



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

**COUNTY: SAN ESTEBAN - PROVINCE: LOS ANDES - REGION: VALPARAÍSO**

PAG 1

WEEKS / REPORTS #	25-03-2024 TO 31-03-2024 #1	01-04-2024 TO 07-04-2024 #2	08-04-2024 TO 14-04-2024 #3	15-04-2024 TO 21-04-2024 #4	22-04-2024 TO 28-04-2024 #5	29-04-2024 TO 05-05-2024 #6	06-05-2024 TO 12-05-2024 #7	13-05-2024 TO 19-05-2024 #8	20-05-2024 TO 26-05-2024 #9	27-05-2024 TO 02-06-2024 #10	03-06-2024 TO 09-06-2024 #11	10-06-2024 TO 16-06-2024 #12
<b>ITEMS /WORKS</b>												
<b>ADULTS DETECTION</b>												
DATE FIRST DETECTION	29-02-2024	29-02-2024	29-02-2024	29-02-2024	29-02-2024	29-02-2024	29-02-2024	29-02-2024	29-02-2024	29-02-2024	29-02-2024	29-02-2024
DATE LAST DETECTION	28-03-2024	01-04-2024	08-04-2024	08-04-2024	08-04-2024	08-04-2024	08-04-2024	08-04-2024	08-04-2024	08-04-2024	08-04-2024	08-04-2024
N° TOTAL DETECTIONS	4	5	6	6	6	6	6	6	6	6	6	6
N° WEEK SINCE LAST DETECTION	0	0	0	1	2	3	4	5	6	7	8	9
N° OF TRAPS AT WORKING AREA	261	350	386	438	464	583	589	589	541	541	541	541
N° OF TRAPS INPECTION	1520	2144	2688	3301	3907	4698	5425	6248	6789	7573	8347	9033
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	60	60	60	80	161	223	311	427	491	757	825	893
Nº OF PLACES WITH FRUIT SAMPLES	55	55	55	70	110	142	187	229	261	406	438	464
N° FRUIT SAMPLE ANALYZED	258	258	258	525	875	1038	1264	1639	1856	2225	2888	3294
Nº OF FRUIT UNITS ANALYZED	3132	3132	3132	5379	7834	9270	10933	14472	15856	17559	21437	23701
N° FRUIT KILOS ANALYZED	192	192	192	323,1	590,7	705,85	851,1	1026	1113	1310	1717	1916,3
N° FRUIT SPECIES ANALYZED	11	11	11	26	26	26	26	26	26	28	29	31
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)	410	910	930	1280	1280	1680	1680	1880	2080	2550	2550	2550
N° OF PLACES WITH SOIL TREATMENT	0	2	2	4	9	10	14	14	15	15	15	15
SQUARE MTS2 OF SOIL TREATMENT	0	175	915	1405	1880	2155	2255	2720	2720	2995	3115	3115
LITERS OF DZN APPLIED	0	1750	9150	14400	20000	23000	24000	31500	31500	36500	38150	38150
KILOS OF FRUIT STRIPPED	32,07	302	877	910	1440	2575,15	2974	3447,5	4347,5	5057,5	5131	5131
N° OF FRUIT SPECIES STRIPPED	10	10	10	10	16	16	17	17	17	17	17	17
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>												
FIRST CYCLE	59,64°D	81,81°D	143,75°D	120,11°D	167,28°D	198,36°D	220,26°D	221,98°D	227,7°D	239,79°D	253,51°D	255,71°D
SECOND CYCLE												
THIRD CYCLE												

