

REPORTS OF INDICATORS FOR SURVEILLANCE / ERADICATION / FRUIT FLY PROGRAM/ PHITOSANITARY SUBDEPARTMENT / PLANT PROTECTION DIVISION / SAG
 COUNTY: PUDAHUEL - CITY: SANTIAGO - REGION: METROPOLITAN

ITEMS /WORKS	04-03-19 TO 10-03-19 # 1	01-03-19 TO 17-03-19 # 2	18-03-19 TO 24-03-19 # 3	25-03-19 TO 31-03-19 # 4	01-04-19 TO 07-04-19 # 5	08-04-19 TO 14-04-19 # 6	15-04-19 TO 21-04-19 # 7	22-04-19 TO 28-04-19 # 8	29-04-19 TO 05-05-19 # 9	06-05-19 TO 12-05-19 # 10	13-05-19 TO 19-05-19 # 11	20-05-19 TO 26-05-19 # 12	27-05-19 TO 02-06-19 # 13	03-06-19 TO 09-06-19 # 14	10-06-19 TO 16-06-19 # 15	17-06-19 TO 23-06-19 # 16	24-06-19 TO 30-06-19 # 17	01-07-19 TO 07-07-19 # 18	08-07-19 TO 14-07-19 # 19	15-07-19 TO 21-07-19 # 20	
ADULTS DETECTION																					
DATE FIRST DETECTION	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	
DATE LAST DETECTION	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	
N° TOTAL DETECTIONS	4	4	4	4	4	4	4	4	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	13	14	15	16	17	18	19	
N° OF TRAPS AT WORKING AREA	550	521	624	719	719	719	720	734	684	709	719	729	729	729	702	686	609	649	649	649	
N° OF TRAPS INFECTION	271	1089	2023	3115	4074	4861	5519	6156	6672	7287	7831	8423	8924	9511	9574	10169	10178	10269	10799	10807	
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	NORMAL SYSTEM FREQUENCY	NORMAL SYSTEM FREQUENCY	NORMAL SYSTEM FREQUENCY	NORMAL SYSTEM FREQUENCY	
DETECTION OF IMMATURE STAGE																					
FIRST LARVAL FOCI	0	0	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	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	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	0	0	
N° OF PLACES VISITED	283	1527	2385	3096	3973	5625	6356	6356	7028	7548	7548	7548	7548	7548	7548	7548	7548	7548	7548	7548	
N° OF PLACES WITH FRUIT SAMPLES	77	238	432	516	520	651	698	698	806	893	893	893	893	893	893	893	893	893	893	893	
N° FRUIT SAMPLE ANALYZED	32	516	1068	1558	1759	1913	2459	2459	2459	2782	2782	2782	2782	2818	2818	2818	2818	2818	2818	2818	
N° OF FRUIT UNITS ANALYZED	640	11257	18440	23442	25475	26893	32653	32653	32653	34842	34842	34842	34842	35217	35217	35217	35217	35217	35217	35217	
N° FRUIT KILOS ANALYZED	19 Kg	426 Kg	653 Kg	841 Kg	861 Kg	1562 Kg	1752 Kg	1752 Kg	1752 Kg	1898 Kg	1898 Kg	1898 Kg	1898 Kg	1909 Kg	1909 Kg	1909 Kg	1909 Kg	1909 Kg	1909 Kg	1909 Kg	
N° FRUIT SPECIES ANALYZED	6	24	32	40	42	42	43	43	43	45	45	45	45	45	45	45	45	45	45	45	
UNITS OF INFESTED FRUIT	0	0	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	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	0	0	
CONTROL FOR IMMATURE STAGES AND ADULTS																					
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	1.300	1.701	4.125	5.994	5.994	5.994	5.994	5.994	5.994	5.994	5.994	5.994	5.994	5.994	5.994	5.994	5.994	5.994	5.994	5.994	
N° OF PLACES WITH SOIL TREATMENT	0	17	49	81	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	
SQUARE MTS2 OF SOIL TREATMENT	0	162	469	739	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	
LITERS OF DZN APPLIED	0	2.082	5.477	8.107	8.517	8.517	8.517	8.517	8.517	8.517	8.517	8.517	8.517	8.517	8.517	8.517	8.517	8.517	8.517	8.517	
KILOS OF FRUIT STRIPPED	0	164	712	902	945	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	
N° OF FRUIT SPECIES STRIPPED	0	18	26	27	27	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS																					
FIRST CYCLE	21,66 D*	104,93 D*	199,99 D*	301,69 D*	343,93 D* PLUS 5 DAYS OVIPOSITION	343,93 D* PLUS 10 DAYS OVIPOSITION	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
SECOND CYCLE	.....	.....	.....	.....	.....	4,17 D*	36,21 D*	100,13 D*	163,89 D*	211,63 D*	262,05 D*	276,13 D*	296,02 D*	324,63 D*	329,45 D* PLUS 5 DAYS OVIPOSITION	329,45 D* PLUS 12 DAYS OVIPOSITION	329,45 D* PLUS 15 DAYS OVIPOSITION	.....	.....	.....
THIRD CYCLE	10,76 D*	27,18 D*	45,21 D*

