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	09-09-2024 TO 15-09-2024 #24
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	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	20-05-2024
N° TOTAL DETECTIONS	10	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	16
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	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	66.420
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	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	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	23-04-2024
N° OF DETECTED LARVAL FOCIS	5	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	20
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	37.385
Nº OF PLACES WITH FRUIT SAMPLES	1623	1896	2319	2390	2761	2846	3066	3203	3303	3448	3682	3760
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	19.461
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	158.798
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	7768,51
N° FRUIT SPECIES ANALYZED	52	54	56	57	58	58	60	60	60	60	60	60
UNITS OF INFESTED FRUIT	20	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	0,012594617
N° OF FRUIT SPECIES INFESTED	3	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	13472,5
N° OF PLACES WITH SOIL TREATMENT	619	702	834	954	1125	1158	1317	1501	1636	1690	1782	1966
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	9233,8
LITERS OF DZN APPLIED	38066	42022	48424	54215	61805	62360	65720	69795	75623	82268	91988	97968
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	6321,472
N° OF FRUIT SPECIES STRIPPED	35	36	36	36	37	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	140,20°D
SECOND CYCLE												
THIRD CYCLE												

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WEEKS / REPORTS #	16-09-2024 TO 22-09-2024 #25	23-09-2024 TO 29-09-2024 #26	30-09-2024 TO 06-10-2024 #27	07-10-2024 TO 13-10-2024 #28	14-10-2024 TO 20-10-2024 #29	21-10-2024 TO 27-10-2024 #30	28-10-2024 AL 03-11-2024 #31	04-11-2024 TO 10-11-2024 #32	11-11-2024 TO 17-11-2024 #33	18-11-2024 TO 24-11-2024 #34	15-11-2024 TO 01-12-2024 #35	02-12-2024 TO 08-12-2024 #36
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	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	20-05-2024
N° TOTAL DETECTIONS	10	10	10	10	10	10	10	10	10	10	10	10
N° WEEK SINCE LAST DETECTION	17	18	19	20	21	22	23	24	25	26	27	28
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	1.927
N° OF TRAPS INPECTION	67.500	70.209	72.982	75.572	78.351	81.003	83.160	84.987	86.479	88.296	90.015	91.606
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	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	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	23-04-2024
N° OF DETECTED LARVAL FOCIS	5	5	5	5	5	5	5	5	5	5	5	5
N° OF WEEKS SINCE LAST LARVAL FOCI	21	22	23	24	25	26	27	28	29	30	31	32
N° OF PLACES VISITED	37.612	38.845	38.995	40.150	40.556	41.267	41.787	43.177	44.124	44.739	45.027	45.677
Nº OF PLACES WITH FRUIT SAMPLES	3768	3952	4028	4086	4129	4188	4250	4290	4312	4372	4.417	4511
N° FRUIT SAMPLE ANALYZED	19.571	20.365	20.994	21.145	21.527	21.852	22.304	22.454	22.852	23.162	23.627	23.957
Nº OF FRUIT UNITS ANALYZED	159.319	164.341	168.394	169.258	171.475	173.231	176.011	177.301	182.138	185.714	191.861	197.917
N° FRUIT KILOS ANALYZED	7810,09	8153,2	8443,31	8494,37	8688,68	8845,87	9079,13	9126,38	9260,61	9378,8	9553,95	9656,61
N° FRUIT SPECIES ANALYZED	60	60	60	60	60	60	60	60	60	60	60	60
UNITS OF INFESTED FRUIT	20	20	20	20	20	20	20	20	20	20	20	20
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,012553431	0,012169818	0,011876908	0,01181628	0,011663508	0,011545278	0,011362926	0,011280252	0,010980685	0,010769	0,010424	0,010105
N° OF FRUIT SPECIES INFESTED	3	3	3	3	3	3	3	3	3	3	3	3
CONTROL FOR INMATURE STAGES AND ADULTS												
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	13553,5	14381,5	15211,5	16109,5	17094,5	17643,5	18355,5	19152,5	20043,5	20865,5	22558,5	23198,5
N° OF PLACES WITH SOIL TREATMENT	1968	2131	2204	2350	2548	2724	2870	3660	4362	4515	5294	5294
SQUARE MTS2 OF SOIL TREATMENT	9233,8	9854	10383,5	10679,5	11129,5	11318,5	11417,5	11724,5	12212	12291,5	12391,5	12391
LITERS OF DZN APPLIED	98168	104370	109665	113225	117725	120015	121205	124525	129912	131217	132217	132217
KILOS OF FRUIT STRIPPED	6321,472	6559,272	6593,572	6700,772	6792,272	6885,772	6943,772	7006,722	7139,872	7139,872	7139,872	7139,872
N° OF FRUIT SPECIES STRIPPED	37	37	37	37	37	37	37	38	38	38	38	38
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS												
FIRST CYCLE	175,4°D	203,05°D	258,85°D	315,3°D	330,95°D PLUS 5 ADULT DAYS	330,95°D PLUS 10 ADULT DAYS						
SECOND CYCLE						20,05°D	76,10°D	134,75°D	232,3°D	333,95 ºD	353,4ºD	353,4ºD PLUS 10 ADULT DAYS
THIRD CYCLE												21,75ºD

