

REPORTS OF INDICATORS FOR SURVEILLANCE / ERADICATION / FRUITY FLY PROGRAM/ PHITOSANITARY SUBDEPARTMENT / PLANT PROTECTION DIVISION / SAG
COUNTY: VILLA ALEMANA - CITY: VILLA ALEMANA - REGION: VALPARAÍSO

WEEKS / REPORTS #	30-03-20 TO 05-04-20 # 1	06-04-20 TO 12-04-20 #2	13-04-20 TO 19-04-20 #3	20-04-20 TO 26-04-20 #4	27-04-20 TO 03-05-20 #5	04-05-20 TO 10-05-20 #6	11-05-20 TO 17-05-20 #7	18-05-20 TO 24-05-20 #8	25-05-20 TO 31-05-20 #9	01-06-20 TO 07-06-20 #10	08-06-20 TO 14-06-20 #11
ITEMS /WORKS											
ADULTS DETECTION											
DATE FIRST DETECTION	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020
DATE LAST DETECTION	30-03-2020	06-04-2020	06-04-2020	06-04-2020	29-04-2020	06-05-2020	11-05-2020	11-05-2020	25-05-2020	25-05-2020	25-05-2020
N° TOTAL DETECTIONS	4	5	5	5	6	8	9	9	10	10	10
N° WEEK SINCE LAST DETECTION	0	0	1	2	0	0	0	1	0	1	2
N° OF TRAPS AT WORKING AREA	259	259	370	409	409	409	466	645	649	649	649
N° OF TRAPS INSPECTION	336	950	1275	1921	2395	3041	3627	4520	5242	6253	6977
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
DETECTION OF INMATURE STAGE											
FIRST LARVAL FOCI	.....	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020
LAST LARVAL FOCI	.....	09-04-2020	16-04-2020	24-04-2020	29-04-2020	07-05-2020	07-05-2020	21-05-2020	21-05-2020	21-05-2020	21-05-2020
N° OF DETECTED LARVAL FOCIS	0	2	6	9	10	12	12	13	13	13	13
N° OF WEEKS SINCE LAST LARVAL FOCI	0	0	0	0	0	0	1	0	1	2	3
N° OF PLACES VISITED	195	2194	3672	4473	6508	7927	9909	12473	14428	15693	16910
Nº OF PLACES WITH FRUIT SAMPLES	15	264	569	860	1113	1245	1573	1788	1948	2090	2228
N° FRUIT SAMPLE ANALYZED	104	732	855	1564	2147	2550	3221	3581	3950	4293	4650
Nº OF FRUIT UNITS ANALYZED	1865	7133	12989	18311	22498	25526	29792	31596	33832	35869	37998
N° FRUIT KILOS ANALYZED	52,73 Kg	240,941	455,9	673,3	840,7	979,05	1198,25	1272,2	1357,9	1441	1543,8
N° FRUIT SPECIES ANALYZED	22	35	35	35	35	35	35	35	35	36	37
UNITS OF INFESTED FRUIT	0	3	7	10	12	17	17	19	19	19	19
ACCUMULATIVE INFECTION PERCENTAGE (1)	0	0,04	0,05	0,05	0,05	0,07	0,07	0,06	0,06	0,06	0,06
N° OF FRUIT SPECIES INFESTED	0	1	3	3	3	3	3	3	3	3	3
CONTROL FOR INMATURE STAGES AND ADULTS											
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	20	20	20	20	20	620	1.220	1.220	1.240	1.240	1.260
N° OF PLACES WITH SOIL TREATMENT	90 (Stripped houses)	1 + 185 stripped houses	5 + 410 stripped houses	9 + 525 stripped houses	36 + 649 stripped houses	100 + 714 stripped houses	168 + 780 stripped houses	227 + 827 stripped houses	290 + 862 stripped houses	351 + 887 stripped houses	398 + 899 stripped houses
SQUARE MTS2 OF SOIL TREATMENT	.....	194	288	430	849	1.108	1.526	1.904	2.506	2.733	2.960
LITERS OF DZN APPLIED	.....	1940	2880	4870	10190	14025	18400	22571	28586	30856	33126
KILOS OF FRUIT STRIPPED	997,8	2225,9	5452	8688,6	10066,2	10594,7	10996,7	11466,7	12968,4	13286,1	13401,5
N° OF FRUIT SPECIES STRIPPED	24	31	32	32	32	32	32	32	32	32	32
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS											
FIRST CYCLE	47,3°D	32 °D	33,25 °D	11,6°D	25°D	35,45°D	56,74°D	18,35°D	57,4°D	85,7°D	102°D
SECOND CYCLE
THIRD CYCLE