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





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PAG 3

WEEKS / REPORTS #	09-09-2024 TO 15-09-2024 #25	16-09-2024 TO 22-09-2024 #26	23-09-2024 TO 29-09-2024 #27	30-09-2024 TO 06-10-2024 #28	07-10-2024 TO 13-10-2024 #29	14-10-2024 TO 20-10-2024 #30	21-10-2024 TO 27-10-2024 #31	28-10-2024 TO 03-11-2024 #32	04-11-2024 TO 10-11-2024 #33	11-11-2024 TO 17-11-2024 #34	18-11-2024 TO 24-11-2024 #35	25-11-2024 TO 01-12-2024 #36
<b>ITEMS /WORKS</b>												
<b>ADULTS DETECTION</b>												
DATE FIRST DETECTION	29-02-2024	29-02-2024	29-02-2024	29-02-2024	29-02-2024	29-02-2024	29-02-2024	29-02-2024	29-02-2024	29-02-2024	29-02-2024	29-02-2024
DATE LAST DETECTION	08-04-2024	08-04-2024	08-04-2024	08-04-2024	08-04-2024	08-04-2024	08-04-2024	08-04-2024	08-04-2024	08-04-2024	08-04-2024	08-04-2024
N° TOTAL DETECTIONS	6	6	6	6	6	6	6	6	6	6	6	6
N° WEEK SINCE LAST DETECTION	22	23	24	25	26	27	28	29	30	31	32	33
N° OF TRAPS AT WORKING AREA	452	452	452	376	376	376	376	376	376	376	376	376
N° OF TRAPS INPECTION	17682	18160	18834	19432	20030	20628	21223	21599	22196	22785	23373	23966
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	4166	4193	4461	4757	5108	5588	6027	6235	6427	6971	7249	7402
Nº OF PLACES WITH FRUIT SAMPLES	2273	2286	2411	2577	2808	3138	3450	3607	3732	4103	4258	4333
N° FRUIT SAMPLE ANALYZED	7151	7337	7595	7850	7989	8074	8247	8331	8570	8837	9034	9351
Nº OF FRUIT UNITS ANALYZED	46886	47554	48424	49398	50076	50411	51126	51460	51857	53769	54934	56872
N° FRUIT KILOS ANALYZED	3465	3513	3595	3680	3726	3757	3813	3846	3922	4006	4078	4169
N° FRUIT SPECIES ANALYZED	37	38	38	38	38	38	38	38	38	38	38	38
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)	4950	4950	5070	5070	8980	8980	8980	9380	9380	9380	9380	9380
N° OF PLACES WITH SOIL TREATMENT	15	15	15	15	15	15	15	15	15	15	15	15
SQUARE MTS2 OF SOIL TREATMENT	3115	3115	3115	3115	3115	3115	3115	3115	3115	3115	3115	3115
LITERS OF DZN APPLIED	38150	38150	38150	38150	38150	38150	38150	38150	38150	38150	38150	38150
KILOS OF FRUIT STRIPPED	5131	5131	5131	5131	5131	5131	5131	5131	5131	5131	5131	5131
N° OF FRUIT SPECIES STRIPPED	17	17	17	17	17	17	17	17	17	17	17	17
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>												
FIRST CYCLE												
SECOND CYCLE	111,52°D	150,58°D	176,04°D	215,31°D	251,04°D	299,09°D	326,99°D PLUS 3 ADULT DAYS	326,99°D PLUS 10 ADULT DAYS				
THIRD CYCLE									85,54°D	170,19°D	241,31°D	308,68°D

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



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PAG 4

WEEKS / REPORTS #	02-12-2024 TO 08-12-2024 #37	09-12-2024 TO 14-12-2024 #38
<b>ITEMS /WORKS</b>		
<b>ADULTS DETECTION</b>		
DATE FIRST DETECTION	29-02-2024	29-02-2024
DATE LAST DETECTION	08-04-2024	08-04-2024
N° TOTAL DETECTIONS	6	6
N° WEEK SINCE LAST DETECTION	34	35
N° OF TRAPS AT WORKING AREA	376	376
N° OF TRAPS INPECTION	24561	24983
INSPECTION FRECUENCY	TWICE A WEEK	TWICE A WEEK
<b>DETECTION OF INMATURE STAGE</b>		
FIRST LARVAL FOCI	0	0
LAST LARVAL FOCI	0	0
N° OF DETECTED LARVAL FOCIS	0	0
N° OF WEEKS SINCE LAST LARVAL FOCI	0	0
N° OF PLACES VISITED	7618	7705
Nº OF PLACES WITH FRUIT SAMPLES	4440	4485
N° FRUIT SAMPLE ANALYZED	10097	10570
Nº OF FRUIT UNITS ANALYZED	63363	67464
N° FRUIT KILOS ANALYZED	4322	4456
N° FRUIT SPECIES ANALYZED	38	38
UNITS OF INFESTED FRUIT	0	0
ACCUMULATIVE INFECTION PERCENTAGE (1)	0	0
N° OF FRUIT SPECIES INFESTED	0	0
<b>CONTROL FOR INMATURE STAGES AND ADULTS</b>		
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	9380	9380
N° OF PLACES WITH SOIL TREATMENT	15	15
SQUARE MTS2 OF SOIL TREATMENT	3115	3115
LITERS OF DZN APPLIED	38150	38150
KILOS OF FRUIT STRIPPED	5131	5131
N° OF FRUIT SPECIES STRIPPED	17	17
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>		
FIRST CYCLE		
SECOND CYCLE		
THIRD CYCLE	333,58°D PLUS 4 ADULT DAYS	333,58°D PLUS 10 ADULT DAYS

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