



# Certificate

MPS-ECAS awards this certificate in accordance with the  
certification scheme MPS-ABC version 16.1, to:

**Societa Agricola Giorgio Tesi Vivai S.S.**  
**Via di Badia 16**  
**51032 PISTOIA**  
**Italy**  
**MPS-number: 802529**

Applicable to environmental clusters:

NURS.ST. Forestry&Hedging; NURSERY STOCK Avenue&Park; Pot plants other outdoor  
NURSERY STOCK 1; NURSERY STOCK container growing 1; Herbaceous perennials container  
VEGETABLES/FRUITS POTPLANTS outdoor

Validity: **30-1-2023 valid up to and including 21-5-2023**

Total points: **88,1**

Qualification: **A**

Kind regards,  
MPS-ECAS

Signature:

Date of issue:  
28-1-2023

Drs. R. Landsmeer, Manager Operations

*N.B.: This certificate is only valid for the period specified above.*

P.O. Box 114  
2678 ZJ De Lier  
The Netherlands

# QUALIFICATION AND PERIOD GRAPHS

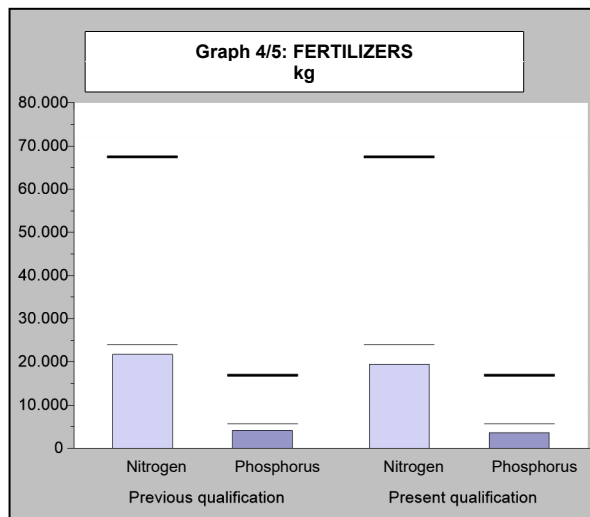
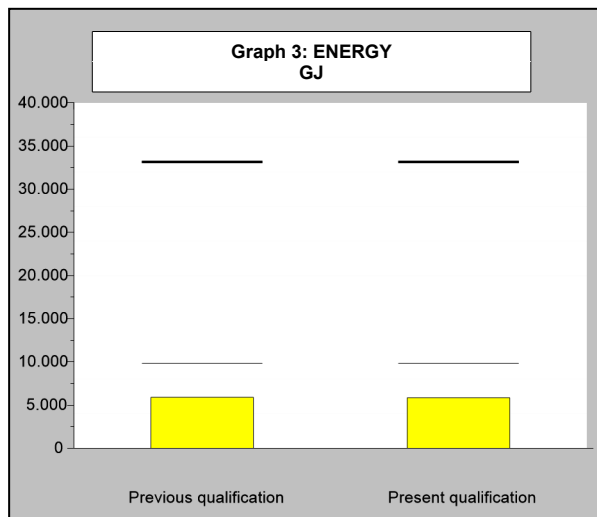
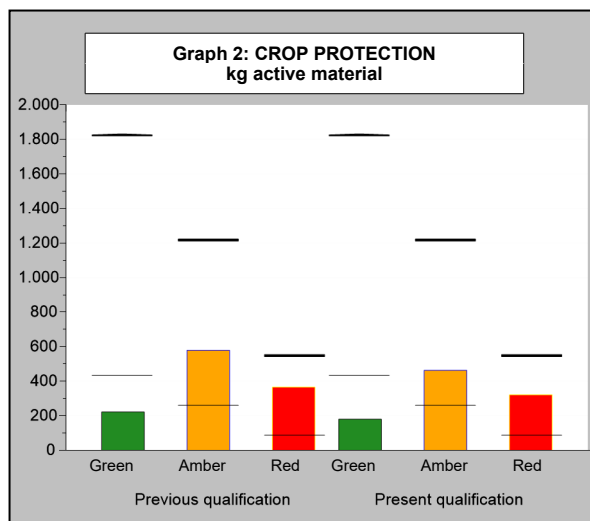
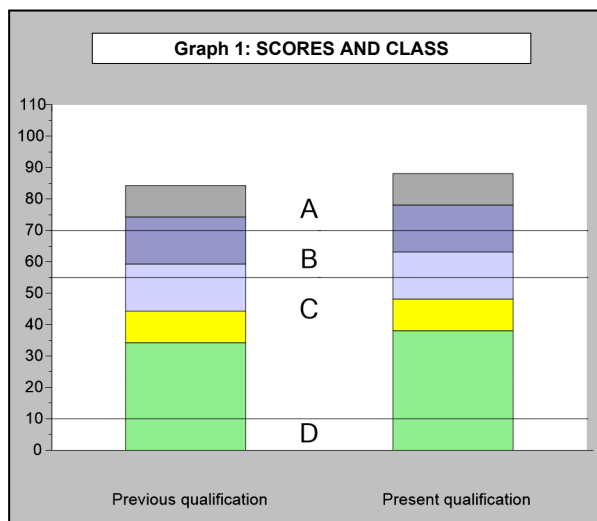
MPS company number: **802529/01**  
 Company name: Societa Agricola Giorgio Tesi Vivai S.S. (total)

Valid: Period 1-2022 until Period 13-2022  
 Version: 28-1-2023

**Table 1: DATA QUALIFICATIONS**

| SUBJECT                     |            | Your Company standard | Your use | Your points | max. points | A+ standard | A+ score | Obtained |
|-----------------------------|------------|-----------------------|----------|-------------|-------------|-------------|----------|----------|
|                             |            | Lower- Upper limit    |          |             |             |             |          |          |
| Crop protection             | Green      | 434,2-1826,3 kg       | 180      | <b>15</b>   | 15          |             |          |          |
|                             | Amber      | 260,6-1217,6 kg       | 463      | <b>15,8</b> | 20          |             |          |          |
|                             | Red        | 87-548,1 kg           | 321,6    | <b>7,4</b>  | 15          |             |          |          |
| total                       |            |                       |          | <b>38,1</b> | 50          | 85 %        | 76,2 %   | no       |
| Energy total                |            | 9819,5-33159,5 GJ     | 5850,4   | <b>10,1</b> | 10,1        | 75 %        | 100 %    | yes      |
| Fertilizers                 | Nitrogen   | 24027,2-67484,2 kg    | 19456,9  | <b>15</b>   | 15          |             |          |          |
|                             | Phosphorus | 5685-16920,7 kg       | 3614,4   | <b>15</b>   | 15          |             |          |          |
| total                       |            |                       |          | <b>30</b>   | 30          | 75 %        | 100 %    | yes      |
| Waste                       |            | 0-130                 | 130      | <b>10</b>   | 10          |             |          |          |
| Water                       |            |                       |          |             |             |             |          |          |
| Certified parental material |            |                       |          | <b>0</b>    | 10          |             |          |          |
| Total score (points)        |            |                       |          | <b>88,1</b> | 110         | 90          | 88,1     | no       |
| COMPANY QUALIFICATION       |            |                       |          | <b>A</b>    |             |             |          |          |

