



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

COUNTY: LOS ANDES - EL SAUCE SECTOR - REGION: VALPARAISO

ITEMS /WORKS	WEEKS / REPORTS #	08-03-18 TO 11-03-18 # 1	12-03-18 TO 18-03-18 # 2	19-03-18 TO 25-03-18 # 3	26-03-18 TO 01-04-18 # 4	02-04-18 TO 08-04-18 # 5	09-04-18 TO 15-04-18 # 6	16-04-18 TO 22-04-18 # 7	23-04-18 TO 29-04-18 # 8	30-04-18 TO 06-05-18 # 9	07-05-18 TO 13-05-18 # 10	14-05-18 TO 20-05-18 # 11	21-05-18 TO 27-05-18 # 12	28-05-18 TO 03-06-18 # 13	FINISH FIRST CYCLE	04-06-18 TO 10-06-18 # 14	11-06-18 TO 17-06-18 # 15	18-06-18 TO 24-06-18 # 16	25-06-18 TO 01-07-18 # 17	
ADULTS DETECTION																				
DATE FIRST DETECTION		08-03-2018	08-03-2018	08-03-2018	08-03-2018	08-03-2018	08-03-2018	08-03-2018	08-03-2018	08-03-2018	08-03-2018	08-03-2018	08-03-2018	08-03-2018		08-03-2018	08-03-2018	08-03-2018	08-03-2018	
DATE LAST DETECTION		10-03-2018	14-03-2018	14-03-2018	14-03-2018	14-03-2018	12-04-2018	12-04-2018	12-04-2018	12-04-2018	12-04-2018	12-04-2018	12-04-2018	12-04-2018		12-04-2018	12-04-2018	12-04-2018	12-04-2018	
N° TOTAL DETECTIONS		7	9	9	9	9	10	10	10	10	10	10	10	10		10	10	10	10	
N° WEEK SINCE LAST DETECTION		0	0	1	2	3	0	1	2	3	4	5	6	7		8	9	10	11	
N° OF TRAPS AT WORKING AREA		360	424	427	427	427	446	465	465	465	465	465	465	465		465	465	465	465	
N° OF TRAPS INSPECTION		85	778	1380	1870	2423	3058	3605	4321	4737	5303	5869	6435	6435		7235	7614	8079	8547	
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	TWICE A WEEK		TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	
DETECTION OF INMATURE STAGE																				
FIRST LARVAL FOCI		0	0	0	0	0	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	0		0	0	0	0	
N° OF DETECTED LARVAL FOCIS		0	0	0	0	0	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	0		0	0	0	0	
N° OF PLACES VISITED		11	85	104	104	188	222	235	240	247	256	256	256	256		256	256	256	256	
N° OF PLACES WITH FRUIT SAMPLES		7	62	88	91	157	191	203	208	215	224	224	224	224		224	224	224	224	
N° FRUIT SAMPLE ANALYZED		23	180	325	427	614	788	845	1031	1054	1082	1082	1082	1082		1082	1082	1082	1082	
N° OF FRUIT UNITS ANALYZED		1242	9205	13451	16506	23238	28296	30039	42559	43391	44290	44290	44290	44290		44290	44290	44290	44290	
N° FRUIT KILOS ANALYZED		55,15 Kg	185,60 Kg	298,1 Kg	343 Kg	439 Kg	519 Kg	586 Kg	762 Kg	787 Kg	802 Kg	802 Kg	802 Kg	802 Kg		802 Kg	802 Kg	802 Kg	802 Kg	
N° FRUIT SPECIES ANALYZED		10	23	23	25	32	32	32	32	32	32	32	32	32		32	32	32	32	
UNITS OF INFESTED FRUIT		0	0	0	0	0	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	0		0	0	0	0	
N° OF FRUIT SPECIES INFESTED		0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	
CONTROL FOR INMATURE STAGES AND ADULTS																				
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)		600	1800	3200	4000	4520	5200	5600	6515	6515	6515	6515	6515	6515		6515	6515	6515	6515	
N° OF PLACES WITH SOIL TREATMENT		4	5	6	8	10	10	10	11	11	12	12	12	12		12	12	12	12	
SQUARE MTS2 OF SOIL TREATMENT		100	1279	2201	2588	3103	3465	3525	4142	4142	4472	4472	4472	4472		4472	4472	4472	4472	
LITERS OF DZN APPLIED		1.000	12.300	20.700	25.050	30.650	33.750	35.150	40.750	40.750	44.050	44.050	44.050	44.050		44.050	44.050	44.050	44.050	
KILOS OF FRUIT STRIPPED		80	480	1176	1341	1929	1929	3746	4823	4823	4825	4825	4825	4825		4825	4825	4825	4825	
N° OF FRUIT SPECIES STRIPPED		3	5	7	8	8	8	8	8	8	8	8	8	8		8	8	8	8	
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS																				
FIRST CYCLE		11,10 D°	48,10 D°	133,95 D°	250,0 D°	334,1 D° plus 1 days oviposition	27,95 D°	103,9 D°	176,68 D°	238,45 D°	296,48 D°	331,0 D° plus 1 days oviposition	331,0 D° plus 8 days oviposition	331,0 D° plus 10 days oviposition	FINISH FIRST CYCLE	.....	.....	.....	.....
SECOND CYCLE				40,13 D°	70,2 D°	118,6 D°	152,2 D°
THIRD CYCLE	

