



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

COUNTY: VILLA ALEMANA - CITY: VILLA ALEMANA - REGION: VALPARAISO

WEEKS / REPORTS #	02-05-18 TO 06-05-18 # 1	07-05-18 TO 13-05-18 # 2	14-05-18 TO 20-05-18 # 3	21-05-18 TO 27-05-18 # 4	28-05-18 TO 03-06-18 # 5	04-06-18 TO 10-06-18 # 6	11-06-18 TO 17-06-18 # 7	18-06-18 TO 24-06-18 # 8	25-06-18 TO 01-07-18 # 9	02-07-18 TO 08-07-18 # 10	09-07-18 TO 15-07-18 # 11	16-07-18 TO 22-07-18 # 12	23-07-18 TO 29-07-18 # 13	30-07-18 TO 05-08-18 # 14	06-08-18 TO 12-08-18 # 15	13-08-18 TO 19-08-18 # 16	20-08-18 TO 26-08-18 # 17
ITEMS /WORKS																	
ADULTS DETECTION																	
DATE FIRST DETECTION	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018
DATE LAST DETECTION	02/05/2018	12/05/2018	12/05/2018	12/05/2018	12/05/2018	12/05/2018	12/05/2018	12/05/2018	12/05/2018	12/05/2018	12/05/2018	12/05/2018	12/05/2018	12/05/2018	12/05/2018	12/05/2018	12/05/2018
N° TOTAL DETECTIONS	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
N° WEEK SINCE LAST DETECTION	0	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
N° OF TRAPS AT WORKING AREA	351	351	561	838	746	746	746	746	753	753	753	753	753	754	755	755	755
N° OF TRAPS INSPECTION	332	810	1619	2516	3740	4976	6017	7052	8093	8680	9724	10772	11734	12777	13825	14790	15835
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	30	263	696	1312	1841	3050	4251	4531	4624	5238	6394	8331	8331	13277	15184	15184	16695
N° OF PLACES WITH FRUIT SAMPLES	20	85	413	642	798	1137	1350	1393	1420	1515	1707	2062	2062	2792	3047	3130	3202
N° FRUIT SAMPLE ANALYZED	34	46	468	1.092	1.622	2.655	3.598	4.084	4.820	5.427	6.288	7.394	8.380	9.106	10.033	10.198	10.482
N° OF FRUIT UNITS ANALYZED	359	593	4939	10325	14230	21834	29129	32748	37009	41131	46259	53651	59842	65023	71427	72892	76051
N° FRUIT KILOS ANALYZED	18,21 Kg	30,74 Kg	188,3 Kg	418,1 Kg	538 Kg	831,6 Kg	1016,83 Kg	1165,36	1391,16	1548	1775	2162	2456	2646	2906	2946	3056
N° FRUIT SPECIES ANALYZED	15	29	41	47	53	55	55	55	55	55	55	55	55	55	55	55	55
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)	100	240	485	590	609	620	637	643	643	643	671	695	728	745	765	778	796
N° OF PLACES WITH SOIL TREATMENT	0	2	18	22	33	72	118	151	212	228	273	371	434	483	604	665	772
SQUARE MTS2 OF SOIL TREATMENT	0	73	854	990	2304	4758	6223	8489	10687	11413	14516	16857	19891	22535	25641	27993	30957
LITERS OF DZN APPLIED	50	1.250	13.300	15.000	30.010	58.550	77.510	102.510	122.630	131.500	166.980	192.663	223.523	251.837	283.376	304.861	337.371
KILOS OF FRUIT STRIPPED	43,9	56,9	142	199	385	1306	2000	5291	5313	5363	5675	5784	5918	6049	6174	6247	6391
N° OF FRUIT SPECIES STRIPPED	9	11	14	14	15	21	21	22	23	23	25	26	26	27	27	27	27
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS																	
FIRST CYCLE	13,40 D°	7 D°	32,7 D°	83,2 D°	102,4 D°	109,75 D°	110,45 D°	126,9 D°	136,23 D°	155,92 D°	175,87 D°	190,82 D°	199,67 D°	212,82 D°	244,67 D°	282,18 D°	309,58 D°
SECOND CYCLE
THIRD CYCLE