**COMPANY USAGE PER 13 PERIODS**  
 <-----> = Upper limit <.....> = Lower limit

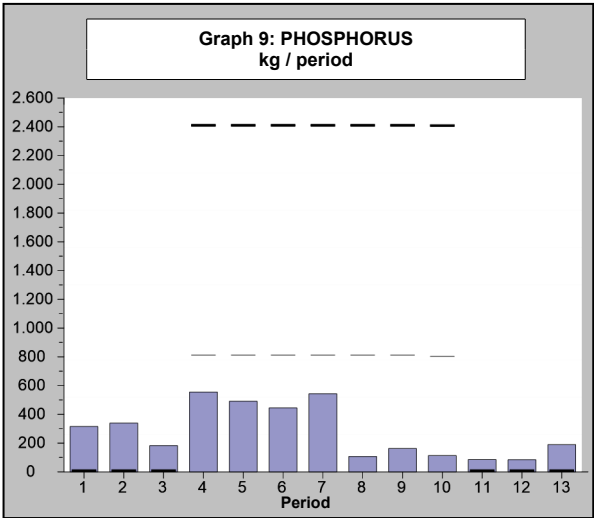
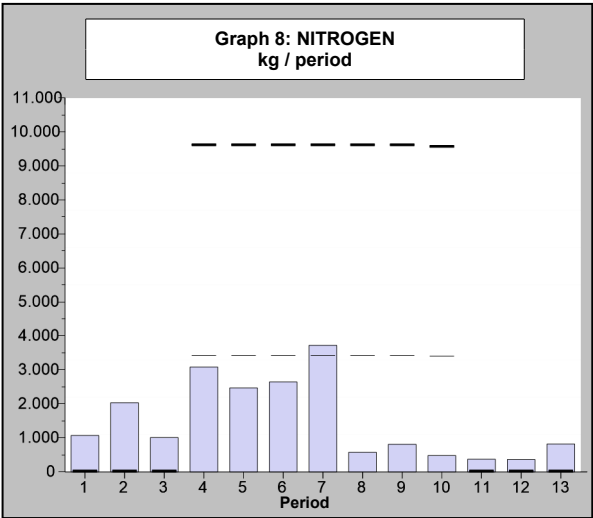
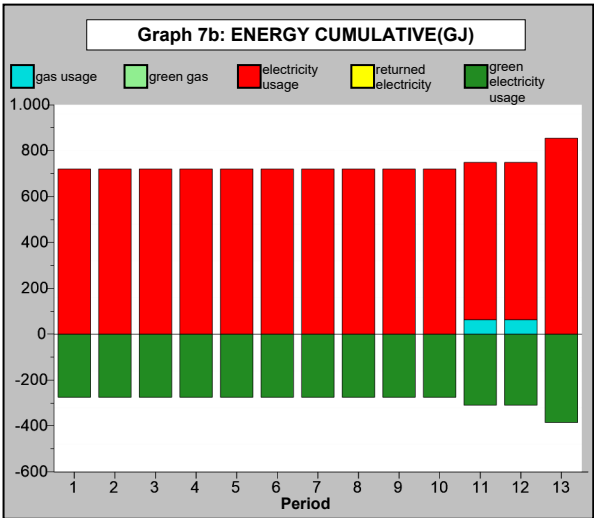
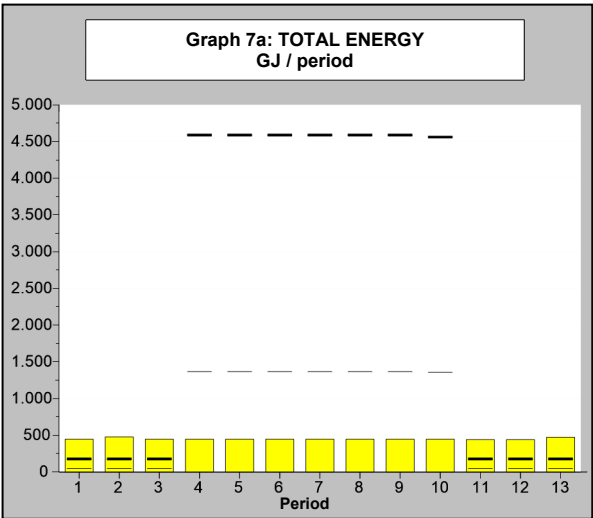
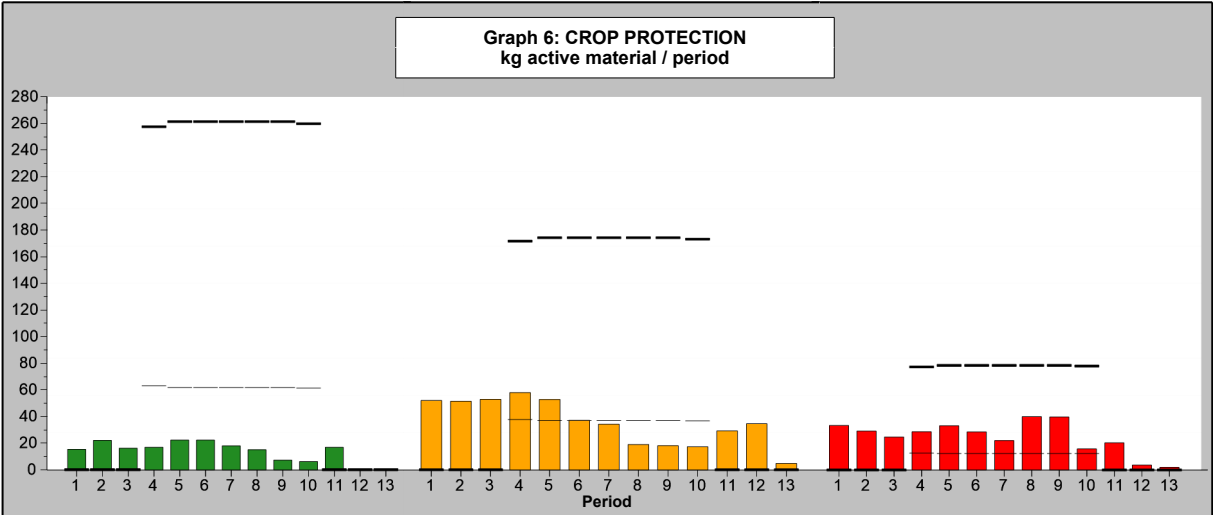