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

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ITEMS /WORKS	15-06-20 TO 21-06-20 #12	22-06-20 TO 28-06-20 #13	29-06-20 TO 05-07-20 #14	06-07-2020 TO 12-07-20 #15	13-07-2020 TO 19-07-20 #16	20-07-2020 TO 26-07-20 #17	27-07-2020 TO 02-08-20 #18	03-08-2020 TO 09-08-20 #19	10-08-2020 TO 16-08-20 #20	17-08-2020 TO 23-08-20 #21	24-08-2020 TO 30-08-20 #22
ADULTS DETECTION											
DATE FIRST DETECTION	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020
DATE LAST DETECTION	25-05-2020	25-05-2020	25-05-2020	25-05-2020	25-05-2020	25-05-2020	25-05-2020	25-05-2020	25-05-2020	25-05-2020	25-05-2020
N° TOTAL DETECTIONS	10	10	10	10	10	10	10	10	10	10	10
N° WEEK SINCE LAST DETECTION	3	4	5	6	7	8	9	10	11	12	13
N° OF TRAPS AT WORKING AREA	649	665	665	673	673	673	673	673	673	673	673
N° OF TRAPS INSPECTION	7986	8742	9782	10553	11610	12381	13439	14210	15265	16037	17086
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
DETECTION OF INMATURE STAGE											
FIRST LARVAL FOCI	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020
LAST LARVAL FOCI	16-06-2020	16-06-2020	16-06-2020	16-06-2020	16-06-2020	16-06-2020	16-06-2020	16-06-2020	16-06-2020	16-06-2020	16-06-2020
N° OF DETECTED LARVAL FOCIS	14	14	14	14	14	14	14	14	14	14	14
N° OF WEEKS SINCE LAST LARVAL FOCI	0	1	2	3	4	5	6	7	8	9	10
N° OF PLACES VISITED	18566	19934	20.951	22.205	23.431	24.560	25.767	26.484	27.337	28.192	28.896
N° OF PLACES WITH FRUIT SAMPLES	2387	2588	2724	2944	3069	3200	3334	3490	3635	3715	3782
N° FRUIT SAMPLE ANALYZED	4914	5358	5602	6047	6277	6495	6727	6972	7197	7336	7465
N° OF FRUIT UNITS ANALYZED	39749	42302	42570	44580	45624	46524	47517	48605	49681	50208	50892
N° FRUIT KILOS ANALYZED	1610,6	1724,89	1801,51	1899,5	1946,35	1978,25	2019,9	2045,72	2073,3	2092,2	2111,31
N° FRUIT SPECIES ANALYZED	37	39	39	39	40	40	40	40	40	40	40
UNITS OF INFESTED FRUIT	21	21	21	21	21	21	21	21	21	21	21
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,05	0,04	0,04	0,04	0,04	0,04	0,04	0,04	0,04	0,04	0,04
N° OF FRUIT SPECIES INFESTED	3	3	3	3	3	3	3	3	3	3	3
CONTROL FOR INMATURE STAGES AND ADULTS											
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	1.260	1.260	1.260	1.280	1.280	1.320	1.320	1.320	1.340	1.340	1.350
N° OF PLACES WITH SOIL TREATMENT	481 + 921 Stripped houses	571 + 948 Stripped houses	585 + 956 Stripped houses	600 + 958 Stripped houses	605 + 958 Stripped houses	609 + 959 Stripped houses	614 + 961 Stripped houses	614 + 961 Stripped houses	614 + 961 Stripped houses	616 + 961 Stripped houses	616 + 961 Stripped houses
SQUARE MTS2 OF SOIL TREATMENT	3.170	3.517	3.564	3.632	3.716	3.741	3.812	3.812	3.812	3.832	3.832
LITERS OF DZN APPLIED	35226	38826	39411	40071	40901	41161	41861	41861	41861	42061	42061
KILOS OF FRUIT STRIPPED	13924,5	14124,3	14263,3	14267,3	14267,3	14270,3	14293,3	14293,3	14293,3	14293,3	14293,3
N° OF FRUIT SPECIES STRIPPED	34	34	34	34	34	34	34	34	34	34	34
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS											
FIRST CYCLE	15,61°D	39,36°D	57,26°D	101,21°D	132,86°D	144,26°D	161,21°D	188,41°D	206,72°D	223,01°D	242,62°D
SECOND CYCLE
THIRD CYCLE

