



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

COUNTY:COQUIMBO - PROVINCE: ELQUI - REGION:COQUIMBO

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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	1124	1161	1163	1162	1162	1162	1162
N° OF TRAPS INPECTION	163	528	1030	1747	2706	3816	4783	5971	7357	8656	10081	11447	12836
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	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	1308	1569	4637	7171	7441	9272	10510	11606	11616	11638	11933	12021
Nº OF PLACES WITH FRUIT SAMPLES	58	150	606	686	990	1020	1183	1342	1512	1513	1515	1557	1575
N° FRUIT SAMPLE ANALYZED	110	361	737	1815	2863	3596	4053	4570	5086	5230	5337	5749	6092
Nº OF FRUIT UNITS ANALYZED	1201	3987	7618	21854	35840	42480	48389	53258	58069	60078	61617	68887	73621
N° FRUIT KILOS ANALYZED	79,262	179,677	287,525	529,76	749,682	889,134	962,51	1049,25	1139,7	1173,7	1205,2	1359,2	1461,7
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 INMATURE 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	218	403,5	797,5	1050,5	1316,5	1734,5	2376,5	3057,5	3816,5	4388,5	4893,5	5309,5
LITERS OF DZN APPLIED	1885	3755	7125	12170	17891	21416	25838	33648	43798	51852	59422	66287	73152
KILOS OF FRUIT STRIPPED	233,2	419,2	590,3	652,4	812,12	940,02	1087,42	1206,5	1277	1376,8	1542,4	1618,9	1644,1
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
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
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
N° TOTAL DETECTIONS	23	24	24	25	25	25	25	25	25	25	25
N° WEEK SINCE LAST DETECTION	7	0	1	0	1	2	3	4	5	6	7
N° OF TRAPS AT WORKING AREA	1162	1163	1165	1179	1179	1179	1179	1179	1179	1182	1184
N° OF TRAPS INSPECTION	14259	15631	17059	18361	19818	21193	22556	23935	25332	26712	28119
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
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
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
N° OF DETECTED LARVAL FOCIS	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
N° OF PLACES VISITED	12110	12116	12246	12301	12319	12321	12368	12591	12660	12664	12865
Nº OF PLACES WITH FRUIT SAMPLES	1586	1589	1604	1632	1635	1636	1647	1673	1684	1687	1709
N° FRUIT SAMPLE ANALYZED	6328	6515	6756	7027	7385	7548	7761	7985	8145	8367	8546
Nº OF FRUIT UNITS ANALYZED	77236	80731	83939	87708	93035	96476	99944	103190	105837	110165	113353
N° FRUIT KILOS ANALYZED	1540,8	1625,37	1738,54	1838,97	1982,98	2147,89	2300,04	2377,7	2443,18	2619,34	2723,78
N° FRUIT SPECIES ANALYZED	77	78	79	80	81	81	82	83	83	83	83
UNITS OF INFESTED FRUIT	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
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)	112	114,75	118,75	123,75	125,25	129,25	129,25	133,5	133,5	136,5	136,5
N° OF PLACES WITH SOIL TREATMENT	557	582	608	639	682	721	784	830	850	855	862
SQUARE MTS2 OF SOIL TREATMENT	5687,5	6065	6517,1	7368,1	8363,1	9315,1	10920,6	12129,1	12789,1	12845,1	12959,1
LITERS OF DZN APPLIED	78112	85040	91534	108109	125589	140274	160004	175504	184704	185324	186604
KILOS OF FRUIT STRIPPED	1705,3	1850,4	2562,7	2723	3370,2	3423,9	3512,1	3607,7	3712,8	3875,2	3966,7
N° OF FRUIT SPECIES STRIPPED	27	27	27	30	30	31	31	35	35	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
SECOND CYCLE											
THIRD CYCLE											

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