



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

Pag. 1

COUNTY: LOS ANDES - CITY: LOS ANDES - REGION: VALPARAÍSO

WEEKS / REPORTS #	05-05-21 TO 08-05-21 # 1	10-05-21 TO 16-05-21 # 2	17-05-21 TO 23-05-21 # 3	24-05-21 TO 30- 05-21 # 4	31-05-21 TO 06-06-21 # 5	07-06-21 TO 13-06-21 # 6	14-06-21 TO 20-06-21 # 7	21-06-21 TO 27-06-21 # 8	28-06-21 TO 04-07-21 # 9	05-07-21 TO 11-07-21 # 10	12-07-21 TO 18-07-21 # 11	19-07-21 TO 25-07-21 # 12	26-07-21 TO 01-08-21 # 13
<b>ITEMS /WORKS</b>													
<b>ADULTS DETECTION</b>													
DATE FIRST DETECTION	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021
DATE LAST DETECTION	06-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021
N° TOTAL DETECTIONS	2	4	4	4	4	4	4	4	4	4	4	4	4
N° WEEK SINCE LAST DETECTION	0	1	2	3	4	5	6	7	8	9	10	11	12
N° OF TRAPS AT WORKING AREA	101	130	130	132	132	132	132	132	132	132	132	132	132
N° OF TRAPS INPECTION	91	308	568	856	1124	1388	1652	1850	2114	2378	2645	2911	3175
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
<b>DETECTION OF INMATURE STAGE</b>													
FIRST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
LAST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF DETECTED LARVAL FOCIS	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
N° OF PLACES VISITED	25	99	190	298	298	298	298	298	298	298	298	298	298
N° OF PLACES WITH FRUIT SAMPLES	20	84	123	207	207	207	207	207	207	207	207	207	207
N° FRUIT SAMPLE ANALYZED	102	324	399	593	625	646	690	736	736	736	736	736	745
N° OF FRUIT UNITS ANALYZED	578	1569	2170	3364	3744	3943	4330	4586	4586	4586	4586	4666	4666
N° FRUIT KILOS ANALYZED	46,6	128,6	171,1	254,2	278,9	286,3	311,6	331,1	331,1	331,1	331,1	336,1	336,1
N° FRUIT SPECIES ANALYZED	21	23	24	31	31	31	33	33	33	33	33	33	33
UNITS OF INFESTED FRUIT	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
N° OF FRUIT SPECIES INFESTED	0	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)	0	0	0	0	0	0	0	0	0	0	0	0	0
N° OF PLACES WITH SOIL TREATMENT	0	0	4	4	7	8	8	8	8	8	8	8	8
SQUARE MTS2 OF SOIL TREATMENT	0	50	380	380	540	625	650	769	809	809	809	809	809
LITERS OF DZN APPLIED	0	400	5900	6570	6870	8620	9360	11460	11860	11860	11860	11860	11860
KILOS OF FRUIT STRIPPED	192	677	2655	8065	11341	13527	14427	14881	15847,5	15847,5	15847,5	15847,5	15847,5
N° OF FRUIT SPECIES STRIPPED	9	9	10	18	21	21	21	21	21	21	21	21	21
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>													
FIRST CYCLE	15,28°D	29,31°D	59,56°D	107,3°D	155,3°D	178,4°D	188°D	190,3°D	194,1°D	200,95°D	201,63°D	213,1°D	223,9°D
SECOND CYCLE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
THIRD CYCLE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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