# QUALIFICATION AND PERIOD GRAPHS

MPS company number: 802529/01  
Company name: Societa Agricola Giorgio Tesi Vivai S.S. (total)

Valid: Period 1-2022 until Period 13-2022  
Version: 28-1-2023

<-----> = Upperlimit    <.....> = Lowerlimit



# MPS-Overview Composition of Qualification

MPS company number: **802529/01**  
 Company name: Societa Agricola Giorgio Tesi Vivai S.S. (total)

Valid: Period 1-2022 until Period 13-2022  
 Version: 28-1-2023

## Composition of points MPS environmentally certified parental material

| Certified parental material                  | (Average) area | Your Points | Max points |
|----------------------------------------------|----------------|-------------|------------|
| Total cultivated area 1)                     | 1899811 m2     |             |            |
| Area certified parental material MPS-ABC     | 0 m2           | 0           | 10         |
| Area certified parental material GLOBALGAP   | 0 m2           | 0           | 5          |
| Total points for Certified parental material |                | 0           | 10         |

1) Total means: the total area covered and uncovered cultivation and the second crop layer. Not included is the uncultivated area.

## Overview Environmental zones

| Period        | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Environmental | Zone 2 | Zone 2 | Zone 2 | Zone 2 | Zone 2 | Zone 2 | Zone 2 | Zone 2 | Zone 2 | Zone 2 | Zone 2 | Zone 2 | Zone 2 |

## Company usage of MPS-MIND

| Pesticide            | Indicator color | active ingredient             | Annual company use of active substance |         |        |
|----------------------|-----------------|-------------------------------|----------------------------------------|---------|--------|
|                      |                 |                               | Green                                  | Amber   | Red    |
| Affirm               | ●               | emamectin benzoate            |                                        | 1,017   |        |
| Airone Liquido       | ●               | copper                        |                                        | 33,456  |        |
| Asset Five           | ●               | pyrethrins                    | 0,767                                  |         |        |
| Basfoliar Kelp SL    | ○               | seaweed extract               |                                        |         |        |
| Bioclean             | ○               | hydrogen peroxide             |                                        |         |        |
| Closer               | ●               | sulfoxaflor                   | 3,360                                  |         |        |
| Cober Plus           | ○               | herbal extract                |                                        |         |        |
| Costar WG            | ○               | bacillus thuringiensis        |                                        |         |        |
| Domark 125           | ●               | tetraconazole                 |                                        | 1,500   |        |
| Driscoll             | ●               | difenoconazole                |                                        |         | 0,250  |
| Epik SL (vloeibaar)  | ●               | acetamiprid                   | 3,000                                  |         |        |
| Equiseto             | ○               | plant extract                 |                                        |         |        |
| Forum 50 WP          | ●               | dimethomorph                  | 17,000                                 |         |        |
| Gallery              | ●               | isoxaben                      |                                        | 0,910   |        |
| Hanukys              | ●               | quizalofop-p-ethyl            | 0,300                                  |         |        |
| Hereu SC             | ●               | oxyfluorfen                   |                                        |         | 18,500 |
| Hopper 480           | ●               | glyphosate                    |                                        | 207,116 |        |
| Katoun Gold          | ○               | nonanoic acid/pelargonic acid |                                        |         |        |
| Kelpak               | ○               | seaweed extract               |                                        |         |        |
| King                 | ●               | copper                        |                                        | 0,720   |        |
| Kronos               | ●               | oxyfluorfen                   |                                        |         | 96,000 |
| Logrado 490          | ●               | glyphosate                    |                                        | 32,024  |        |
| Nephroin Insetticida | ●               | cypermethrin                  |                                        | 0,001   |        |
|                      | ●               | permethrin                    |                                        |         | 0,002  |
|                      | ●               | piperonyl butoxide            | 0,005                                  |         |        |
|                      | ●               | tetramethrin                  |                                        |         | 0,001  |
| Pendiwin             | ●               | pendimethalin                 |                                        |         | 90,000 |
| Petalin              | ●               | pendimethalin                 |                                        |         | 24,000 |
| Player SC            | ●               | tebuconazole                  |                                        | 0,042   |        |
| Prev-AM Plus         | ○               | d-limonene                    |                                        |         |        |
| Ready Germiplus      | ●               | pendimethalin                 |                                        |         | 1,190  |
| Relief               | ○               | vegetable oil                 |                                        |         |        |
| Ridomil Gold SL      | ●               | metalaxyl-m                   |                                        | 1,628   |        |
| Roundup Platinum     | ●               | glyphosate                    |                                        | 67,200  |        |
| Scirocco 125 EW      | ●               | tetraconazole                 |                                        | 0,125   |        |
| Scudo                | ●               | pyrimiphos-methyl             |                                        | 43,082  |        |
| Sharpen 40 SC        | ●               | pendimethalin                 |                                        |         | 82,800 |

## MPS-Overview Composition of Qualification

MPS company number: **802529/01**

Valid: Period 1-2022 until Period 13-2022

Company name: Societa Agricola Giorgio Tesi Vivai S.S. (total)

