

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

COUNTY: ANTOFAGASTA - PROVINCE: ANTOFAGASTA- REGION: ANTOFAGASTA

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WEEKS / REPORTS #	30-01-2023 TO 05-02-2023 #1	06-02-2023 TO 12-02-2023 #2	13-02-2023 TO 19-02-2023 #3	20-02-2023 TO 26-02-2023 #4	27-02-2023 TO 05-03-2023 #5	06-03-2023 TO 12-03-2023 #6	13-03-2023 TO 19-03-2023 #7	20-03-2023 TO 26-03-2023 #8	27-03-2023 TO 02-04-2023 #9	03-04-2023 TO 09-04-2023 #10	10-04-2023 TO 16-04-2023 #11	17-04-2023 TO 23-04-2023 #12
ITEMS /WORKS												
ADULTS DETECTION												
DATE FIRST DETECTION	26/1/2023	26/1/2023	26/1/2023	26/1/2023	26/1/2023	26/1/2023	26/1/2023	26/1/2023	26/1/2023	26/1/2023	26/1/2023	26/1/2023
DATE LAST DETECTION	3/2/2023	3/2/2023	3/2/2023	24/2/2023	24/2/2023	24/2/2023	24/2/2023	24/2/2023	24/2/2023	24/2/2023	24/2/2023	24/2/2023
N° TOTAL DETECTIONS	4	4	4	5	5	5	5	5	5	5	5	5
N° WEEK SINCE LAST DETECTION	0	1	2	0	1	2	3	4	5	6	7	8
N° OF TRAPS AT WORKING AREA	180	284	234	234	234	234	306	306	306	306	306	306
N° OF TRAPS INPECTION	186	503	848	1139	1454	1775	2175	2438	2605	2867	2999	3274
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	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK
DETECTION OF INMATURE STAGE												
FIRST LARVAL FOCI	----	----	----	----	----	----	----	----	----	----	----	----
LAST LARVAL FOCI	----	----	----	----	----	----	----	----	----	----	----	----
N° OF DETECTED LARVAL FOCIS	----	----	----	----	----	----	----	----	----	----	----	----
N° OF WEEKS SINCE LAST LARVAL FOCI	----	----	----	----	----	----	----	----	----	----	----	----
N° OF PLACES VISITED	2	3	3	1813	2461	4863	5765	6311	6674	6797	6988	6988
Nº OF PLACES WITH FRUIT SAMPLES	0	0	0	17	22	44	52	57	68	68	68	68
N° FRUIT SAMPLE ANALYZED	0	0	0	17	22	44	52	57	68	68	68	68
Nº OF FRUIT UNITS ANALYZED	0	0	0	43	65	123	139	148	168	168	168	168
N° FRUIT KILOS ANALYZED	0	0	0	2,65	3,85	6,7	8,7	9,8	12,1	12,1	12,1	12,1
N° FRUIT SPECIES ANALYZED	0	0	0	6	7	9	10	10	10	10	10	10
UNITS OF INFESTED FRUIT	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
N° OF FRUIT SPECIES INFESTED	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)	0	4	6	8	15	18	21	24	27	29	29	29
N° OF PLACES WITH SOIL TREATMENT	0	0	0	0	0	0	0	2	7	10	12	12
SQUARE MTS2 OF SOIL TREATMENT	0	0	0	0	0	0	200	257	409	502	503	503
LITERS OF DZN APPLIED	0	0	0	0	0	0	3600	3800	7020	7720	7770	7770
KILOS OF FRUIT STRIPPED	0	0	0	0	0	40	54	68	80,7	98,5	111,2	111,2
N° OF FRUIT SPECIES STRIPPED	0	0	0	0	0	1	1	2	3	4	4	4
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS												
FIRST CYCLE	51,38°D	169,27°D	327,9°D	47,22°D	154°D	330,8°D PLUS 1 ADULT DAY	330,8°D PLUS 5 ADULT DAYS	330,8°D PLUS 5 ADULT DAYS				
SECOND CYCLE							47,2°D	164,4°D	295°D	331,6°D PLUS 5		
THIRD CYCLE											92,76°D	179,46°D

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

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WEEKS / REPORTS #	24-04-2023 TO 30-04-2023 #13	01-05-2023 TO 07-05-2023 #14	08-05-2023 TO 13-05-2023 #15
ITEMS /WORKS			
ADULTS DETECTION			
DATE FIRST DETECTION	26/1/2023	26/1/2023	26/1/2023
DATE LAST DETECTION	24/2/2023	24/2/2023	24/2/2023
N° TOTAL DETECTIONS	5	5	5
N° WEEK SINCE LAST DETECTION	9	10	11
N° OF TRAPS AT WORKING AREA	306	306	306
N° OF TRAPS INPECTION	3485	3785	3895
INSPECTION FRECUENCY	ONCE A WEEK	ONCE A WEEK	ONCE A WEEK
DETECTION OF INMATURE STAGE			
FIRST LARVAL FOCI	----	----	----
LAST LARVAL FOCI	----	----	----
N° OF DETECTED LARVAL FOCIS	----	----	----
N° OF WEEKS SINCE LAST LARVAL FOCI	----	----	----
N° OF PLACES VISITED	6988	6988	6988
Nº OF PLACES WITH FRUIT SAMPLES	68	68	68
N° FRUIT SAMPLE ANALYZED	68	68	68
Nº OF FRUIT UNITS ANALYZED	168	168	168
N° FRUIT KILOS ANALYZED	12,1	12,1	12,1
N° FRUIT SPECIES ANALYZED	10	10	10
UNITS OF INFESTED FRUIT	0	0	0
ACCUMULATIVE INFECTION PERCENTAGE (1)	0	0	0
N° OF FRUIT SPECIES INFESTED	0	0	0
CONTROL FOR INMATURE STAGES AND ADULTS			
LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)	29	29	29
N° OF PLACES WITH SOIL TREATMENT	12	12	12
SQUARE MTS2 OF SOIL TREATMENT	503	503	503
LITERS OF DZN APPLIED	7770	7770	7770
KILOS OF FRUIT STRIPPED	111,2	111,2	111,2
N° OF FRUIT SPECIES STRIPPED	4	4	4
CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS			
FIRST CYCLE			
SECOND CYCLE			
THIRD CYCLE	290,77°D	326,3°D PLUS 4 ADULT DAYS	326,3°D PLUS 10 ADULT DAYS

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