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

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WEEKS / REPORTS #	31-08-2020 TO 06-09-20 #23	07-09-2020 TO 13-09-20 #24	14-09-2020 TO 20-09-20 #25	21-09-2020 TO 27-09-20 #26	27-09-2020 TO 04-10-20 #27	05-10-20 TO 11-10-20 #28	12-10-20 TO 18-10-20 #29	19-10-20 TO 25-10-20 #30	26-10-20 TO 01-11-20 #31	02-11-20 TO 08-11-20 #32	09-11-20 TO 15-11-20 #33
ITEMS /WORKS											
ADULTS DETECTION											
DATE FIRST DETECTION	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020
DATE LAST DETECTION	25-05-2020	25-05-2020	25-05-2020	25-05-2020	25-05-2020	25-05-2020	25-05-2020	25-05-2020	25-05-2020	25-05-2020	25-05-2020
N° TOTAL DETECTIONS	10	10	10	10	10	10	10	10	10	10	10
N° WEEK SINCE LAST DETECTION	14	15	16	17	18	19	20	21	22	23	24
N° OF TRAPS AT WORKING AREA	673	673	673	673	673	673	673	673	673	673	673
N° OF TRAPS INSPECTION	17854	18911	19682	20739	21125	21795	22037	22634	22850	23519	24190
INSPECTION FRECUENCY	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	ONCE A WEEK	ONCE A WEEK
DETECTION OF INMATURE STAGE											
FIRST LARVAL FOCI	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020
LAST LARVAL FOCI	16-06-2020	16-06-2020	16-06-2020	16-06-2020	16-06-2020	16-06-2020	16-06-2020	16-06-2020	16-06-2020	16-06-2020	16-06-2020
N° OF DETECTED LARVAL FOCIS	14	14	14	14	14	14	14	14	14	14	14
N° OF WEEKS SINCE LAST LARVAL FOCI	11	12	13	14	15	16	17	18	19	20	21
N° OF PLACES VISITED	29.707	30.551	31.210	31.868	32.914	33.804	34.807	35.644	36.685	37.485	38.074
N° OF PLACES WITH FRUIT SAMPLES	3844	3899	3916	3966	4032	4094	4167	4209	4310	4336	4369
N° FRUIT SAMPLE ANALYZED	7563	7636	7654	7725	7814	7903	8007	8073	8206	8225	8268
N° OF FRUIT UNITS ANALYZED	51312	51744	51839	52269	52972	53487	54299	54864	55737	55855	56068
N° FRUIT KILOS ANALYZED	2122,19	2131,26	2133,05	2140,97	2154,49	2165,57	2180,45	2192,2	2212,19	2214,74	2218,93
N° FRUIT SPECIES ANALYZED	40	40	40	40	40	40	40	40	40	40	40
UNITS OF INFESTED FRUIT	21	21	21	21	21	21	21	21	21	21	21
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,04	0,04	0,04	0,04	0,04	0,04	0,03	0,03	0,03	0,03	0,03
N° OF FRUIT SPECIES INFESTED	3	3	3	3	3	3	3	3	3	3	3
CONTROL FOR INMATURE STAGES AND ADULTS											
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	1.360	1.370	1.380	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390
N° OF PLACES WITH SOIL TREATMENT	616 + 961 Stripped houses	616 + 961 Stripped houses	616 + 961 Stripped houses	616 + 961 Stripped houses	616 + 961 Stripped houses	616 + 961 Stripped houses	616 + 961 Stripped houses	616 + 961 Stripped houses	616 + 961 Stripped houses	616 + 961 Stripped houses	616 + 961 Stripped houses
SQUARE MTS2 OF SOIL TREATMENT	3.832	3.832	3.832	3.832	3.832	3.832	3.832	3.832	3.832	3.832	3.832
LITERS OF DZN APPLIED	42061	42061	42061	42061	42061	42061	42061	42061	42061	42061	42061
KILOS OF FRUIT STRIPPED	14293,3	14293,3	14293,3	14293,3	14293,3	14293,3	14293,3	14293,3	14293,3	14293,3	14293,3
N° OF FRUIT SPECIES STRIPPED	34	34	34	34	34	34	34	34	34	34	34
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS											
FIRST CYCLE	264,64°D	304,44°D	335,9°D PLUS 3 DAYS ADULT	335,9°D PLUS 10 DAYS ADULT	.....	.....	.....	.....	.....	.....	.....
SECOND CYCLE	20,57°D	62,72°D	102,22°D	138,17°D	236,4°D	338,94 °D	338,94 °D PLUS 7 DAYS ADULT
THIRD CYCLE