Version: 28-1-2023

### Company usage of MPS-MIND

| Pesticide                                     | Indicator color | active ingredient             | Annual company use of active substance |                |                |
|-----------------------------------------------|-----------------|-------------------------------|----------------------------------------|----------------|----------------|
|                                               |                 |                               | Green                                  | Amber          | Red            |
| Signum                                        | ●               | boscalid                      | 1,068                                  |                |                |
| Signum                                        | ●               | pyraclostrobin                | 0,268                                  |                |                |
| Soptech                                       | ○               | fatty alcohols                |                                        |                |                |
| Stomp aqua                                    | ●               | pendimethalin                 |                                        |                | 0,600          |
| Sword Up                                      | ●               | etofenprox                    |                                        |                | 2,588          |
| Trebon Up                                     | ●               | etofenprox                    |                                        |                | 5,600          |
| Trustee 450                                   | ●               | glyphosate-isopropyl ammonium | 84,000                                 |                |                |
| Tutor 18-15                                   | ●               | copper                        |                                        | 58,500         |                |
|                                               | ●               | fosetyl-aluminium             | 70,200                                 |                |                |
| Underline 0.2 G                               | ●               | tefluthrin                    |                                        |                | 0,029          |
| Vegex Crisoil                                 | ○               | amino and nucleic acids       |                                        |                |                |
| Zamir 18                                      | ●               | abamectin                     |                                        | 0,081          |                |
| Zetaram plus                                  | ●               | copper                        |                                        | 15,580         |                |
| <b>Annual company use of active substance</b> |                 |                               | <b>179,968</b>                         | <b>462,981</b> | <b>321,560</b> |

# OVERVIEW RECORDED DATA

MPS company number: **802529/01**

Company name: Societa Agricola Giorgio Tesi Vivai S.S. (total)

Valid: Period 1-2022 until Period 13-2022

Version: 28-1-2023

| Code                          | Description          | Unit   | Period<br>8 | Period<br>9 | Period<br>10 | Period<br>11 | Period<br>12 | Period<br>13 | Subtotal | Year total |
|-------------------------------|----------------------|--------|-------------|-------------|--------------|--------------|--------------|--------------|----------|------------|
| <b>FORM RECEIVED</b>          |                      |        | yes         | yes         | yes          | yes          | yes          | yes          |          |            |
| <b>CROP PROTECTION AGENTS</b> |                      |        |             |             |              |              |              |              |          |            |
| 3576                          | Affirm               | kg     |             |             |              |              |              |              |          | 107        |
| 5617                          | Airone Liquido       | litres |             |             |              | 20           | 60           |              | 80       | 123        |
| 5681                          | Asset Five           | litres |             |             |              |              |              |              |          | 16,5       |
| 4337                          | Basfoliar Kelp SL    | litres |             |             |              |              |              |              |          | 5          |
| 4085                          | Bioclean             | litres |             |             |              |              |              |              |          | 20         |
| 4565                          | Closer               | litres | 2           | 2           |              |              |              |              | 4        | 28         |
| 5730                          | Cober Plus           | litres | 12          |             |              |              |              | 1,8          | 13,8     | 133,8      |
| 4029                          | Costar WG            | kg     |             |             |              |              |              |              |          | 62         |
| 3960                          | Domark 125           | litres | 1           | 2           | 1            |              |              |              | 4        | 12         |
| 4167                          | Driscoll             | litres |             |             |              |              |              |              |          | 1          |
| 4360                          | Epik SL (vloeibaar)  | litres | 5           |             |              |              |              |              | 5        | 60         |
| 4434                          | Equiseto             | kg     |             |             |              |              |              | 1            | 1        | 61         |
| 3046                          | Forum 50 WP          | kg     |             |             |              | 34           |              |              | 34       | 34         |
| 3065                          | Gallery              | litres |             |             |              |              |              |              |          | 2          |
| 5766                          | Hanukys              | litres |             |             |              |              |              |              |          | 6          |
| 5542                          | Hereu SC             | litres | 5           | 3           |              |              |              |              | 8        | 37         |
| 5506                          | Hopper 480           | litres | 30          | 30          | 30           | 60           | 20           |              | 170      | 520        |
| 5638                          | Katoun Gold          | litres |             |             |              |              |              |              |          | 30         |
| 4409                          | Kelpak               | litres | 10          |             |              |              |              | 3,6          | 13,6     | 433,6      |
| 3526                          | King                 | litres |             |             |              |              |              |              |          | 2          |
| 4556                          | Kronos               | litres | 10          | 20          | 10           | 15           | 2            |              | 57       | 192        |
| 5682                          | Logrado 490          | litres |             |             |              |              |              |              |          | 80         |
| 6025                          | Nephroin Insetticida | litres | 0,038       | 0,038       | 0,038        |              |              |              | 0,114    | 0,385      |
| 5498                          | Pendiwin             | litres | 20          | 20          | 10           | 30           | 5            |              | 85       | 225        |
| 6041                          | Petalin              | litres | 30          | 30          |              |              |              |              | 60       | 60         |
| 3619                          | Player SC            | litres |             |             |              |              |              |              |          | 1          |
| 4403                          | Prev-AM Plus         | litres |             |             |              |              |              |              |          | 50         |
| 3557                          | Ready Germiplus      | kg     |             |             |              |              | 40           |              | 40       | 70         |
| 4172                          | Relief               | litres |             |             |              |              |              |              |          | 50         |
| 3239                          | Ridomil Gold SL      | litres |             |             |              |              |              |              |          | 3,5        |
| 3986                          | Roundup Platinum     | litres | 10          |             |              |              |              |              | 10       | 140        |
| 6042                          | Scirocco 125 EW      | litres |             |             | 1            |              |              |              | 1        | 1          |
| 4196                          | Scudo                | litres |             |             |              |              | 40           | 5,7          | 45,7     | 165,7      |
| 4455                          | Sharpen 40 SC        | litres | 30          | 20          | 17           |              |              |              | 67       | 207        |
| 3242                          | Signum               | kg     |             |             |              |              |              |              |          | 4          |
| 5653                          | Soptech              | litres |             |             |              |              |              | 0,6          | 0,6      | 86,6       |
| 3518                          | Stomp aqua           | litres |             |             |              |              |              |              |          | 3          |

# OVERVIEW RECORDED DATA (Continued)

MPS company number: **802529/01**  
 Company name: **Societa Agricola Giorgio Tesi Vivai S.S. (total)**

Valid: Period 1-2022 until Period 13-2022  
 Version: **28-1-2023**

| Code | Description | Unit | Period<br>8 | Period<br>9 | Period<br>10 | Period<br>11 | Period<br>12 | Period<br>13 | Subtotal | Year total |
|------|-------------|------|-------------|-------------|--------------|--------------|--------------|--------------|----------|------------|
|------|-------------|------|-------------|-------------|--------------|--------------|--------------|--------------|----------|------------|

