



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

COUNTY: SAN ANTONIO - CITY: SAN ANTONIO - REGION: VALPARAÍSO

| WEEKS / REPORTS # | 09-04-21 TO 11-04-21 # 1 | 12-04-21 TO 18-04-21 # 2 | 19-04-21 TO 25-04-21 # 3 | 26-04-21 TO 02-05-21 # 4 | 03-05-21 TO 09-05-21 # 5 | 10-05-21 TO 16-05-21 # 6 | 17-05-21 TO 23-05-21 # 7 | 24-05-21 TO 30-05-21 # 8 | 31-06-21 TO 06-06-21 # 9 | 07-06-21 TO 13-06-21 # 10 | 14-06-21 TO 20-06-21 # 11 | 21-06-21 TO 27-06-21 # 12 | 28-06-21 TO 04-07-21 # 13 |
|---|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| ITEMS /WORKS | | | | | | | | | | | | | |
| ADULTS DETECTION | | | | | | | | | | | | | |
| DATE FIRST DETECTION | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 |
| DATE LAST DETECTION | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 |
| N° TOTAL DETECTIONS | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| N° WEEK SINCE LAST DETECTION | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| N° OF TRAPS AT WORKING AREA | 38 | 55 | 55 | 56 | 58 | 58 | 58 | 59 | 59 | 59 | 59 | 59 | 59 |
| N° OF TRAPS INPECTION | 561 | 656 | 750 | 853 | 953 | 1061 | 1162 | 1271 | 1367 | 1467 | 1582 | 1679 | 1788 |
| 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 |
| DETECTION OF INMATURE STAGE | | | | | | | | | | | | | |
| FIRST LARVAL FOCI | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| LAST LARVAL FOCI | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| N° OF DETECTED LARVAL FOCIS | 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 |
| N° OF PLACES VISITED | 95 | 237 | 379 | 570 | 648 | 686 | 686 | 686 | 686 | 686 | 686 | 686 | 686 |
| N° OF PLACES WITH FRUIT SAMPLES | 41 | 92 | 134 | 181 | 204 | 218 | 218 | 218 | 218 | 218 | 218 | 218 | 218 |
| N° FRUIT SAMPLE ANALYZED | 86 | 296 | 420 | 513 | 584 | 650 | 650 | 650 | 650 | 650 | 650 | 650 | 650 |
| N° OF FRUIT UNITS ANALYZED | 706 | 2232 | 3111 | 3769 | 4241 | 4570 | 4570 | 4570 | 4570 | 4570 | 4570 | 4570 | 4570 |
| N° FRUIT KILOS ANALYZED | 46,86 | 100,972 | 146,762 | 168,824 | 190,121 | 205,447 | 205,447 | 205,447 | 205,447 | 205,447 | 205,447 | 205,447 | 205,447 |
| N° FRUIT SPECIES ANALYZED | 9 | 14 | 21 | 26 | 27 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| UNITS OF INFESTED FRUIT | 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 |
| N° OF FRUIT SPECIES INFESTED | 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) | ..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| N° OF PLACES WITH SOIL TREATMENT | ..... | 1 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| SQUARE MTS2 OF SOIL TREATMENT | ..... | 345 | 463 | 521 | 521 | 521 | 521 | 521 | 521 | 521 | 521 | 521 | 521 |
| LITERS OF DZN APPLIED | ..... | 3450 | 4630 | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 |
| KILOS OF FRUIT STRIPPED | 30 | 1077,6 | 1598,3 | 1944,17 | 2104,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 |
| N° OF FRUIT SPECIES STRIPPED | 1 | 16 | 20 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS | | | | | | | | | | | | | |
| FIRST CYCLE | 12,65 °D | 47,85°D | 68,75 | 90,55°D | 111,00°D | 125,70°D | 134,9°D | 143,9°D | 172,3°D | 186,25°D | 199,45°D | 203,9°D | 203,9°D |
| SECOND CYCLE | | | | | | | | | | | | | |
| THIRD CYCLE | | | | | | | | | | | | | |

