







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

**COUNTY: CHIMBARONGO - PROVINCE: COLCHAGUA - REGION: O'HIGGINS**

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WEEKS / REPORTS #	14-10-2024 TO 20-10-2024 #25	21-10-2024 TO 27-10-2024 #26	28-10-2024 TO 03-11-2024 #27	04-11-2024 TO 10-11-2024 #28	11-11-2024 TO 17-11-2024 #29	18-11-2024 TO 24-11-2024 #30	25-11-2024 TO 01-12-2024 #31	02-12-2024 TO 08-12-2024 #32	09-12-2024 TO 15-12-2024 #33	16-12-2024 TO 22-12-2024 #34	23-12-2024 TO 29-12-2024 #35	30-12-2024 TO 05-01-2025 #36
<b>ITEMS /WORKS</b>												
<b>ADULTS DETECTION</b>												
DATE FIRST DETECTION	08-04-24	08-04-24	08-04-24	08-04-24	08-04-24	08-04-24	08-04-24	08-04-24	08-04-24	08-04-24	08-04-24	08-04-24
DATE LAST DETECTION	29-04-24	29-04-24	29-04-24	29-04-24	29-04-24	29-04-24	29-04-24	29-04-24	29-04-24	29-04-24	29-04-24	29-04-24
N° TOTAL DETECTIONS	3	3	3	3	3	3	3	3	3	3	3	3
N° WEEK SINCE LAST DETECTION	24	25	26	27	28	29	30	31	32	33	34	35
N° OF TRAPS AT WORKING AREA	859	859	859	859	859	859	859	859	859	859	859	1.164
N° OF TRAPS INFECTION	33.129	34.348	35.566	36.786	38.006	39.231	40.451	41.293	42.149	43.554	44.924	45.723
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
<b>DETECTION OF INMATURE STAGE</b>												
FIRST LARVAL FOCI	0	0	0	0	0	0	0	0	0	0	0	0
LAST LARVAL FOCI	0	0	0	0	0	0	0	0	0	0	0	0
N° OF DETECTED LARVAL FOCIS	0	0	0	0	0	0	0	0	0	0	0	0
N° OF WEEKS SINCE LAST LARVAL FOCI	0	0	0	0	0	0	0	0	0	0	0	0
N° OF PLACES VISITED	8.855	8.886	8.900	8.920	8.932	8.950	8.993	9.103	9.165	9.179	9.198	9.245
N° OF PLACES WITH FRUIT SAMPLES	1387	1388	1394	1409	1419	1420	1440	1465	1485	1491	1499	1509
N° FRUIT SAMPLE ANALYZED	7.427	7.569	7.822	7.904	8.593	9.054	9.221	9.423	9.682	9.822	9.983	10.155
N° OF FRUIT UNITS ANALYZED	59.558	60.529	61.678	62.075	65.408	68.056	69.701	71.743	73.826	74.878	76.355	77.914
N° FRUIT KILOS ANALYZED	3313,88	3359,77	3456,4	3485,52	3895,94	4131,01	4203,28	4278,29	4373,7	4424,91	4467,13	4510,16
N° FRUIT SPECIES ANALYZED	40	40	40	40	40	40	40	40	40	40	40	40
UNITS OF INFESTED FRUIT	0	0	0	0	0	0	0	0	0	0	0	0
ACCUMULATIVE INFECTION PERCENTAGE (1)	0	0	0	0	0	0	0	0	0	0	0	0
N° OF FRUIT SPECIES INFESTED	0	0	0	0	0	0	0	0	0	0	0	0
<b>CONTROL FOR INMATURE STAGES AND ADULTS</b>												
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6	37,6
N° OF PLACES WITH SOIL TREATMENT	621	658	658	683	683	683	684	702	702	702	702	702
SQUARE MTS2 OF SOIL TREATMENT	11340,002	11366,002	11366,002	11579,02	11579,02	11579,02	11609,02	11609,02	11609,02	11609,02	11609,02	11609,02
LITERS OF DZN APPLIED	118977	119212	119212	121362	121362	121362	121662	121662	121662	121662	121662	121662
KILOS OF FRUIT STRIPPED	5417	5417	5417	5417	5417	5417	5417	5417	5417	5417	5417	5417
N° OF FRUIT SPECIES STRIPPED	31	31	31	31	31	31	31	31	31	31	31	31
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>												
FIRST CYCLE	241,36°D	292,17°D	341,33°D PLUS 3 ADULT DAYS	341,33°D PLUS 10 ADULT DAYS								
SECOND CYCLE					52,46°D	122,21°D	192,58 °D	269,28°D	334,23 °D PLUS 5 ADULT DAYS			
THIRD CYCLE										41,53°D	132,66°D	239,82



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WEEKS / REPORTS #	06-01-2025 TO 12-01-2025 #37	13-01-2024 TO 19-01-2024 #38	20/01/2025 TO 21-01-2025
<b>ITEMS /WORKS</b>			
<b>ADULTS DETECTION</b>			
DATE FIRST DETECTION	08-04-24	08-04-24	08-04-24
DATE LAST DETECTION	29-04-24	29-04-24	29-04-24
N° TOTAL DETECTIONS	3	3	3
N° WEEK SINCE LAST DETECTION	36	36	36
N° OF TRAPS AT WORKING AREA	1.164	1.174	1.174
N° OF TRAPS INSPECTION	46.866	48.027	48.586
INSPECTION FRECUENCY	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK
<b>DETECTION OF INMATURE STAGE</b>			
FIRST LARVAL FOCI	0	0	0
LAST LARVAL FOCI	0	0	0
N° OF DETECTED LARVAL FOCIS	0	0	0
N° OF WEEKS SINCE LAST LARVAL FOCI	0	0	0
N° OF PLACES VISITED	9.501	9.596	9.616
N° OF PLACES WITH FRUIT SAMPLES	1607	1649	1653
N° FRUIT SAMPLE ANALYZED	10.494	10.892	11.257
N° OF FRUIT UNITS ANALYZED	81.540	85.268	89.176
N° FRUIT KILOS ANALYZED	4585,29	4659,98	4736,19
N° FRUIT SPECIES ANALYZED	40	40	40
UNITS OF INFESTED FRUIT	0	0	0
ACCUMULATIVE INFECTION PERCENTAGE (1)	0	0	0
N° OF FRUIT SPECIES INFESTED	0	0	0
<b>CONTROL FOR INMATURE STAGES AND ADULTS</b>			
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	37,6	37,6	37,6
N° OF PLACES WITH SOIL TREATMENT	709	709	709
SQUARE MTS2 OF SOIL TREATMENT	11609,02	11609,02	11609,02
LITERS OF DZN APPLIED	121662	121662	121662
KILOS OF FRUIT STRIPPED	5417	5417	5417
N° OF FRUIT SPECIES STRIPPED	31	31	31
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>			
FIRST CYCLE			
SECOND CYCLE			
THIRD CYCLE	337,24 PLUS 1 ADULT DAYS	334,24 PLUS 8 ADULT DAYS	334,24 PLUS 10 ADULT DAYS