## CROP PROTECTION AGENTS (Continued)

|      |                 |        |    |    |    |   |  |   |    |      |
|------|-----------------|--------|----|----|----|---|--|---|----|------|
| 5687 | Sword Up        | litres |    |    |    | 3 |  |   | 3  | 9    |
| 3594 | Trebon Up       | litres | 2  | 1  |    |   |  | 7 | 10 | 20   |
| 4064 | Trustee 450     | litres | 20 |    |    |   |  |   | 20 | 140  |
| 5748 | Tutor 18-15     | kg     | 15 | 40 | 35 |   |  |   | 90 | 390  |
| 3661 | Underline 0.2 G | kg     |    |    |    |   |  |   |    | 14,5 |
| 6043 | Vegex Crisoil   | litres |    |    | 20 |   |  |   | 20 | 20   |
| 3321 | Zamir 18        | litres |    |    |    |   |  |   |    | 4,5  |
| 3999 | Zetaram plus    | litres |    |    |    |   |  | 9 | 9  | 41   |

## WATER

|    |                  |    |       |       |       |       |  |       |        |        |
|----|------------------|----|-------|-------|-------|-------|--|-------|--------|--------|
| 21 | Total irrigation | m3 | 58300 | 56300 | 52000 | 47000 |  | 32800 | 246400 | 584100 |
|----|------------------|----|-------|-------|-------|-------|--|-------|--------|--------|

## ENERGY

|    |                           |        |       |       |       |       |       |       |        |         |
|----|---------------------------|--------|-------|-------|-------|-------|-------|-------|--------|---------|
| 1  | Gas consumption           | m3     |       |       |       | 1810  | 1810  |       | 3620   | 3620    |
| 2  | Conversion factor         |        | 1     | 1     | 1     | 1     | 1     | 1     |        |         |
| 3  | Caloric value             |        | 1     | 1     | 1     | 1     | 1     | 1     |        |         |
| 4  | Electricity usage (Total) | kWh    | 80070 | 80070 | 80070 | 76179 | 76180 | 94970 | 487539 | 1048024 |
| 54 | Diesel oil/fuel           | litres |       |       |       |       |       | 100   | 100    | 100     |
| 57 | Gas oil                   | litres |       |       |       |       |       |       |        | 900     |
| 6  | Green Electricity Usage   | kWh    | 30474 | 30474 | 30474 | 34311 | 34300 | 42736 | 202769 | 416086  |

## FERTILIZERS

|      |                                 |        |       |       |       |      |      |      |       |        |
|------|---------------------------------|--------|-------|-------|-------|------|------|------|-------|--------|
| 1925 | Arakar                          | litres |       |       | 20    |      |      |      | 20    | 20     |
| 2418 | ArmoniKa 0+25+32                | litres |       |       |       |      |      | 1,2  | 1,2   | 1,2    |
| 2015 | Barrier Si-Ca                   | litres |       |       |       |      |      |      |       | 10     |
| 2397 | BioMax Magnum 22+0+0.3          | litres | 4,615 | 4,615 | 4,62  |      |      |      | 13,85 | 46,155 |
| 971  | BitterMag (16%MgO + 32%SO3)     | kg     |       | 100   |       |      |      |      | 100   | 350    |
| 489  | Chelene                         | kg     |       | 20    |       |      |      |      | 20    | 55     |
| 2285 | Dermacote Riconcimazione 15+5+5 | kg     | 3000  | 400   |       |      |      |      | 3400  | 24400  |
| 2399 | D-Fens GR 0+31+52               | kg     | 1,385 | 1,385 | 1,38  |      |      |      | 4,15  | 13,845 |
| 1304 | Ferri+plus 32                   | kg     |       | 5     |       |      |      |      | 5     | 15     |
| 551  | Fertacid                        | litres |       |       |       |      |      |      |       | 24     |
| 1739 | Ferticus 18 pb                  | kg     |       |       |       |      |      |      |       | 70     |
| 1996 | Fertilextra 12+5+5              | kg     |       |       |       |      |      |      |       | 33000  |
| 1840 | Fertorganico 11+0+0             | kg     |       |       |       |      |      |      |       | 9000   |
| 2398 | FGL Pro 350                     | litres | 1,538 | 1,538 | 1,544 |      |      | 0,6  | 5,22  | 15,986 |
| 1780 | Ficote Total 17+9+10 (+2MgO)+TE | kg     | 692   | 944   | 2780  | 2188 | 2140 | 4820 | 13564 | 46392  |

## OVERVIEW RECORDED DATA (Continued)

MPS company number: **802529/01**  
 Company name: **Societa Agricola Giorgio Tesi Vivai S.S. (total)**

Valid: Period 1-2022 until Period 13-2022  
 Version: 28-1-2023

| Code | Description | Unit | Period<br>8 | Period<br>9 | Period<br>10 | Period<br>11 | Period<br>12 | Period<br>13 | Subtotal | Year total |
|------|-------------|------|-------------|-------------|--------------|--------------|--------------|--------------|----------|------------|
|------|-------------|------|-------------|-------------|--------------|--------------|--------------|--------------|----------|------------|

### FERTILIZERS (Continued)

|      |                                                  |        |     |      |    |  |  |  |      |      |
|------|--------------------------------------------------|--------|-----|------|----|--|--|--|------|------|
| 2036 | Fosfato Biammonico (DAP) 18+46+0                 | kg     |     |      |    |  |  |  |      | 50   |
| 698  | Fosfato Monopotassico 52/34                      | kg     |     | 125  |    |  |  |  | 125  | 280  |
| 2368 | Maxi-Kare                                        | litres |     |      | 19 |  |  |  | 19   | 19   |
| 1149 | multi-Micro Comb                                 | kg     |     | 10   |    |  |  |  | 10   | 35   |
| 1631 | MYR Ferro                                        | litres | 5   | 5    | 5  |  |  |  | 15   | 25   |
| 2369 | Naturdai Mimetic                                 | litres |     |      | 20 |  |  |  | 20   | 20   |
| 1172 | Neutral 3+17+0                                   | litres | 3   | 10   |    |  |  |  | 13   | 45   |
| 461  | Nitrato ammonico (34.5% N)                       | kg     |     | 100  |    |  |  |  | 100  | 450  |
| 462  | Nitrato di potassio                              | kg     |     | 425  |    |  |  |  | 425  | 1250 |
| 919  | NPK Original Gold 15+9+15<br>(+2MgO+20SO3)+0.3Fe | kg     |     |      | 50 |  |  |  | 50   | 400  |
| 387  | Osmocote Pro 18+9+10+2MgO+TE                     | kg     |     |      |    |  |  |  |      | 25   |
| 469  | Osmocote Topdress 19+6+10                        | kg     |     |      |    |  |  |  |      | 1425 |
| 468  | Osmocote Topdress 22+5+6                         | kg     | 25  | 800  |    |  |  |  | 825  | 8875 |
| 2367 | Piper                                            | litres |     |      | 20 |  |  |  | 20   | 20   |
| 449  | Sequestrene NK 138 Fe 3+0+15                     | kg     | 1   | 20   |    |  |  |  | 21   | 21   |
| 463  | Solfato di potassio 0+0+52                       | kg     |     | 25   |    |  |  |  | 25   | 225  |
| 635  | Solfato di Rame 25% Cu (Manica)                  | kg     | 150 | 250  |    |  |  |  | 400  | 600  |
| 1148 | Tradeferro 2.5% Gr 3+0+15                        | kg     | 40  | 4    |    |  |  |  | 44   | 119  |
| 869  | Trafos K                                         | litres | 60  |      | 10 |  |  |  | 70   | 630  |
| 599  | Triabon                                          | kg     |     | 2000 |    |  |  |  | 2000 | 2000 |
| 1102 | Vitanica RZ 5+0+5                                | litres | 10  | 30   |    |  |  |  | 40   | 80   |

