL FOCI	11	12	13	14	15	16	17	18	19	20	21	22	23
N° OF PLACES VISITED	12.110	12.116	12.246	12.301	12.319	12.321	12.368	12.591	12.660	12.664	12.865	12.967	12.969
N° OF PLACES WITH FRUIT SAMPLES	1.586	1.589	1.604	1.632	1.635	1.636	1.647	1.673	1.684	1.687	1.709	1.728	1.729
N° FRUIT SAMPLE ANALYZED	6.328	6.515	6.756	7.027	7.385	7.548	7.761	7.985	8.145	8.367	8.546	8.810	9.065
N° OF FRUIT UNITS ANALYZED	77.236	80.731	83.939	87.708	93.035	96.476	99.944	103.190	105.837	110.165	113.353	118.140	122.139
N° FRUIT KILOS ANALYZED	1.540,80	1.625,37	1.738,54	1.838,97	1.982,98	2.147,89	2.300,04	2.377,70	2.443,18	2.619,34	2.723,78	2.890,80	3.029,33
N° FRUIT SPECIES ANALYZED	77	78	79	80	81	81	82	83	83	83	83	83	84
UNITS OF INFESTED FRUIT	11	11	11	11	11	11	11	11	11	11	11	11	11
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
N° OF FRUIT SPECIES INFESTED	1	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)	112	114,75	118,75	123,75	125,25	129,25	129,25	133,5	133,5	136,5	136,5	137,5	137,5
N° OF PLACES WITH SOIL TREATMENT	557	582	608	639	682	721	784	830	850	855	862	864	864
SQUARE MTS2 OF SOIL TREATMENT	5.687,5	6.065,0	6.517,1	7.368,1	8.363,1	9.315,1	10.920,6	12.129,1	12.789,1	12.845,1	12.959,1	13.029,1	13.029,1
LITERS OF DZN APPLIED	78.112	85.040	91.534	108.109	125.589	140.274	160.004	175.504	184.704	185.324	186.604	187.464	187.464
KILOS OF FRUIT STRIPPED	1.705,3	1.850,4	2.562,7	2.723,0	3.370,2	3.423,9	3.512,1	3.607,7	3.712,8	3.875,2	3.966,7	3.966,8	3.966,8
N° OF FRUIT SPECIES STRIPPED	27	27	27	30	30	31	31	35	35	36	36	36	36
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS													
FIRST CYCLE	271,74°D	15,16°D	36,46°D	28,67°D	59,29°D	82,86°D	109,37°D	137,91°D	180,31°D	237,8°D	295,18°D	332,24°D PLUS 3 ADULT DAYS	332,24°D PLUS 10 ADULT DAYS
SECOND CYCLE													
THIRD CYCLE													

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

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COUNTY:COQUIMBO - PROVINCE: ELQUI - REGION:COQUIMBO

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WEEKS / REPORTS #	18-09-2023 TO 24-09-2023 #27	25-09-2023 TO 01-10-2023 #28	02-10-2023 TO 08-10-2023 #29	09-10-2023 TO 15-10-2023 #30	16-10-2023 TO 22-10-2023 #31	23-10-2023 TO 29-10-2023 #32	30-10-2023 TO 05-11-2023 #33	06-11-2023 TO 12-11-2023 #34	13-11-2023 TO 19-11-2023 #35	20-11-2023 TO 26-11-2023 #36	27-11-2023 TO 03-12-2023 #37	04-12-2023 TO 10-12-2023 #38	11-12-2023 TO 17-12-2023 #39
ITEMS /WORKS													
ADULTS DETECTION													
DATE FIRST DETECTION	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023
DATE LAST DETECTION	10-07-2023	10-07-2023	10-07-2023	10-07-2023	10-07-2023	10-07-2023	10-07-2023	10-07-2023	10-07-2023	10-07-2023	10-07-2023	10-07-2023	10-07-2023
N° TOTAL DETECTIONS	25	25	25	25	25	25	25	25	25	25	25	25	25
N° WEEK SINCE LAST DETECTION	10	11	12	13	14	15	16	17	18	19	20	21	22
N° OF TRAPS AT WORKING AREA	1.184	1.184	1.184	1.184	1.184	1.184	1.184	1.184	1.184	1.184	1.178	1.178	1.178
N° OF TRAPS INSPECTION	32.338	32.750	33.594	33.969	34.775	35.303	36.265	37.383	38.321	39.201	40.134	41.275	42.326
INSPECTION FRECUENCY	TWICE A WEEK	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY
DETECTION OF INMATURE STAGE													
FIRST LARVAL FOCI	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023
LAST LARVAL FOCI	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023
N° OF DETECTED LARVAL FOCIS	4	4	4	4	4	4	4	4	4	4	4	4	4
N° OF WEEKS SINCE LAST LARVAL FOCI	24	25	26	27	28	29	30	31	32	33	34	35	36
N° OF PLACES VISITED	12.970	12.970	13.050	13.050	13.052	13.065	13.071	13.098	13.100	13.110	13.146	13.213	13.282
N° OF PLACES WITH FRUIT SAMPLES	1.730	1.730	1.753	1.753	1.754	1.756	1.757	1.758	1.759	1.760	1.776	1.791	1.817
N° FRUIT SAMPLE ANALYZED	9.180	9.457	9.690	9.828	10.006	10.133	10.264	10.396	10.538	10.683	10.856	11.018	11.210
N° OF FRUIT UNITS ANALYZED	123.780	128.371	132.379	135.080	138.367	140.235	141.901	143.705	145.642	147.274	149.178	150.597	152.466
N° FRUIT KILOS ANALYZED	3.100,60	3.278,15	3.417,64	3.534,40	3.674,70	3.787,51	3.911,01	4.050,58	4.159,70	4.280,58	4.385,19	4.492,62	4.575,10
N° FRUIT SPECIES ANALYZED	84	84	85	85	85	85	85	85	85	85	85	85	85
UNITS OF INFESTED FRUIT	11	11	11	11	11	11	11	11	11	11	11	11	11
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
N° OF FRUIT SPECIES INFESTED	1	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)	139	139	139	139	139	139	139	139	139	139	139	139	139
N° OF PLACES WITH SOIL TREATMENT	864	864	864	864	864	864	864	864	864	864	864	864	864
SQUARE MTS2 OF SOIL TREATMENT	13.029,1	13.029,1	13.029,1	13.029,1	13.029,1	13.029,1	13.029,1	13.029,1	13.029,1	13.029,1	13.029,1	13.029,1	13.029,1
LITERS OF DZN APPLIED	187.464	187.464	187.464	187.464	187.464	187.464	187.464	187.464	187.464	187.464	187.464	187.464	187.464
KILOS OF FRUIT STRIPPED	3.966,8	3.966,8	3.966,8	3.966,8	3.966,8	3.966,8	3.966,8	3.966,8	3.966,8	3.966,8	3.966,8	3.966,8	3.966,8
N° OF FRUIT SPECIES STRIPPED	36	36	36	36	36	36	36	36	36	36	36	36	36
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS													
FIRST CYCLE	332,24°D PLUS 15 ADULT DAYS												
SECOND CYCLE	9,67°D	32,4°D	58,51°D	82,2°D	114,45°D	147,92°D	216,23°D	281,12°D	331,9°D PLUS 1 ADULT DAY	332,62°D PLUS 8 ADULTO DAYS	332,62°D PLUS 10 ADULTO DAYS	30,04°D	68,7°D
THIRD CYCLE													113,36°D

