



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

COUNTY: MALLOA- PROVINCE: CACHAPOAL - REGION: O'HIGGINS

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WEEKS / REPORTS #	14-03-2025 TO 16-03-2025 #1	17-03-2025 TO 23-03-2025 #2	24-03-2025 TO 30-03-2025 #3	31-03-2025 TO 06-04-2025 #4	07-04-2025 TO 13-04-2025 #5	14-04-2025 TO 20-04-2025 #6	21-04-2025 TO 27-04-2025 #7	28-04-2025 TO 04-05-2025 #8	05-05-2025 TO 11-05-2025 #9	12-05-2025 TO 18-05-2025 #10	19-05-2025 TO 25-05-2025 #11	26-05-2025 TO 01-06-2025 #12	
ITEMS /WORKS													
ADULTS DETECTION													
DATE FIRST DETECTION	10-03-2025	10-03-2025	10-03-2025	10-03-2025	10-03-2025	10-03-2025	10-03-2025	10-03-2025	10-03-2025	10-03-2025	10-03-2025	10-03-2025	
DATE LAST DETECTION	14-03-2025	20-03-2025	27-03-2025	03-04-2025	03-04-2025	17-04-2025	22-04-2025	02-05-2025	05-05-2025	05-05-2025	05-05-2025	05-05-2025	
N° TOTAL DETECTIONS	4	10	12	13	13	16	19	21	24	24	24	24	
N° WEEK SINCE LAST DETECTION	0	0	0	0	0	0	0	0	0	1	2	3	
N° OF TRAPS AT WORKING AREA	234	1.288	1.792	1.796	1.792	1.792	1.792	1.975	1.975	1.975	1.977	2.005	
N° OF TRAPS INPECTION	234	1.811	4.140	6.627	8.902	11.347	13.792	15.757	18.456	21.197	23.922	26.714	
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	
DETECTION OF INMATURE STAGE													
FIRST LARVAL FOCI	12-03-2025	12-03-2025	12-03-2025	12-03-2025	12-03-2025	12-03-2025	12-03-2025	12-03-2025	12-03-2025	12-03-2025	12-03-2025	12-03-2025	
LAST LARVAL FOCI	16-03-2025	16-03-2025	28-03-2025	04-04-2025	10-04-2025	10-04-2025	25-04-2025	01-05-2025	01-05-2025	01-05-2025	01-05-2025	01-05-2025	
N° OF DETECTED LARVAL FOCIS	2	2	5	8	13	13	14	15	15	15	15	15	
N° OF WEEKS SINCE LAST LARVAL FOCI	0	1	0	0	0	1	0	0	1	2	3	4	
N° OF PLACES VISITED	31	59	91	165	300	427	641	758	843	864	1.064	1.110	
N° OF PLACES WITH FRUIT SAMPLES	27	46	63	91	150	185	263	313	362	373	460	478	
N° FRUIT SAMPLE ANALYZED	85	577	1153	1777	2757	3584	4421	5704	6457	7.004	8.024	9.289	
N° OF FRUIT UNITS ANALYZED	10150	19569	26633	35057	43443	54903	60422	70105	76057	80.167	86.461	93.044	
N° FRUIT KILOS ANALYZED	260,76	582,227	1049,493	1570,955	2026,727	2421,25	2612,555	2992,662	3333,191	3577,348	4076,684	4668,576	
N° FRUIT SPECIES ANALYZED	28	32	37	39	40	45	46	51	54	54	54	54	
UNITS OF INFESTED FRUIT	6	6	9	12	16	16	19	20	20	20	20	20	
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,060	0,031	0,034	0,034	0,037	0,029	0,031	0,029	0,026	0,025	0,023	0,021	
N° OF FRUIT SPECIES INFESTED	2	2	2	2	3	3	3	3	3	3	3	3	
CONTROL FOR INMATURE STAGES AND ADULTS													
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	220	410	586	766	1.716	1.716	2.103	2.214	2441	2928,5	3566,5	3854,5	
N° OF PLACES WITH SOIL TREATMENT	0	0	0	1	2	3	4	9	10	29	33	35	
SQUARE MTS2 OF SOIL TREATMENT	0	140.325	141.070	141.795	142.795	145.290	146.532	152.284,50	154.916	160.612,50	167097,5	170859,5	
LITERS OF DZN APPLIED	0	24.750	32.300	39.450	49.450	74.350	86.770	142.570	169.120	226.095	268845	306465	
KILOS OF FRUIT STRIPPED	0	6.600	6.600	63.700	64.895	67.865	69.859	70.393	70.924	71.179	72120	73099,5	
N° OF FRUIT SPECIES STRIPPED	0	1	1	3	14	17	19	22	25	25	28	30	
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS													
FIRST CYCLE	55,05°D AIR	12,1°D AIR	23,4°D AIR	17,7°D AIR	13,25°D AIR	19,3°D AIR	7,75°D AIR	6,74°D AIR	18,04°D AIR	29,33°D AIR	51,44°D AIR	53,72°D AIR	
SECOND CYCLE	0	0	0	0	0	0	0	0	0	0	0	0	
THIRD CYCLE	0	0	0	0	0	0	0	0	0	0	0	0	