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



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| WEEKS / REPORTS # | 05-07-21 TO 11-07-21 # 14 | 12-07-21 TO 18-07-21 # 15 | 19-07-21 TO 25-07-21 # 16 | 26-07-21 TO 01-08-21 # 17 | 02-08-21 TO 08-08-21 # 18 | 09-08-21 TO 15-08-21 # 19 | 16-08-21 TO 22-08-21 # 20 | 23-08-21 TO 29-08-21 # 21 | 30-08-21 TO 05-09-21 # 22 | 06-09-21 TO 12-09-21 # 23 | 13-09-21 TO 19-09-21 # 24 | 20-09-21 TO 26-09-21 # 25 | 27-09-21 TO 03-10-21 # 26 |
|---|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|
| ITEMS /WORKS | | | | | | | | | | | | | |
| ADULTS DETECTION | | | | | | | | | | | | | |
| DATE FIRST DETECTION | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 |
| DATE LAST DETECTION | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 |
| N° TOTAL DETECTIONS | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| N° WEEK SINCE LAST DETECTION | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| N° OF TRAPS AT WORKING AREA | 59 | 59 | 59 | 59 | 59 | 59 | 59 | 59 | 59 | 59 | 59 | 60 | 60 |
| N° OF TRAPS INSPECTION | 1890 | 1999 | 2108 | 2218 | 2319 | 2319 | 2527 | 2633 | 2740 | 2850 | 2945 | 3049 | 3161 |
| 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 |
| DETECTION OF INMATURE STAGE | | | | | | | | | | | | | |
| FIRST LARVAL FOCI | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| LAST LARVAL FOCI | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| N° OF DETECTED LARVAL FOCIS | 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 |
| N° OF PLACES VISITED | 686 | 686 | 686 | 686 | 686 | 686 | 686 | 686 | 686 | 686 | 686 | 686 | 686 |
| Nº OF PLACES WITH FRUIT SAMPLES | 218 | 218 | 218 | 218 | 218 | 218 | 218 | 218 | 218 | 218 | 218 | 218 | 218 |
| N° FRUIT SAMPLE ANALYZED | 650 | 650 | 650 | 650 | 650 | 650 | 650 | 650 | 650 | 650 | 650 | 650 | 650 |
| Nº OF FRUIT UNITS ANALYZED | 4570 | 4570 | 4570 | 4570 | 4570 | 4570 | 4570 | 4570 | 4570 | 4570 | 4570 | 4570 | 4570 |
| N° FRUIT KILOS ANALYZED | 205,447 | 205,447 | 205,447 | 205,447 | 205,447 | 205,447 | 205,447 | 205,447 | 205,447 | 205,447 | 205,447 | 205,447 | 205,447 |
| N° FRUIT SPECIES ANALYZED | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| UNITS OF INFESTED FRUIT | 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 |
| N° OF FRUIT SPECIES INFESTED | 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) | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| N° OF PLACES WITH SOIL TREATMENT | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| SQUARE MTS2 OF SOIL TREATMENT | 521 | 521 | 521 | 521 | 521 | 521 | 521 | 521 | 521 | 521 | 521 | 521 | 521 |
| LITERS OF DZN APPLIED | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 |
| KILOS OF FRUIT STRIPPED | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 |
| N° OF FRUIT SPECIES STRIPPED | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS | | | | | | | | | | | | | |
| FIRST CYCLE | 203,9°D | 203,9°D | 205,1°D | 206,65°D | 212,25°D | 218,15°D | 241,5°D | 259,25°D | 292,75°D | 326,25°D | 326,25°D PLUS 10 DAYS ADULT | | |
| SECOND CYCLE | | | | | | | | | | | | 12,45°D | 23,8°D |
| THIRD CYCLE | | | | | | | | | | | | | |

