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

COUNTY: SAN BERNARDO - PROVINCE: MAIPO - REGION: METROPOLITAN

WEEKS / REPORTS #	01-04-2023 TO 07-04-2023 #1	08-04-2023 TO 14-04-2023 #2	15-04-2023 TO 21-04-2023 #3	22-04-2023 TO 28-04-2023 #4	29-04-2023 TO 05-05-2023 #5	06-05-2024 TO 12-05-2024 #6	13-05-2024 TO 19-05-2024 #7	20-05-2024 TO 26-05-2024 #8	27-05-2024 TO 02-06-2024 #9	03-06-2024 TO 09-06-2024 #10	10-06-2024 TO 16-06-2024 #11	17-06-2024 TO 23-06-2024 #12
ITEMS /WORKS												
ADULTS DETECTION												
DATE FIRST DETECTION	06-03-2024	06-03-2024	06-03-2024	06-03-2024	06-03-2024	06-03-2024	06-03-2024	06-03-2024	06-03-2024	06-03-2024	06-03-2024	06-03-2024
DATE LAST DETECTION	01-04-2024	10-04-2024	15-04-2024	25-04-2024	25-04-2024	25-04-2024	25-04-2024	20-05-2024	20-05-2024	20-05-2024	20-05-2024	20-05-2024
N° TOTAL DETECTIONS	3	6	7	9	9	9	9	10	10	10	10	10
N° WEEK SINCE LAST DETECTION	0	0	0	0	1	2	3	0	1	2	3	4
N° OF TRAPS AT WORKING AREA	1.431	1.759	1.990	2.062	1.977	1.911	1.891	1.912	1.912	1.912	1.926	1.927
N° OF TRAPS INPECTION	6.359	8.764	11.467	14.252	16.790	19.417	22.167	24.444	27.156	29.779	32.341	34.670
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
DETECTION OF INMATURE STAGE												
FIRST LARVAL FOCI	0	0	19-04-2024	19-04-2024	19-04-2024	19-04-2024	19-04-2024	19-04-2024	19-04-2024	19-04-2024	19-04-2024	19-04-2024
LAST LARVAL FOCI	0	0	20-04-2024	23-04-2024	23-04-2024	23-04-2024	23-04-2024	23-04-2024	23-04-2024	23-04-2024	23-04-2024	23-04-2024
N° OF DETECTED LARVAL FOCIS	0	0	3	5	5	5	5	5	5	5	5	5
N° OF WEEKS SINCE LAST LARVAL FOCI	0	0	0	0	1	2	3	4	5	6	7	8
N° OF PLACES VISITED	2.344	2.963	4.685	6.355	6.915	7.472	7.772	8.473	9.983	11.707	13.309	14.928
Nº OF PLACES WITH FRUIT SAMPLES	404	490	611	732	812	836	874	940	1032	1170	1309	1457
N° FRUIT SAMPLE ANALYZED	1.462	1.921	2.431	3.278	3.600	3.781	4.125	4.354	4.797	5.189	5.712	6.378
Nº OF FRUIT UNITS ANALYZED	19.557	25.470	30.731	41.766	45.041	46.773	50.623	53.147	56.631	58.912	62.755	68.584
N° FRUIT KILOS ANALYZED	462,74	624,61	766,97	1069,97	1148,79	1216,13	1343,18	1429,9	1593,63	1705,85	1911,67	2132,9
N° FRUIT SPECIES ANALYZED	44	46	47	49	50	50	51	51	52	52	52	52
UNITS OF INFESTED FRUIT	0	0	11	20	20	20	20	20	20	20	20	20
ACCUMULATIVE INFECTION PERCENTAGE (1)	0	0	0,035794475	0,04788584	0,044403987	0,042759712	0,039507734	0,037631475	0,035316346	0,033948941	0,031869971	0,02916132
N° OF FRUIT SPECIES INFESTED	0	0	2	3	3	3	3	3	3	3	3	3
CONTROL FOR INMATURE STAGES AND ADULTS												
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	100	254,5	477,5	1093,5	1277,5	1650,5	2310,5	2716,5	3436,5	4163,5	4753,5	5123,5
N° OF PLACES WITH SOIL TREATMENT	0	0	25	50	84	101	145	176	228	320	387	519
SQUARE MTS2 OF SOIL TREATMENT	0	0	20	201	558	733,5	1073	1078	1432	2388	2534	2642
LITERS OF DZN APPLIED	0	0	400	2070	5840	7995	11840	11890	15630	25790	27400	28880
KILOS OF FRUIT STRIPPED	0	0	150,7	533	733,95	1079,5	1390,65	1823,55	2185,85	2471,75	2991,602	3298,602
N° OF FRUIT SPECIES STRIPPED	0	0	14	20	22	25	27	30	31	32	33	35
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS												
FIRST CYCLE	55,4°D	25,3°D	10,0°D	9,75°D	20,80°D	20,95°D	20,95°D	4,55°D	21,20°D	40,40°D	43,60°D	46,00°D
SECOND CYCLE												
THIRD CYCLE												