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WEEKS / REPORTS #	02-06-2025 TO 08-06-2025 #13	09-06-2025 TO 15-06-2025 #14	16-06-2025 TO 22-06-2025 #15	23-06-2025 TO 29-06-2025 #16	30-06-2025 TO 06-07-2025 #17	07-07-2025 TO 13-07-2025 #18	14-07-2025 TO 20-07-2025 #19	21-07-2025 TO 27-07-2025 #20	28-07-2025 TO 03-08-2025 #21	04-08-2025 TO 10-08-2025 #22	11-08-2025 TO 17-08-2025 #23	18-08-2025 TO 24-08-2025 #24
ITEMS /WORKS												
ADULTS DETECTION												
DATE FIRST DETECTION	10-03-2025	10-03-2025	10-03-2025	10-03-2025	10-03-2025	10-03-2025	10-03-2025	10-03-2025	10-03-2025	10-03-2025	10-03-2025	10-03-2025
DATE LAST DETECTION	05-05-2025	05-05-2025	05-05-2025	05-05-2025	05-05-2025	05-05-2025	05-05-2025	05-05-2025	05-05-2025	05-05-2025	05-05-2025	05-05-2025
N° TOTAL DETECTIONS	24	24	24	24	24	24	24	24	24	24	24	24
N° WEEK SINCE LAST DETECTION	4	5	6	7	8	9	10	11	12	13	14	15
N° OF TRAPS AT WORKING AREA	2.002	2.005	2005	2.005	2.005	2.005	2.005	2.005	2005	2005	2005	2005
N° OF TRAPS INSPECTION	29.493	32.273	34988	37.781	40.590	43.396	46.204	49.335	51349	54571	57123	60106
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
DETECTION OF INMATURE STAGE												
FIRST LARVAL FOCI	12-03-2025	12-03-2025	12-03-2025	12-03-2025	12-03-2025	12-03-2025	12-03-2025	12-03-2025	12-03-2025	12-03-2025	12-03-2025	12-03-2025
LAST LARVAL FOCI	01-05-2025	01-05-2025	01-05-2025	01-05-2025	01-05-2025	01-05-2025	01-05-2025	01-05-2025	01-05-2025	01-05-2025	01-05-2025	01-05-2025
N° OF DETECTED LARVAL FOCIS	15	15	15	15	15	15	15	15	15	15	15	15
N° OF WEEKS SINCE LAST LARVAL FOCI	5	6	7	8	9	10	11	12	13	14	15	16
N° OF PLACES VISITED	1.184	1.199	1239	1.302	1.327	1.370	1.455	1.623	1671	1792	1838	1917
N° OF PLACES WITH FRUIT SAMPLES	516	530	545	574	586	610	646	672	678	699	717	740
N° FRUIT SAMPLE ANALYZED	10.777	12.097	13538	15.290	16.510	17.544	18.259	19.297	19.997	20794	21717	22865
N° OF FRUIT UNITS ANALYZED	103.255	112.153	120001	131.510	140.096	143.938	147.347	153.011	156.143	160.351	166910	172681
N° FRUIT KILOS ANALYZED	5342,818	5978,183	6559,453	7.418,040	7.864,940	8.282,000	8.572,000	8929,01	9175,78	9450,99	9774,75	10.284,78
N° FRUIT SPECIES ANALYZED	54	54	54	54	54	54	54	54	54	54	54	54
UNITS OF INFESTED FRUIT	20	20	20	20	20	20	20	20	20	20	20	20
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,019	0,018	0,017	0,015	0,014	0,014	0,014	0,013	0,010	0,012	0,012	0,012
N° OF FRUIT SPECIES INFESTED	3	3	3	3	3	3	3	3	3	3	3	3
CONTROL FOR INMATURE STAGES AND ADULTS												
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	4369,5	4670,5	4670,5	4.671	4.671	4.671	4.671	4670,5	4670,5	4670,5	4670,5	4,670,5
N° OF PLACES WITH SOIL TREATMENT	42	45	54	74	99	118	118	128	131	156	166	168
SQUARE MTS2 OF SOIL TREATMENT	178429,5	180239,5	181487,5	189.641,5	196.971,0	201.394,0	205.747,0	210650,5	212735,5	219592,5	223785,5	229409,5
LITERS OF DZN APPLIED	382165	400265	412829	494.909	568.224	612.184	655.159	704189	725039	792129	833779	890019
KILOS OF FRUIT STRIPPED	73236,01	73435,418	77575,186	77.675,95	77.935,00	78.246,00	78.421,00	78469,27	78494,27	78530,27	78646,27	78690,77
N° OF FRUIT SPECIES STRIPPED	30	31	31	32	33	35	35	35	35	35	35	35
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS												
FIRST CYCLE	63,79 °D AIR	77,39°D AIR	80,34 °D AIR	80,34 °D AIR	80,34 °D AIR	80,34 °D AIR	80,34 °D AIR	86,1°D AIR	100,64°D AIR	109,4° D AIR	125,96° D AIR	134,35° D AIR
SECOND CYCLE	0	0	0	0	0	0	0	0	0	0	0	0
THIRD CYCLE	0	0	0	0	0	0	0	0	0	0	0	0