### ENVIRONMENTAL CLUSTERS

|               |                                     |    |        |        |        |        |        |        |  |
|---------------|-------------------------------------|----|--------|--------|--------|--------|--------|--------|--|
| Indoor crops  |                                     |    |        |        |        |        |        |        |  |
| 30            | NURSERY STOCK 1                     | m2 | 5407   | 5407   | 5407   | 5407   | 5407   | 5407   |  |
|               | Subtotal                            |    | 5407   | 5407   | 5407   | 5407   | 5407   | 5407   |  |
| Outdoor crops |                                     |    |        |        |        |        |        |        |  |
| 76            | Pot plants other outdoor            | m2 | 175872 | 175872 | 175872 | 175872 | 175872 | 175872 |  |
| 112           | NURSERY STOCK container growing 1   | m2 | 809306 | 809306 | 809306 | 809306 | 809306 | 809306 |  |
| 114           | Herbaceous perennials container     | m2 | 5000   | 5000   | 5000   | 5000   | 5000   | 5000   |  |
| 116           | NURS.ST. Forestry&Hedging           | m2 | 324890 | 324890 | 324890 | 324890 | 324890 | 324890 |  |
| 117           | NURSERY STOCK Avenue&Park           | m2 | 539836 | 539836 | 539836 | 539836 | 539836 | 539836 |  |
| 294           | VEGETABLES/FRUITS POTPLANTS outdoor | m2 | 39500  | 39500  | 39500  | 39500  | 39500  | 39500  |  |



## OVERVIEW RECORDED DATA (Continued)

MPS company number: **802529/01**  
 Company name: **Societa Agricola Giorgio Tesi Vivai S.S. (total)**

Valid: Period 1-2022 until Period 13-2022  
 Version: 28-1-2023

| Code | Description | Unit | Period<br>8 | Period<br>9 | Period<br>10 | Period<br>11 | Period<br>12 | Period<br>13 | Subtotal | Year total |
|------|-------------|------|-------------|-------------|--------------|--------------|--------------|--------------|----------|------------|
|------|-------------|------|-------------|-------------|--------------|--------------|--------------|--------------|----------|------------|

Outdoor crops

Subtotal

1894404

1894404

1894404

1894404

1894404

1894404

### GENERAL INFORMATION FORM

#### MPS-Mind

##### Surface water

3900 What is the minimum distance of this location to the nearest surface water?

< 250 metres / < 820 feet

##### Cover

3910 Does the surface of protected cultivation exceed 95% of this location?

no

3901 What is the percentage of protected cultivation for this location (protected surface/total recorded surface for location)?

0 - 25% covered crops

3909 When a plot used for outdoor crops is close to surface water, is the plot separated from the water by a wind-break or a crop free zone of at least three metres

yes

##### Slope

3902 What is the maximum slope of a plot on this location?

flat

##### Leaching to groundwater

3903 Do you grow more than 95% of your crops in a closed (recirculation) system, with less than 3% loss of drainwater?

Yes

#### MPS-OEX

##### CO2

3953 Do you apply CO2?

No

##### Substrate

3957 Do you cultivate cut flowers on substrate?

No

##### Diffuse light

3961 Do you have diffuse glass on your greenhouse?

No

3963 Do you have diffuse foil on your foil-greenhouse?

No

3965 Do you have diffuse screens on your greenhouse?

No

3967 Do you use a diffuse coating on your greenhouse?

Yes

3968 If yes, on what percentage of your greenhouse area?

100

##### Waste management

41 Do you process organic waste in a responsible way?

Yes

42 Do you process paper waste in a responsible way?

Yes

43 Do you process plastic waste in a responsible way?

Yes

# OVERVIEW RECORDED DATA

MPS company number: **802529/01**

Company name: Societa Agricola Giorgio Tesi Vivai S.S. (total)