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COUNTY: SAN BERNARDO - PROVINCE: MAIPO - REGION: METROPOLITAN

WEEKS / REPORTS #	24-06-2024 TO 30-06-2024 #13	01-07-2024 TO 07-07-2024 #14	08-07-2024 TO 14-07-2024 #15	15-07-2024 TO 21-07-2024 #16	22-07-2024 TO 28-07-2024 #17	29-07-2024 TO 04-08-2024 #18	05-08-2024 TO 11-08-2024 #19	12-08-2024 TO 18-08-2024 #20	19-08-2024 TO 25-08-2024 #21	26-08-2024 TO 01-09-2024 #22	02-09-2024 TO 08-09-2024 #23
ITEMS /WORKS											
ADULTS DETECTION											
DATE FIRST DETECTION	06-03-2024	06-03-2024	06-03-2024	06-03-2024	06-03-2024	06-03-2024	06-03-2024	06-03-2024	06-03-2024	06-03-2024	06-03-2024
DATE LAST DETECTION	20-05-2024	20-05-2024	20-05-2024	20-05-2024	20-05-2024	20-05-2024	20-05-2024	20-05-2024	20-05-2024	20-05-2024	20-05-2024
N° TOTAL DETECTIONS	10	10	10	10	10	10	10	10	10	10	10
N° WEEK SINCE LAST DETECTION	5	6	7	8	9	10	11	12	13	14	15
N° OF TRAPS AT WORKING AREA	1.927	1.927	1.927	1.927	1.927	1.927	1.927	1.927	1.927	1.927	1.927
N° OF TRAPS INPECTION	37.399	40.074	42.789	45.435	48.143	50.174	52.775	55.405	58.128	60.816	63.624
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	19-04-2024	19-04-2024	19-04-2024	19-04-2024	19-04-2024	19-04-2024	19-04-2024	19-04-2024	19-04-2024	19-04-2024	19-04-2024
LAST LARVAL FOCI	23-04-2024	23-04-2024	23-04-2024	23-04-2024	23-04-2024	23-04-2024	23-04-2024	23-04-2024	23-04-2024	23-04-2024	23-04-2024
N° OF DETECTED LARVAL FOCIS	5	5	5	5	5	5	5	5	5	5	5
N° OF WEEKS SINCE LAST LARVAL FOCI	9	10	11	12	13	14	15	16	17	18	19
N° OF PLACES VISITED	16.653	19.442	21.924	22.497	24.798	25.584	27.649	29.673	32.508	34.176	35.792
Nº OF PLACES WITH FRUIT SAMPLES	1623	1896	2319	2390	2761	2846	3066	3203	3303	3448	3682
N° FRUIT SAMPLE ANALYZED	7.377	8.503	10.089	11.258	13.089	13.856	14.873	15.710	16.430	17.027	18.944
Nº OF FRUIT UNITS ANALYZED	76.519	84.938	96.626	104.884	118.026	123.156	130.204	135.756	140.785	144.219	155.865
N° FRUIT KILOS ANALYZED	2609,46	3040,73	3825,57	4342,55	5095,51	5406,22	5767,21	6139,16	6448	6713,1	7592,22
N° FRUIT SPECIES ANALYZED	52	54	56	57	58	58	60	60	60	60	60
UNITS OF INFESTED FRUIT	20	20	20	20	20	20	20	20	20	20	20
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,026137299	0,023546587	0,020698363	0,019068685	0,016945419	0,016239566	0,015360511	0,014732314	0,014206059	0,013867798	0,012831617
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)	5729,5	6479,5	7303,5	7928,5	8778,5	9004,5	9640,5	10476,5	11286,5	11853,5	12689,5
N° OF PLACES WITH SOIL TREATMENT	619	702	834	954	1125	1158	1317	1501	1636	1690	1782
SQUARE MTS2 OF SOIL TREATMENT	3540,6	3896,2	4516,4	5055,5	5784,5	5833	6149	6556,5	7173,3	7797,8	8654,8
LITERS OF DZN APPLIED	38066	42022	48424	54215	61805	62360	65720	69795	75623	82268	91988
KILOS OF FRUIT STRIPPED	3557,852	3747,502	4267,472	4497,452	4640,802	4805,302	5227,702	5653,522	5824,822	6038,722	6224,972
N° OF FRUIT SPECIES STRIPPED	35	36	36	36	37	37	37	37	37	37	37
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS											
FIRST CYCLE	49,30°D	55,70°D	55,70°D	61,30°D	63,15°D	72,35°D	76,90°D	89,45°D	92,10°D	102,05°D	116,45°D
SECOND CYCLE											
THIRD CYCLE											