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



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WEEKS / REPORTS #	27-08-18 TO 02-09-18 # 18	03-09-18 TO 09-09-18 # 19	10-09-18 TO 16-09-18 # 20	FINISH FIRST CYCLE	17-09-18 TO 23-09-18 # 21	24-09-18 TO 30-09-18 # 22	01-10-18 TO 07-10-18 # 23	08-10-18 TO 14-10-18 # 24	15-10-18 TO 21-10-18 # 25	22-10-18 TO 28-10-18 # 26	29-10-18 TO 04-11-18 # 27	FINISH SECOND CYCLE
ITEMS /WORKS												
ADULTS DETECTION												
DATE FIRST DETECTION	02/03/2018	02/03/2018	02/03/2018		02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018	
DATE LAST DETECTION	12/05/2018	12/05/2018	12/05/2018		12/05/2018	12/05/2018	12/05/2018	12/05/2018	12/05/2018	12/05/2018	12/05/2018	
N° TOTAL DETECTIONS	5	5	5		5	5	5	5	5	5	5	
N° WEEK SINCE LAST DETECTION	16	17	18		19	20	21	22	23	24	25	
N° OF TRAPS AT WORKING AREA	755	755	755		755	755	755	755	755	755	755	
N° OF TRAPS INPECTION	16884	17943	18994		19663	20337	21005	21680	22349	23021	23617	
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	
DETECTION OF INMATURE STAGE												
FIRST LARVAL FOCI	0	0	0		0	0	0	0	0	0	0	
LAST LARVAL FOCI	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	
N° OF WEEKS SINCE LAST LARVAL FOCI	0	0	0		0	0	0	0	0	0	0	
N° OF PLACES VISITED	17210	17655	18081		18372	19126	19583	19915	20302	20596	21015	
N° OF PLACES WITH FRUIT SAMPLES	3243	3311	3359		3406	3477	3530	3539	3539	3603	3615	
N° FRUIT SAMPLE ANALYZED	10.675	10.887	10.997		11.080	11.199	11.326	11.386	11.482	11.529	11.569	
N° OF FRUIT UNITS ANALYZED	78182	79969	81030		81603	82493	83441	84339	85209	85710	86125	
N° FRUIT KILOS ANALYZED	3132	3201	3227		3241	3261	3296	3318	3349	3412	3424	
N° FRUIT SPECIES ANALYZED	55	55	55		55	55	55	55	55	55	55	
UNITS OF INFESTED FRUIT	0	0	0		0	0	0	0	0	0	0	
ACCUMULATIVE INFECTION PERCENTAGE (1)	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	
CONTROL FOR INMATURE STAGES AND ADULTS												
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	808	1031	1190		1230	1230	1230	1230	1230	1230	1230	
N° OF PLACES WITH SOIL TREATMENT	857	866	867		867	867	867	867	867	867	867	
SQUARE MTS2 OF SOIL TREATMENT	32493	32560	32561		32561	32561	32561	32561	32561	32561	32561	
LITERS OF DZN APPLIED	353.721	354.601	354.601		354.601	354.601	354.601	354.601	354.601	354.601	354.601	
KILOS OF FRUIT STRIPPED	6391	6391	6391		6391	6391	6391	6391	6391	6391	6391	
N° OF FRUIT SPECIES STRIPPED	27	27	27		27	27	27	27	27	27	27	
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS												
FIRST CYCLE	326,53 D° PLUS 3 DAYS OVIPOSITION	326,53 D° PLUS 10 DAYS OVIPOSITION	326,53 D° PLUS 15 DAYS OVIPOSITION	FINISH FIRST CYCLE	.....	.....	.....	.....	.....	.....	.....	FINISH SECOND CYCLE
SECOND CYCLE	.....	.....	8,45 D°		65,2 D°	115,9 D°	178,95 D°	240,95 D°	329,6 D°	346,8 D° D° PLUS 6 DAYS OVIPOSITION	346,8 D° D° PLUS 10 DAYS OVIPOSITION	
THIRD CYCLE	.....	.....	.....		.....	.....	.....	.....	.....	.....	39,2 D°	

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