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



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ITEMS /WORKS	WEEKS / REPORTS #	02-07-18 TO 08-07-18 # 18	09-07-18 TO 15-07-18 # 19	16-07-18 TO 22-07-18 # 20	23-07-18 TO 29-07-18 # 21	30-07-18 TO 05-08-18 # 22	06-08-18 TO 12-08-18 # 23	13-08-18 TO 19-08-18 # 24	20-08-18 TO 26-08-18 # 25	27-08-18 TO 02-09-18 # 26	03-09-18 TO 09-09-18 # 27	FINISH SECOND CYCLE	10-09-18 TO 16-09-18 # 28	17-09-18 TO 23-09-18 # 29	24-09-18 TO 30-09-18 # 30	01-10-18 TO 07-10-18 # 31	08-10-18 TO 14-10-18 # 32	15-10-18 TO 21-10-18 # 33	22-10-18 TO 28-10-18 # 34	
ADULTS DETECTION																				
DATE FIRST DETECTION		08-03-2018	08-03-2018	08-03-2018	08-03-2018	08-03-2018	08-03-2018	08-03-2018	08-03-2018	08-03-2018	08-03-2018		08-03-2018	08-03-2018	08-03-2018	08-03-2018	08-03-2018	08-03-2018	08-03-2018	08-03-2018
DATE LAST DETECTION		12-04-2018	12-04-2018	12-04-2018	12-04-2018	12-04-2018	12-04-2018	12-04-2018	12-04-2018	12-04-2018	12-04-2018		12-04-2018	12-04-2018	12-04-2018	12-04-2018	12-04-2018	12-04-2018	12-04-2018	12-04-2018
N° TOTAL DETECTIONS		10	10	10	10	10	10	10	10	10	10		10	10	10	10	10	10	10	10
N° WEEK SINCE LAST DETECTION		12	13	14	15	16	17	18	19	20	21		22	23	24	25	26	27	28	28
N° OF TRAPS AT WORKING AREA		465	465	465	465	465	465	465	465	465	465		465	465	465	465	465	465	465	465
N° OF TRAPS INSPECTION		8790	9255	9720	10185	10650	11003	11468	11933	12398	12863		13328	13561	14026	14491	14956	15400	15865	15865
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	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK	TWICE A WEEK
DETECTION OF INMATURE STAGE																				
FIRST LARVAL FOCI		0	0	0	0	0	0	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	0	0	0	0	0	0
N° OF DETECTED LARVAL FOCIS		0	0	0	0	0	0	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	0	0	0	0	0	0
N° OF PLACES VISITED		256	256	256	256	256	256	260	260	261	261		261	261	261	261	261	261	261	261
N° OF PLACES WITH FRUIT SAMPLES		224	224	224	224	224	224	228	228	229	229		229	229	229	229	229	229	229	229
N° FRUIT SAMPLE ANALYZED		1082	1082	1082	1082	1082	1082	1103	1103	1121	1121		1121	1121	1121	1121	1121	1121	1121	1121
N° OF FRUIT UNITS ANALYZED		44290	44290	44290	44290	44290	44290	44570	44570	44639	44639		44639	44639	44639	44639	44639	44639	44639	44639
N° FRUIT KILOS ANALYZED		802 Kg	802 Kg	802 Kg	802 Kg	802 Kg	802 Kg	861 Kg	861 Kg	886 Kg	886 Kg		886 Kg	886 Kg	886 Kg	886 Kg	886 Kg	886 Kg	886 Kg	886 Kg
N° FRUIT SPECIES ANALYZED		32	32	32	32	32	32	32	32	32	32		32	32	32	32	32	32	32	32
UNITS OF INFESTED FRUIT		0	0	0	0	0	0	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	0	0	0	0	0	0
N° OF FRUIT SPECIES INFESTED		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0
CONTROL FOR INMATURE STAGES AND ADULTS																				
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)		6515	6515	6515	6515	6515	6515	6515	6515	6515	6515		6515	6515	6515	6515	6515	6515	6515	6515
N° OF PLACES WITH SOIL TREATMENT		12	12	12	12	12	12	12	12	12	12		12	12	12	12	12	12	12	12
SQUARE MTS2 OF SOIL TREATMENT		4472	4472	4472	4472	4472	4472	4472	4472	4472	4472		4472	4472	4472	4472	4472	4472	4472	4472
LITERS OF DZN APPLIED		44.050	44.050	44.050	44.050	44.050	44.050	44.050	44.050	44.050	44.050		44.050	44.050	44.050	44.050	44.050	44.050	44.050	44.050
KILOS OF FRUIT STRIPPED		4825	4825	4825	4825	4825	4825	4825	4825	4825	4825		4825	4825	4825	4825	4825	4825	4825	4825
N° OF FRUIT SPECIES STRIPPED		8	8	8	8	8	8	8	8	8	8		8	8	8	8	8	8	8	8
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS																				
FIRST CYCLE	
SECOND CYCLE		163,01 D°	182,04 D°	189,57 D°	200,69 D°	212,14 D°	242,31 D°	275,27 D°	318,92 D°	330,84 D° plus 4 days oviposition	330,84 D° plus 10 days oviposition		.....	.....	.....	.....	.....	.....	.....	.....
THIRD CYCLE		5,73 D°		46,88 D°	92,68 D°	126,4 D°	201,5 D°	264,13 D°	329,56 D°+ 1 day adult	329,56 D°+ 8 days adult

