



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

**COUNTY: SAN ESTEBAN - PROVINCE: LOS ANDES - REGION: VALPARAÍSO**

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| WEEKS / REPORTS #                                       | 25-03-2024 TO 31-03-2024 #1 | 01-04-2024 TO 07-04-2024 #2 | 08-04-2024 TO 14-04-2024 #3 | 15-04-2024 TO 21-04-2024 #4 | 22-04-2024 TO 28-04-2024 #5 | 29-04-2024 TO 05-05-2024 #6 | 06-05-2024 TO 12-05-2024 #7 | 13-05-2024 TO 19-05-2024 #8 | 20-05-2024 TO 26-05-2024 #9 | 27-05-2024 TO 02-06-2024 #10 | 03-06-2024 TO 09-06-2024 #11 | 10-06-2024 TO 16-06-2024 #12 |
|---|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|
| <b>ITEMS /WORKS</b>                                     |                             |                             |                             |                             |                             |                             |                             |                             |                             |                              |                              |                              |
| <b>ADULTS DETECTION</b>                                 |                             |                             |                             |                             |                             |                             |                             |                             |                             |                              |                              |                              |
| DATE FIRST DETECTION                                    | 29-02-2024                  | 29-02-2024                  | 29-02-2024                  | 29-02-2024                  | 29-02-2024                  | 29-02-2024                  | 29-02-2024                  | 29-02-2024                  | 29-02-2024                  | 29-02-2024                   | 29-02-2024                   | 29-02-2024                   |
| DATE LAST DETECTION                                     | 28-03-2024                  | 01-04-2024                  | 08-04-2024                  | 08-04-2024                  | 08-04-2024                  | 08-04-2024                  | 08-04-2024                  | 08-04-2024                  | 08-04-2024                  | 08-04-2024                   | 08-04-2024                   | 08-04-2024                   |
| N° TOTAL DETECTIONS                                     | 4                           | 5                           | 6                           | 6                           | 6                           | 6                           | 6                           | 6                           | 6                           | 6                            | 6                            | 6                            |
| N° WEEK SINCE LAST DETECTION                            | 0                           | 0                           | 0                           | 1                           | 2                           | 3                           | 4                           | 5                           | 6                           | 7                            | 8                            | 9                            |
| N° OF TRAPS AT WORKING AREA                             | 261                         | 350                         | 386                         | 438                         | 464                         | 583                         | 589                         | 589                         | 541                         | 541                          | 541                          | 541                          |
| N° OF TRAPS INPECTION                                   | 1520                        | 2144                        | 2688                        | 3301                        | 3907                        | 4698                        | 5425                        | 6248                        | 6789                        | 7573                         | 8347                         | 9033                         |
| 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                 |
| <b>DETECTION OF INMATURE STAGE</b>                      |                             |                             |                             |                             |                             |                             |                             |                             |                             |                              |                              |                              |
| FIRST LARVAL FOCI                                       | 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                            |
| N° OF DETECTED LARVAL FOCIS                             | 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                            |
| N° OF PLACES VISITED                                    | 60                          | 60                          | 60                          | 80                          | 161                         | 223                         | 311                         | 427                         | 491                         | 757                          | 825                          | 893                          |
| Nº OF PLACES WITH FRUIT SAMPLES                         | 55                          | 55                          | 55                          | 70                          | 110                         | 142                         | 187                         | 229                         | 261                         | 406                          | 438                          | 464                          |
| N° FRUIT SAMPLE ANALYZED                                | 258                         | 258                         | 258                         | 525                         | 875                         | 1038                        | 1264                        | 1639                        | 1856                        | 2225                         | 2888                         | 3294                         |
| Nº OF FRUIT UNITS ANALYZED                              | 3132                        | 3132                        | 3132                        | 5379                        | 7834                        | 9270                        | 10933                       | 14472                       | 15856                       | 17559                        | 21437                        | 23701                        |
| N° FRUIT KILOS ANALYZED                                 | 192                         | 192                         | 192                         | 323,1                       | 590,7                       | 705,85                      | 851,1                       | 1026                        | 1113                        | 1310                         | 1717                         | 1916,3                       |
| N° FRUIT SPECIES ANALYZED                               | 11                          | 11                          | 11                          | 26                          | 26                          | 26                          | 26                          | 26                          | 26                          | 28                           | 29                           | 31                           |
| 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                            |
| <b>CONTROL FOR INMATURE STAGES AND ADULTS</b>           |                             |                             |                             |                             |                             |                             |                             |                             |                             |                              |                              |                              |
| LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)         | 410                         | 910                         | 930                         | 1280                        | 1280                        | 1680                        | 1680                        | 1880                        | 2080                        | 2550                         | 2550                         | 2550                         |
| N° OF PLACES WITH SOIL TREATMENT                        | 0                           | 2                           | 2                           | 4                           | 9                           | 10                          | 14                          | 14                          | 15                          | 15                           | 15                           | 15                           |
| SQUARE MTS2 OF SOIL TREATMENT                           | 0                           | 175                         | 915                         | 1405                        | 1880                        | 2155                        | 2255                        | 2720                        | 2720                        | 2995                         | 3115                         | 3115                         |
| LITERS OF DZN APPLIED                                   | 0                           | 1750                        | 9150                        | 14400                       | 20000                       | 23000                       | 24000                       | 31500                       | 31500                       | 36500                        | 38150                        | 38150                        |
| KILOS OF FRUIT STRIPPED                                 | 32,07                       | 302                         | 877                         | 910                         | 1440                        | 2575,15                     | 2974                        | 3447,5                      | 4347,5                      | 5057,5                       | 5131                         | 5131                         |
| N° OF FRUIT SPECIES STRIPPED                            | 10                          | 10                          | 10                          | 10                          | 16                          | 16                          | 17                          | 17                          | 17                          | 17                           | 17                           | 17                           |
| <b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b> |                             |                             |                             |                             |                             |                             |                             |                             |                             |                              |                              |                              |
| FIRST CYCLE   | 59,64°D                     | 81,81°D                     | 143,75°D                    | 120,11°D                    | 167,28°D                    | 198,36°D                    | 220,26°D                    | 221,98°D                    | 227,7°D                     | 239,79°D                     | 253,51°D                     | 255,71°D                     |
| SECOND CYCLE  |                             |                             |                             |                             |                             |                             |                             |                             |                             |                              |                              |                              |
| THIRD CYCLE   |                             |                             |                             |                             |                             |                             |                             |                             |                             |                              |                              |                              |