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

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COUNTY:COQUIMBO - PROVINCE: ELQUI - REGION:COQUIMBO

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WEEKS / REPORTS #	18-12-2023 TO 24-12-2023 #40	25-12-2023 TO 31-12-2023 #41	01-01-2024 TO 07-01-2024 #42	08-01-2024 TO 14-01-2024 #43	15-01-2024 TO 15-01-2024 #44
ITEMS /WORKS					
ADULTS DETECTION					
DATE FIRST DETECTION	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023
DATE LAST DETECTION	10-07-2023	10-07-2023	10-07-2023	10-07-2023	10-07-2023
N° TOTAL DETECTIONS	25	25	25	25	25
N° WEEK SINCE LAST DETECTION	23	24	25	26	27
N° OF TRAPS AT WORKING AREA	1.178	1.178	1.178	1.178	1.178
N° OF TRAPS INPECTION	43.378	44.539	45.609	46.663	46.877
INSPECTION FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY	SNDMF FRECUENCY
DETECTION OF INMATURE STAGE					
FIRST LARVAL FOCI	20-03-2023	20-03-2023	20-03-2023	20-03-2023	20-03-2023
LAST LARVAL FOCI	05-04-2023	05-04-2023	05-04-2023	05-04-2023	05-04-2023
N° OF DETECTED LARVAL FOCIS	4	4	4	4	4
N° OF WEEKS SINCE LAST LARVAL FOCI	37	38	39	40	41
N° OF PLACES VISITED	13.282	13.282	13.282	13.282	13.297
Nº OF PLACES WITH FRUIT SAMPLES	1.817	1.817	1.817	1.817	1.818
N° FRUIT SAMPLE ANALYZED	11.294	11.332	11.340	11.346	11.348
Nº OF FRUIT UNITS ANALYZED	153.864	154.489	154.595	154.693	154.698
N° FRUIT KILOS ANALYZED	4.606,50	4.617,60	4.621,20	4.623,23	4.623,70
N° FRUIT SPECIES ANALYZED	85	85	85	85	85
UNITS OF INFESTED FRUIT	11	11	11	11	11
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,01	0,01	0,01	0,01	0,01
N° OF FRUIT SPECIES INFESTED	1	1	1	1	1
CONTROL FOR INMATURE STAGES AND ADULTS					
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	139	139	139	139	139
N° OF PLACES WITH SOIL TREATMENT	864	864	864	864	864
SQUARE MTS2 OF SOIL TREATMENT	13.029,1	13.029,1	13.029,1	13.029,1	13.029,1
LITERS OF DZN APPLIED	187.464	187.464	187.464	187.464	187.464
KILOS OF FRUIT STRIPPED	3.966,8	3.966,8	3.966,8	3.966,8	3.966,8
N° OF FRUIT SPECIES STRIPPED	36	36	36	36	36
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS					
FIRST CYCLE					
SECOND CYCLE					
THIRD CYCLE	167,43°D	258,86°D	336,48°D PLUS 2 ADULT DAYS	336,48°D PLUS 9 ADULT DAYS	336,48°D PLUS 10 ADULT DAYS

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