Valid: Period 1-2022 until Period 13-2022

Version: 28-1-2023

| Code                          | Description          | Unit   | Period<br>1 | Period<br>2 | Period<br>3 | Period<br>4 | Period<br>5 | Period<br>6 | Period<br>7 | Subtotal |
|-------------------------------|----------------------|--------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|
| <b>FORM RECEIVED</b>          |                      |        | yes         | yes         | yes         | yes         | yes         | yes         | yes         |          |
| <b>CROP PROTECTION AGENTS</b> |                      |        |             |             |             |             |             |             |             |          |
| 3576                          | Affirm               | kg     |             |             |             | 40          | 30          | 37          |             | 107      |
| 5617                          | Airone Liquido       | litres | 20          | 23          |             |             |             |             |             | 43       |
| 5681                          | Asset Five           | litres |             |             | 5           | 5           | 5           | 1,5         |             | 16,5     |
| 4337                          | Basfoliar Kelp SL    | litres |             |             | 5           |             |             |             |             | 5        |
| 4085                          | Bioclean             | litres | 20          |             |             |             |             |             |             | 20       |
| 4565                          | Closer               | litres |             | 4           | 4           | 4           | 4           | 4           | 4           | 24       |
| 5730                          | Cober Plus           | litres |             | 20          | 20          | 20          | 20          | 20          | 20          | 120      |
| 4029                          | Costar WG            | kg     |             | 15          | 15          | 10          | 10          | 12          |             | 62       |
| 3960                          | Domark 125           | litres |             | 1           | 2           | 1           | 2           | 1           | 1           | 8        |
| 4167                          | Driscoll             | litres |             |             |             | 0,5         | 0,5         |             |             | 1        |
| 4360                          | Epik SL (vloeibaar)  | litres |             | 5           | 5           | 20          | 15          | 5           | 5           | 55       |
| 4434                          | Equiseto             | kg     | 5           | 5           | 5           | 5           | 20          | 15          | 5           | 60       |
| 3046                          | Forum 50 WP          | kg     |             |             |             |             |             |             |             |          |
| 3065                          | Gallery              | litres | 1           | 1           |             |             |             |             |             | 2        |
| 5766                          | Hanukys              | litres | 4           | 2           |             |             |             |             |             | 6        |
| 5542                          | Hereu SC             | litres | 4           | 4           | 4           | 4           | 5           | 4           | 4           | 29       |
| 5506                          | Hopper 480           | litres | 20          | 50          | 50          | 60          | 80          | 40          | 50          | 350      |
| 5638                          | Katoun Gold          | litres | 20          | 10          |             |             |             |             |             | 30       |
| 4409                          | Kelpak               | litres | 60          | 60          | 60          | 60          | 60          | 60          | 60          | 420      |
| 3526                          | King                 | litres |             | 1           | 1           |             |             |             |             | 2        |
| 4556                          | Kronos               | litres | 20          | 20          | 20          | 20          | 20          | 20          | 15          | 135      |
| 5682                          | Logrado 490          | litres |             |             | 20          | 20          | 20          | 20          |             | 80       |
| 6025                          | Nephorin Insetticida | litres | 0,038       | 0,038       | 0,038       | 0,038       | 0,038       | 0,038       | 0,038       | 0,266    |
| 5498                          | Pendiwin             | litres | 20          | 20          | 20          | 20          | 20          | 20          | 20          | 140      |
| 6041                          | Petalin              | litres |             |             |             |             |             |             |             |          |
| 3619                          | Player SC            | litres | 1           |             |             |             |             |             |             | 1        |
| 4403                          | Prev-AM Plus         | litres |             | 15          | 15          | 15          | 5           |             |             | 50       |
| 3557                          | Ready Germiplus      | kg     | 20          | 10          |             |             |             |             |             | 30       |
| 4172                          | Relief               | litres |             | 10          | 10          | 10          | 10          | 10          |             | 50       |
| 3239                          | Ridomil Gold SL      | litres | 0,5         | 0,5         | 0,5         | 0,5         | 0,5         | 0,5         | 0,5         | 3,5      |
| 3986                          | Roundup Platinum     | litres | 30          | 20          | 20          | 10          | 10          | 20          | 20          | 130      |
| 6042                          | Scirocco 125 EW      | litres |             |             |             |             |             |             |             |          |
| 4196                          | Scudo                | litres | 40          | 20          | 20          | 40          |             |             |             | 120      |
| 4455                          | Sharpen 40 SC        | litres | 30          | 20          | 10          | 20          | 30          | 20          | 10          | 140      |
| 3242                          | Signum               | kg     | 1           | 1           | 1           | 1           |             |             |             | 4        |
| 5653                          | Soptech              | litres |             |             | 15          | 15          | 20          | 25          | 11          | 86       |
| 3518                          | Stomp aqua           | litres | 1           | 1           | 1           |             |             |             |             | 3        |

## OVERVIEW RECORDED DATA (Continued)

MPS company number: **802529/01**  
 Company name: **Societa Agricola Giorgio Tesi Vivai S.S. (total)**

Valid: Period 1-2022 until Period 13-2022  
 Version: 28-1-2023

| Code | Description | Unit | Period<br>1 | Period<br>2 | Period<br>3 | Period<br>4 | Period<br>5 | Period<br>6 | Period<br>7 | Subtotal |
|------|-------------|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|
|------|-------------|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|

### CROP PROTECTION AGENTS (Continued)

|      |                 |        |     |     |     |    |    |     |    |      |
|------|-----------------|--------|-----|-----|-----|----|----|-----|----|------|
| 5687 | Sword Up        | litres | 1   | 1   | 1   | 1  | 1  | 1   |    | 6    |
| 3594 | Trebon Up       | litres | 2   | 2   | 1   | 1  | 1  | 1   | 2  | 10   |
| 4064 | Trustee 450     | litres | 10  | 20  | 10  | 10 | 20 | 30  | 20 | 120  |
| 5748 | Tutor 18-15     | kg     | 50  | 50  | 50  | 50 | 50 | 20  | 30 | 300  |
| 3661 | Underline 0.2 G | kg     | 2   | 1   | 3   | 3  | 3  | 2,5 |    | 14,5 |
| 6043 | Veget Crisil    | litres |     |     |     |    |    |     |    |      |
| 3321 | Zamir 18        | litres | 0,5 | 0,5 | 0,5 | 1  | 1  | 1   |    | 4,5  |
| 3999 | Zetaram plus    | litres | 15  | 5   | 5   | 7  |    |     |    | 32   |

### WATER

|    |                  |    |       |       |       |       |       |       |       |        |
|----|------------------|----|-------|-------|-------|-------|-------|-------|-------|--------|
| 21 | Total irrigation | m3 | 39200 | 39850 | 46250 | 52300 | 50800 | 53600 | 55700 | 337700 |
|----|------------------|----|-------|-------|-------|-------|-------|-------|-------|--------|

### ENERGY

|    |                           |        |       |       |       |       |       |       |       |        |
|----|---------------------------|--------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1  | Gas consumption           | m3     |       |       |       |       |       |       |       |        |
| 2  | Conversion factor         |        | 1     | 1     | 1     | 1     | 1     | 1     | 1     |        |
| 3  | Caloric value             |        | 1     | 1     | 1     | 1     | 1     | 1     | 1     |        |
| 4  | Electricity usage (Total) | kWh    | 80070 | 80070 | 80070 | 80070 | 80070 | 80070 | 80070 | 560490 |
| 54 | Diesel oil/fuel           | litres |       |       |       |       |       |       |       |        |
| 57 | Gas oil                   | litres |       | 900   |       |       |       |       |       | 900    |
| 6  | Green Electricity Usage   | kWh    | 30474 | 30474 | 30474 | 30474 | 30474 | 30474 | 30474 | 213318 |