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WEEKS / REPORTS #	02-08-21 TO 08-08-21 # 14	09-08-21 TO 15-08-21 # 15	16-08-21 TO 22-08-21 # 16	23-08-21 TO 29-08-21 # 17	30-08-21 TO 05-09-21 # 18	06-09-21 TO 12-09-21 # 19	13-09-21 TO 19-09-21 # 20	20-09-21 TO 26-09-21 # 21	27-09-21 TO 03-10-21 # 22	04-10-21 TO 10-10-21 # 23	11-10-21 TO 17-10-21 # 24	18-10-21 TO 24-10-21 # 25	25-10-21 TO 31-10-21 # 26
<b>ITEMS /WORKS</b>													
<b>ADULTS DETECTION</b>													
DATE FIRST DETECTION	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021
DATE LAST DETECTION	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021
N° TOTAL DETECTIONS	4	4	4	4	4	4	4	4	4	4	4	4	4
N° WEEK SINCE LAST DETECTION	13	14	15	16	17	17	17	19	20	21	22	23	24
N° OF TRAPS AT WORKING AREA	132	132	132	132	132	132	132	132	132	132	132	132	132
N° OF TRAPS INPECTION	3439	3708	3851	3997	4260	4260	4493	4757	5021	5153	5259	5391	5520
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	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK
<b>DETECTION OF INMATURE STAGE</b>													
FIRST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
LAST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N° OF DETECTED LARVAL FOCIS	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
N° OF PLACES VISITED	298	298	298	298	298	298	298	298	298	298	298	298	298
Nº OF PLACES WITH FRUIT SAMPLES	207	207	207	207	207	207	207	207	207	207	207	207	207
N° FRUIT SAMPLE ANALYZED	745	745	745	745	745	745	745	745	745	774	774	774	774
Nº OF FRUIT UNITS ANALYZED	4666	4666	4666	4666	4666	4666	4666	4666	4666	4831	4831	4831	4831
N° FRUIT KILOS ANALYZED	336,1	336,1	336,1	336,1	336,1	336,1	336,1	336,1	336,1	343,6	343,6	343,6	343,6
N° FRUIT SPECIES ANALYZED	33	33	33	33	33	33	33	33	33	33	33	33	33
UNITS OF INFESTED FRUIT	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
N° OF FRUIT SPECIES INFESTED	0	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)	0	0	0	0	0	0	0	0	0	0	0	0	0
N° OF PLACES WITH SOIL TREATMENT	8	8	8	8	8	8	8	8	8	8	8	8	8
SQUARE MTS2 OF SOIL TREATMENT	809	809	809	809	809	809	809	809	809	809	809	809	809
LITERS OF DZN APPLIED	11860	11860	11860	11860	11860	11860	11860	11860	11860	11860	11860	11860	11860
KILOS OF FRUIT STRIPPED	15847,5	15847,5	15847,5	15847,5	15847,5	15847,5	15847,5	15847,5	15847,5	15847,5	15847,5	15847,5	15847,5
N° OF FRUIT SPECIES STRIPPED	21	21	21	21	21	21	21	21	21	21	21	21	21
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>													
FIRST CYCLE	242,9°D	248,4°D	265°D	281,9°D	308,5°D	315,69°D	330,45°D PLUS 3 DAYS ADULT	330,45°D PLUS 10 DAYS ADULT					
SECOND CYCLE	.....	.....	.....	.....	.....	.....	.....	.....	43,8°D	99,35°D	150,6°D	214,1°D	297,2°D
THIRD CYCLE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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



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WEEKS / REPORTS #	01-11-21 TO 07-11-21 # 27	08-11-21 TO 14-11-21 # 28	15-11-21 TO 21-11-21 # 29	22-11-21 TO 28-11-21 # 30	29-11-21 TO 05-12-21 # 31	06-12-21 TO 12-12-21 # 32	13-12-21 TO 19-12-21 # 33	20-12-21 TO 22-12-21 # 34
<b>ITEMS /WORKS</b>								
<b>ADULTS DETECTION</b>								
DATE FIRST DETECTION	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021	05-05-2021
DATE LAST DETECTION	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021	12-05-2021
N° TOTAL DETECTIONS	4	4	4	4	4	4	4	4
N° WEEK SINCE LAST DETECTION	25	26	27	28	29	30	31	32
N° OF TRAPS AT WORKING AREA	132	132	132	132	132	132	132	132
N° OF TRAPS INSPECTION	5624	5756	5886	6507	6639	6771	6907	6907
INSPECTION FRECUENCY	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK
<b>DETECTION OF INMATURE STAGE</b>								
FIRST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....
LAST LARVAL FOCI	.....	.....	.....	.....	.....	.....	.....	.....
N° OF DETECTED LARVAL FOCIS	0	0	0	0	0	0	0	0
N° OF WEEKS SINCE LAST LARVAL FOCI	0	0	0	0	0	0	0	0
N° OF PLACES VISITED	298	298	298	298	331	331	331	331
Nº OF PLACES WITH FRUIT SAMPLES	207	207	207	207	230	230	230	230
N° FRUIT SAMPLE ANALYZED	774	774	774	774	823	823	823	823
Nº OF FRUIT UNITS ANALYZED	4831	4831	4831	4831	5167	5167	5167	5167
N° FRUIT KILOS ANALYZED	343,6	343,6	343,6	343,6	358,7	358,7	358,7	358,7
N° FRUIT SPECIES ANALYZED	33	33	33	33	33	33	33	33
UNITS OF INFESTED FRUIT	0	0	0	0	0	0	0	0
ACCUMULATIVE INFECTION PERCENTAGE (1)	0	0	0	0	0	0	0	0
N° OF FRUIT SPECIES INFESTED	0	0	0	0	0	0	0	0
<b>CONTROL FOR INMATURE STAGES AND ADULTS</b>								
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	0	0	0	0	0	0	0	0
N° OF PLACES WITH SOIL TREATMENT	8	8	8	8	8	8	8	8
SQUARE MTS2 OF SOIL TREATMENT	809	809	809	809	809	809	809	809
LITERS OF DZN APPLIED	11860	11860	11860	11860	11860	11860	11860	11860
KILOS OF FRUIT STRIPPED	15847,5	15847,5	15847,5	15847,5	15847,5	15847,5	15847,5	15847,5
N° OF FRUIT SPECIES STRIPPED	21	21	21	21	21	21	21	21
<b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b>								
FIRST CYCLE								
SECOND CYCLE	338,4 °D PLUS 3 DAYS ADULT	338,4 °D PLUS 10 DAYS ADULT						
THIRD CYCLE	.....	.....	95,38°D	180,0°D	253,7°D	337,3°D	337,3°D PLUS 7 DAYS ADULT	337,3°D PLUS 10 DAYS ADULT

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