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





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| WEEKS / REPORTS #                                       | 09-09-2024 TO 15-09-2024 #25 | 16-09-2024 TO 22-09-2024 #26 | 23-09-2024 TO 29-09-2024 #27 | 30-09-2024 TO 06-10-2024 #28 |
|---|------------------------------|------------------------------|------------------------------|------------------------------|
| <b>ITEMS /WORKS</b>                                     |                              |                              |                              |                              |
| <b>ADULTS DETECTION</b>                                 |                              |                              |                              |                              |
| DATE FIRST DETECTION                                    | 29-02-2024                   | 29-02-2024                   | 29-02-2024                   | 29-02-2024                   |
| DATE LAST DETECTION                                     | 08-04-2024                   | 08-04-2024                   | 08-04-2024                   | 08-04-2024                   |
| N° TOTAL DETECTIONS                                     | 6                            | 6                            | 6                            | 6                            |
| N° WEEK SINCE LAST DETECTION                            | 22                           | 23                           | 24                           | 25                           |
| N° OF TRAPS AT WORKING AREA                             | 452                          | 452                          | 452                          | 376                          |
| N° OF TRAPS INPECTION                                   | 17682                        | 18160                        | 18834                        | 19432                        |
| INSPECTION FRECUENCY                                    | TWICE A WEEK                 | TWICE A WEEK                 | TWICE A WEEK                 | TWICE A WEEK                 |
| <b>DETECTION OF INMATURE STAGE</b>                      |                              |                              |                              |                              |
| FIRST LARVAL FOCI                                       | 0                            | 0                            | 0                            | 0                            |
| LAST LARVAL FOCI  | 0                            | 0                            | 0                            | 0                            |
| N° OF DETECTED LARVAL FOCIS                             | 0                            | 0                            | 0                            | 0                            |
| N° OF WEEKS SINCE LAST LARVAL FOCI                      | 0                            | 0                            | 0                            | 0                            |
| N° OF PLACES VISITED                                    | 4166                         | 4193                         | 4461                         | 4757                         |
| Nº OF PLACES WITH FRUIT SAMPLES                         | 2273                         | 2286                         | 2411                         | 2577                         |
| N° FRUIT SAMPLE ANALYZED                                | 7151                         | 7337                         | 7595                         | 7850                         |
| Nº OF FRUIT UNITS ANALYZED                              | 46886                        | 47554                        | 48424                        | 49398                        |
| N° FRUIT KILOS ANALYZED                                 | 3465                         | 3513                         | 3595                         | 3680                         |
| N° FRUIT SPECIES ANALYZED                               | 37                           | 38                           | 38                           | 38                           |
| UNITS OF INFESTED FRUIT                                 | 0                            | 0                            | 0                            | 0                            |
| ACCUMULATIVE INFECTION PERCENTAGE (1)                   | 0                            | 0                            | 0                            | 0                            |
| N° OF FRUIT SPECIES INFESTED                            | 0                            | 0                            | 0                            | 0                            |
| <b>CONTROL FOR INMATURE STAGES AND ADULTS</b>           |                              |                              |                              |                              |
| LITERS OF INSECTICIDE APPLIED (SUCCESS -GF/120)         | 4950                         | 4950                         | 5070                         | 5070                         |
| N° OF PLACES WITH SOIL TREATMENT                        | 15                           | 15                           | 15                           | 15                           |
| SQUARE MTS2 OF SOIL TREATMENT                           | 3115                         | 3115                         | 3115                         | 3115                         |
| LITERS OF DZN APPLIED                                   | 38150                        | 38150                        | 38150                        | 38150                        |
| KILOS OF FRUIT STRIPPED                                 | 5131                         | 5131                         | 5131                         | 5131                         |
| N° OF FRUIT SPECIES STRIPPED                            | 17                           | 17                           | 17                           | 17                           |
| <b>CYCLE ESTIMATION BASED AT SUMMATORY DAYS DEGRESS</b> |                              |                              |                              |                              |
| FIRST CYCLE   |                              |                              |                              |                              |
| SECOND CYCLE  | 111,52°D                     | 150,58°D                     | 176,04°D                     | 215,31°D                     |
| THIRD CYCLE   |                              |                              |                              |                              |

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