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



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WEEKS / REPORTS #	29-10-18 TO 31-10-18 # 35
ITEMS /WORKS	
ADULTS DETECTION	
DATE FIRST DETECTION	08-03-2018
DATE LAST DETECTION	12-04-2018
N° TOTAL DETECTIONS	10
N° WEEK SINCE LAST DETECTION	29
N° OF TRAPS AT WORKING AREA	465
N° OF TRAPS INSPECTION	16048
INSPECTION FRECUENCY	ONCE A WEEK
DETECTION OF INMATURE STAGE	
FIRST LARVAL FOCI	0
LAST LARVAL FOCI	0
N° OF DETECTED LARVAL FOCIS	0
N° OF WEEKS SINCE LAST LARVAL FOCI	0
N° OF PLACES VISITED	261
N° OF PLACES WITH FRUIT SAMPLES	229
N° FRUIT SAMPLE ANALYZED	1121
N° OF FRUIT UNITS ANALYZED	44639
N° FRUIT KILOS ANALYZED	886 Kg
N° FRUIT SPECIES ANALYZED	32
UNITS OF INFESTED FRUIT	0
ACCUMULATIVE INFECTION PERCENTAGE (1)	0
N° OF FRUIT SPECIES INFESTED	0
CONTROL FOR INMATURE STAGES AND ADULTS	
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	6515
N° OF PLACES WITH SOIL TREATMENT	12
SQUARE MTS2 OF SOIL TREATMENT	4472
LITERS OF DZN APPLIED	44.050
KILOS OF FRUIT STRIPPED	4825
N° OF FRUIT SPECIES STRIPPED	8
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS	
FIRST CYCLE	.....
SECOND CYCLE	.....
THIRD CYCLE	329,56 D°+ 10 days adult OUTBREAK FINISH

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