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



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| WEEKS / REPORTS # | 04-10-21 TO 10-10-21 # 27 | 11-10-21 TO 17-10-21 # 28 | 18-10-21 TO 24-10-21 # 29 | 25-10-21 TO 31-10-21 # 30 | 01-11-21 TO 07-11-21 # 31 | 08-11-21 TO 14-11-21 # 32 | 15-11-21 TO 21-11-21 # 33 | 22-11-21 TO 28-11-21 # 34 | 29-11-21 TO 05-12-21 # 35 | 06-12-21 TO 12-12-21 # 36 | 13-12-21 TO 19-12-21 # 37 | 20-12-21 TO 26-12-21 # 38 | 27-12-21 TO 02-01-22 # 39 |
|---|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|
| ITEMS /WORKS | | | | | | | | | | | | | |
| ADULTS DETECTION | | | | | | | | | | | | | |
| DATE FIRST DETECTION | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 | 23-02-2021 |
| DATE LAST DETECTION | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 | 09-04-2021 |
| N° TOTAL DETECTIONS | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| N° WEEK SINCE LAST DETECTION | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 |
| N° OF TRAPS AT WORKING AREA | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| N° OF TRAPS INPECTION | 3272 | 3380 | 3483 | 3581 | 3688 | 3790 | 3893 | 3943 | 4002 | 4062 | 4122 | 4182 | 4242 |
| INSPECTION FRECUENCY | TWICE A WEEK | TWICE A WEEK | TWICE A WEEK | TWICE A WEEK | TWICE A WEEK | TWICE A WEEK | TWICE A WEEK | NORMAL FRECUENCY | NORMAL FRECUENCY | NORMAL FRECUENCY | NORMAL FRECUENCY | NORMAL FRECUENCY | NORMAL FRECUENCY |
| DETECTION OF INMATURE STAGE | | | | | | | | | | | | | |
| FIRST LARVAL FOCI | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| LAST LARVAL FOCI | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| N° OF DETECTED LARVAL FOCIS | 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 |
| N° OF PLACES VISITED | 694 | 694 | 694 | 694 | 699 | 700 | 701 | 702 | 705 | 705 | 705 | 705 | 705 |
| Nº OF PLACES WITH FRUIT SAMPLES | 226 | 226 | 226 | 226 | 231 | 232 | 233 | 234 | 237 | 237 | 237 | 237 | 237 |
| N° FRUIT SAMPLE ANALYZED | 661 | 661 | 661 | 661 | 663 | 664 | 665 | 666 | 669 | 669 | 669 | 669 | 669 |
| Nº OF FRUIT UNITS ANALYZED | 4661 | 4661 | 4661 | 4661 | 4765 | 4770 | 4780 | 4790 | 4850 | 4850 | 4850 | 4850 | 4850 |
| N° FRUIT KILOS ANALYZED | 212,6 | 212,6 | 212,6 | 212,6 | 214,2 | 214,3 | 214,4 | 214,5 | 215,4 | 215,4 | 215,4 | 215,4 | 215,4 |
| N° FRUIT SPECIES ANALYZED | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| UNITS OF INFESTED FRUIT | 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 |
| N° OF FRUIT SPECIES INFESTED | 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) | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| N° OF PLACES WITH SOIL TREATMENT | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| SQUARE MTS2 OF SOIL TREATMENT | 521 | 521 | 521 | 521 | 521 | 521 | 521 | 521 | 521 | 521 | 521 | 521 | 521 |
| LITERS OF DZN APPLIED | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 | 5210 |
| KILOS OF FRUIT STRIPPED | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 | 2234,17 |
| N° OF FRUIT SPECIES STRIPPED | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS | | | | | | | | | | | | | |
| FIRST CYCLE | | | | | | | | | | | | | |
| SECOND CYCLE | 37,5°D | 58,6°D | 90,9°D | 133,5°D | 215,85°D | 320,35°D | 336,35°D PLUS 6 DAYS ADULT | 336,35°D PLUS 10 DAYS ADULT | | | | | |
| THIRD CYCLE | | | | | | | | 20,75°D | 61,55°D | 106,05°D | 150,45°D | 278,45°D | 332,75°D PLUS 4 DAYS ADULT |

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



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| WEEKS / REPORTS # | 03-01-22 TO 09-01-22 # 40 |
|---|--------------------------------|
| ITEMS /WORKS | |
| ADULTS DETECTION | |
| DATE FIRST DETECTION | 23-02-2021 |
| DATE LAST DETECTION | 09-04-2021 |
| N° TOTAL DETECTIONS | 2 |
| N° WEEK SINCE LAST DETECTION | 39 |
| N° OF TRAPS AT WORKING AREA | 60 |
| N° OF TRAPS INPECTION | 4302 |
| INSPECTION FRECUENCY | NORMAL FRECUENCY |
| DETECTION OF INMATURE STAGE | |
| FIRST LARVAL FOCI | ..... |
| LAST LARVAL FOCI | ..... |
| N° OF DETECTED LARVAL FOCIS | 0 |
| N° OF WEEKS SINCE LAST LARVAL FOCI | 0 |
| N° OF PLACES VISITED | 705 |
| Nº OF PLACES WITH FRUIT SAMPLES | 237 |
| N° FRUIT SAMPLE ANALYZED | 669 |
| Nº OF FRUIT UNITS ANALYZED | 4850 |
| N° FRUIT KILOS ANALYZED | 215,4 |
| N° FRUIT SPECIES ANALYZED | 28 |
| UNITS OF INFESTED FRUIT | 0 |
| ACCUMULATIVE INFECTION PERCENTAGE (1) | 0 |
| N° OF FRUIT SPECIES INFESTED | 0 |
| CONTROL FOR INMATURE STAGES AND ADULTS | |
| LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120) | ..... |
| N° OF PLACES WITH SOIL TREATMENT | 4 |
| SQUARE MTS2 OF SOIL TREATMENT | 521 |
| LITERS OF DZN APPLIED | 5210 |
| KILOS OF FRUIT STRIPPED | 2234,17 |
| N° OF FRUIT SPECIES STRIPPED | 22 |
| CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS | |
| FIRST CYCLE | |
| SECOND CYCLE | |
| THIRD CYCLE | 332,75°D PLUS 10 DAYS ADULT |

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