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

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WEEKS / REPORTS #	16-11-20 TO 22-11-2020 #34	23-11-20 TO 29-11-2020 #35	30-11-20 TO 06-12-2020 #36	07-12-20 TO 13-12-2020 #37	14-12-20 TO 20-12-2020 #38	21-12-20 TO 27-12-2020 #39	28-12-20 TO 29-12-2020 #40
ITEMS /WORKS							
ADULTS DETECTION							
DATE FIRST DETECTION	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020	20-03-2020
DATE LAST DETECTION	25-05-2020	25-05-2020	25-05-2020	25-05-2020	25-05-2020	25-05-2020	25-05-2020
N° TOTAL DETECTIONS	10	10	10	10	10	10	10
N° WEEK SINCE LAST DETECTION	25	26	27	28	29	30	31
N° OF TRAPS AT WORKING AREA	673	673	673	673	673	673	673
N° OF TRAPS INPECTION	24858	25527	26197	26867	27533	28203	28586
INSPECTION FRECUENCY	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK
DETECTION OF IMMATURE STAGE							
FIRST LARVAL FOCI	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020	07-04-2020
LAST LARVAL FOCI	16-06-2020	16-06-2020	16-06-2020	16-06-2020	16-06-2020	16-06-2020	16-06-2020
N° OF DETECTED LARVAL FOCIS	14	14	14	14	14	14	14
N° OF WEEKS SINCE LAST LARVAL FOCI	22	23	24	25	26	27	28
N° OF PLACES VISITED	38.670	39.174	39.376	39.613	39.904	40.006	40.006
Nº OF PLACES WITH FRUIT SAMPLES	4419	4453	4458	4469	4482	4495	4495
N° FRUIT SAMPLE ANALYZED	8337	8385	8421	8458	8510	8544	8544
Nº OF FRUIT UNITS ANALYZED	56454	56810	57471	58019	58706	59067	59067
N° FRUIT KILOS ANALYZED	2225,93	2231,73	2239,66	2246,34	2257,32	2264,3	2264,3
N° FRUIT SPECIES ANALYZED	40	40	40	40	40	40	40
UNITS OF INFESTED FRUIT	21	21	21	21	21	21	21
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,03	0,03	0,03	0,03	0,03	0,03	0,03
N° OF FRUIT SPECIES INFESTED	3	3	3	3	3	3	3
CONTROL FOR IMMATURE STAGES AND ADULTS							
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	1.390	1.390	1.390	1.390	1.390	1.390	1.390
N° OF PLACES WITH SOIL TREATMENT	616 + 961 Stripped houses	616 + 961 Stripped houses	616 + 961 Stripped houses	616 + 961 Stripped houses	616 + 961 Stripped houses	616 + 961 Stripped houses	616 + 961 Stripped houses
SQUARE MTS2 OF SOIL TREATMENT	3.832	3.832	3.832	3.832	3.832	3.832	3.832
LITERS OF DZN APPLIED	42061	42061	42061	42061	42061	42061	42061
KILOS OF FRUIT STRIPPED	14293,3	14293,3	14293,3	14293,3	14293,3	14293,3	14293,3
N° OF FRUIT SPECIES STRIPPED	34	34	34	34	34	34	34
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS							
FIRST CYCLE	.....	.....	.....	.....	.....	.....	.....
SECOND CYCLE	338,94 °D PLUS 10 DAYS ADULT	.....	.....	.....	.....	.....	.....
THIRD CYCLE	29,10°D	92,87°D	157,22°D	228,83°D	332,02°D PLUS 1 DAY ADULT	332,02°D PLUS 8 DAYS ADULT	332,02°D PLUS 10 DAYS ADULT

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