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



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WEEKS / REPORTS #	22-07-19 TO 28-07-19 # 21	29-07-19 TO 04-08-19 # 22	05-08-19 TO 11-08-19 # 23	12-08-19 TO 18-08-19 # 24	19-08-19 TO 25-08-19 # 25	26-08-19 TO 01-09-19 # 26	02-09-19 TO 08-09-19 # 27	09-09-19 TO 15-09-19 # 28	16-09-19 TO 22-09-19 # 29	23-09-19 TO 29-09-19 # 30	30-09-19 TO 05-10-19 # 31
ITEMS /WORKS											
ADULTS DETECTION											
DATE FIRST DETECTION	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019	04/03/2019
DATE LAST DETECTION	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019	08/03/2019
N° TOTAL DETECTIONS	4	4	4	4	4	4	4	4	4	4	4
N° WEEK SINCE LAST DETECTION	20	21	22	23	24	25	26	27	28	29	30
N° OF TRAPS AT WORKING AREA	654	654	653	653	699	699	830	890	890	875	875
N° OF TRAPS INPECTION	10903	11547	11586	11869	12052	12263	12856	13285	13334	13653	14432
INSPECTION FREQUENCY	NORMAL SYSTEM FREQUENCY	NORMAL SYSTEM FREQUENCY	NORMAL SYSTEM FREQUENCY	NORMAL SYSTEM FREQUENCY	NORMAL SYSTEM FREQUENCY	NORMAL SYSTEM FREQUENCY	NORMAL SYSTEM FREQUENCY	NORMAL SYSTEM FREQUENCY	NORMAL SYSTEM FREQUENCY	NORMAL SYSTEM FREQUENCY	NORMAL SYSTEM FREQUENCY
DETECTION OF IMMATURE STAGE											
FIRST LARVAL FOCI	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
N° OF DETECTED LARVAL FOCIS	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
N° OF PLACES VISITED	7548	7548	7548	7548	7548	7548	7548	7548	7548	7548	7548
N° OF PLACES WITH FRUIT SAMPLES	893	893	893	893	893	893	893	893	893	893	893
N° FRUIT SAMPLE ANALYZED	2818	2818	2818	2818	2818	2818	2818	2818	2818	2818	2818
N° OF FRUIT UNITS ANALYZED	35217	35217	35217	35217	35217	35217	35217	35217	35217	35217	35217
N° FRUIT KILOS ANALYZED	1909 Kg	1909 Kg	1909 Kg	1909 Kg	1909 Kg	1909 Kg	1909 Kg	1909 Kg	1909 Kg	1909 Kg	1909 Kg
N° FRUIT SPECIES ANALYZED	45	45	45	45	45	45	45	45	45	45	45
UNITS OF INFESTED FRUIT	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
N° OF FRUIT SPECIES INFESTED	0	0	0	0	0	0	0	0	0	0	0
CONTROL FOR IMMATURE STAGES AND ADULTS											
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	5,994	5,994	5,994	5,994	5,994	5,994	5,994	5,994	5,994	5,994	5,994
N° OF PLACES WITH SOIL TREATMENT	86	86	86	86	86	86	86	86	86	86	86
SQUARE MTSZ OF SOIL TREATMENT	782	782	782	782	782	782	782	782	782	782	782
LITERS OF DZN APPLIED	8,517	8,517	8,517	8,517	8,517	8,517	8,517	8,517	8,517	8,517	8,517
KILOS OF FRUIT STRIPPED	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646
N° OF FRUIT SPECIES STRIPPED	28	28	28	28	28	28	28	28	28	28	28
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS											
FIRST CYCLE	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
SECOND CYCLE	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
THIRD CYCLE	54,64 D°	88,45 D°	98,29 D°	121,12 D°	157,76 D°	203,7 D°	245,06 D°	275,63 D°	314,72 D°	337,44 D° PLUS 4 DAYS OVIPOSITION	337,44 D° PLUS 10 DAYS OVIPOSITION FINISHED OUTBREAK

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