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WEEKS / REPORTS #	25-08-2025 TO 31-08-2025 #25	01-09-2025 TO 07-09-2025 #26
ITEMS /WORKS		
ADULTS DETECTION		
DATE FIRST DETECTION	10-03-2025	10-03-2025
DATE LAST DETECTION	05-05-2025	05-05-2025
N° TOTAL DETECTIONS	24	24
N° WEEK SINCE LAST DETECTION	16	17
N° OF TRAPS AT WORKING AREA	2005	2005
N° OF TRAPS INPECTION	62719	65465
INSPECTION FRECUENCY	TWICE A WEEK	TWICE A WEEK
DETECTION OF INMATURE STAGE		
FIRST LARVAL FOCI	12-03-2025	12-03-2025
LAST LARVAL FOCI	01-05-2025	01-05-2025
N° OF DETECTED LARVAL FOCIS	15	15
N° OF WEEKS SINCE LAST LARVAL FOCI	17	18
N° OF PLACES VISITED	1974	1992
Nº OF PLACES WITH FRUIT SAMPLES	776	791
N° FRUIT SAMPLE ANALYZED	24293	26631
Nº OF FRUIT UNITS ANALYZED	180920	191975
N° FRUIT KILOS ANALYZED	10,836,66	11,855,15
N° FRUIT SPECIES ANALYZED	54	56
UNITS OF INFESTED FRUIT	20	20
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,011	0,010
N° OF FRUIT SPECIES INFESTED	3	3
CONTROL FOR INMATURE STAGES AND ADULTS		
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	4,670,5	4,670,5
N° OF PLACES WITH SOIL TREATMENT	168	178
SQUARE MTS2 OF SOIL TREATMENT	235093,5	247438,5
LITERS OF DZN APPLIED	946859	1070539
KILOS OF FRUIT STRIPPED	78813,23	78813,23
N° OF FRUIT SPECIES STRIPPED	35	35
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS		
FIRST CYCLE	AIR PLUS 2,09° D SOIL	146,72° D AIR PLUS 20,11° D SOIL
SECOND CYCLE	0	0
THIRD CYCLE	0	0