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

WEEKS / REPORTS #	09-12 2024 TO 15-12-2024 #37	16-12-2024 TO 22-12-2024 #38	23-12-2024 TO 29-12-2024 #39	30-12-2024 TO 05-01-2025	06-01-2024 TO 08-01-25
ITEMS /WORKS					
ADULTS DETECTION					
DATE FIRST DETECTION	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
N° TOTAL DETECTIONS	10	10	10	10	10
N° WEEK SINCE LAST DETECTION	29	30	31	32	33
N° OF TRAPS AT WORKING AREA	1.927	1.927	1.927	1.927	1.927
N° OF TRAPS INPECTION	93.324	95.038	96.372	97.933	99.447
INSPECTION FRECUENCY	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK
DETECTION OF INMATURE STAGE					
FIRST LARVAL FOCI	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
N° OF DETECTED LARVAL FOCIS	5	5	5	5	5
N° OF WEEKS SINCE LAST LARVAL FOCI	33	34	35	36	37
N° OF PLACES VISITED	46.256	46.840	46.988	47.001	47.030
Nº OF PLACES WITH FRUIT SAMPLES	4623	4682	4688	4688	4691
N° FRUIT SAMPLE ANALYZED	24.425	24.915	24.996	25.031	25.114
Nº OF FRUIT UNITS ANALYZED	205.475	212.858	214.586	215.205	216.931
N° FRUIT KILOS ANALYZED	9815,39	10000,67	10029,5	10041,97	10074,96
N° FRUIT SPECIES ANALYZED	60	60	60	60	60
UNITS OF INFESTED FRUIT	20	20	20	20	20
ACCUMULATIVE INFECTION PERCENTAGE (1)	0,009734	0,009396	0,00932	0,009293	0,00922
N° OF FRUIT SPECIES INFESTED	3	3	3	3	3
CONTROL FOR INMATURE STAGES AND ADULTS					
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	23.969	24318,5	25138,5	25138,5	25138,5
N° OF PLACES WITH SOIL TREATMENT	5294	5295	5295	5295	5295
SQUARE MTS2 OF SOIL TREATMENT	12391,5	12391,5	12391,5	12391	12391,5
LITERS OF DZN APPLIED	132217	132217	132217	132217	132217
KILOS OF FRUIT STRIPPED	7139,872	7139,872	7139,872	7139,872	7139,872
N° OF FRUIT SPECIES STRIPPED	38	38	38	38	38
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS					
FIRST CYCLE					
SECOND CYCLE					
THIRD CYCLE	97,10 ºD	196,1ºD	334,1 ºD	334,1 ºD PLUS 8 ADULT DAYS	334,1ºD PLUS 10 ADULT DAYS