### FERTILIZERS

|      |                                 |        |       |       |        |       |        |       |       |        |
|------|---------------------------------|--------|-------|-------|--------|-------|--------|-------|-------|--------|
| 1925 | Arakar                          | litres |       |       |        |       |        |       |       |        |
| 2418 | ArmoniKa 0+25+32                | litres |       |       |        |       |        |       |       |        |
| 2015 | Barrier Si-Ca                   | litres |       | 10    |        |       |        |       |       | 10     |
| 2397 | BioMax Magnum 22+0+0.3          | litres | 4,615 | 4,615 | 4,615  | 4,615 | 4,615  | 4,615 | 4,615 | 32,305 |
| 971  | BitterMag (16%MgO + 32%SO3)     | kg     |       |       |        |       | 150    | 75    | 25    | 250    |
| 489  | Chelene                         | kg     |       |       |        |       | 20     | 5     | 10    | 35     |
| 2285 | Dermacote Riconcimazione 15+5+5 | kg     |       |       |        | 6000  |        | 4500  | 10500 | 21000  |
| 2399 | D-Fens GR 0+31+52               | kg     | 1,385 | 1,385 | 1,385  | 1,385 | 1,385  | 1,385 | 1,385 | 9,695  |
| 1304 | Ferri+plus 32                   | kg     |       |       |        |       |        |       | 10    | 10     |
| 551  | Fertacid                        | litres |       |       | 24     |       |        |       |       | 24     |
| 1739 | Ferticus 18 pb                  | kg     |       |       | 23,333 |       | 46,667 |       |       | 70     |
| 1996 | Fertilextra 12+5+5              | kg     |       |       |        | 8000  | 13000  | 6000  | 6000  | 33000  |
| 1840 | Fertorganico 11+0+0             | kg     |       | 4500  | 3000   | 1500  |        |       |       | 9000   |
| 2398 | FGL Pro 350                     | litres | 1,538 | 1,538 | 1,538  | 1,538 | 1,538  | 1,538 | 1,538 | 10,766 |
| 1780 | Ficote Total 17+9+10 (+2MgO)+TE | kg     | 6284  | 7448  | 3980   | 5980  | 4468   | 3578  | 1090  | 32828  |

## OVERVIEW RECORDED DATA (Continued)

MPS company number: **802529/01**  
 Company name: **Societa Agricola Giorgio Tesi Vivai S.S. (total)**

Valid: Period 1-2022 until Period 13-2022  
 Version: 28-1-2023

| Code | Description | Unit | Period<br>1 | Period<br>2 | Period<br>3 | Period<br>4 | Period<br>5 | Period<br>6 | Period<br>7 | Subtotal |
|------|-------------|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|
|------|-------------|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|

### FERTILIZERS (Continued)

|      |                                                  |        |     |      |     |     |      |      |      |
|------|--------------------------------------------------|--------|-----|------|-----|-----|------|------|------|
| 2036 | Fosfato Biammonico (DAP) 18+46+0                 | kg     |     |      |     |     |      | 50   | 50   |
| 698  | Fosfato Monopotassico 52/34                      | kg     |     |      |     | 100 | 50   | 5    | 155  |
| 2368 | Maxi-Kare                                        | litres |     |      |     |     |      |      |      |
| 1149 | multi-Micro Comb                                 | kg     |     |      |     | 20  | 5    |      | 25   |
| 1631 | MYR Ferro                                        | litres |     |      | 5   |     |      | 5    | 10   |
| 2369 | Naturdai Mimetic                                 | litres |     |      |     |     |      |      |      |
| 1172 | Neutral 3+17+0                                   | litres |     | 10   | 12  |     |      | 10   | 32   |
| 461  | Nitrato ammonico (34.5% N)                       | kg     |     |      |     | 300 | 50   |      | 350  |
| 462  | Nitrato di potassio                              | kg     |     |      |     | 350 | 200  | 275  | 825  |
| 919  | NPK Original Gold 15+9+15<br>(+2MgO+20SO3)+0.3Fe | kg     |     |      |     | 250 | 100  |      | 350  |
| 387  | Osmocote Pro 18+9+10+2MgO+TE                     | kg     |     |      |     | 25  |      |      | 25   |
| 469  | Osmocote Topdress 19+6+10                        | kg     |     | 1425 |     |     |      |      | 1425 |
| 468  | Osmocote Topdress 22+5+6                         | kg     |     |      |     |     | 2625 | 5425 | 8050 |
| 2367 | Piper                                            | litres |     |      |     |     |      |      |      |
| 449  | Sequestrene NK 138 Fe 3+0+15                     | kg     |     |      |     |     |      |      |      |
| 463  | Solfato di potassio 0+0+52                       | kg     |     |      |     | 200 |      |      | 200  |
| 635  | Solfato di Rame 25% Cu (Manica)                  | kg     |     |      |     |     |      | 200  | 200  |
| 1148 | Tradeferro 2.5% Gr 3+0+15                        | kg     |     |      |     |     | 30   | 45   | 75   |
| 869  | Trafos K                                         | litres | 300 | 40   | 100 | 20  | 40   | 10   | 560  |
| 599  | Triabon                                          | kg     |     |      |     |     |      |      |      |
| 1102 | Vitanica RZ 5+0+5                                | litres |     |      |     |     | 30   | 10   | 40   |

### ENVIRONMENTAL CLUSTERS

|               |                                     |    |        |        |        |        |        |        |        |
|---------------|-------------------------------------|----|--------|--------|--------|--------|--------|--------|--------|
| Indoor crops  |                                     |    |        |        |        |        |        |        |        |
| 30            | NURSERY STOCK 1                     | m2 | 5407   | 5407   | 5407   | 5407   | 5407   | 5407   | 5407   |
|               | Subtotal                            |    | 5407   | 5407   | 5407   | 5407   | 5407   | 5407   | 5407   |
| Outdoor crops |                                     |    |        |        |        |        |        |        |        |
| 76            | Pot plants other outdoor            | m2 | 175872 | 175872 | 175872 | 175872 | 175872 | 175872 | 175872 |
| 112           | NURSERY STOCK container growing 1   | m2 | 809306 | 809306 | 809306 | 809306 | 809306 | 809306 | 809306 |
| 114           | Herbaceous perennials container     | m2 | 5000   | 5000   | 5000   | 5000   | 5000   | 5000   | 5000   |
| 116           | NURS.ST. Forestry&Hedging           | m2 | 324890 | 324890 | 324890 | 324890 | 324890 | 324890 | 324890 |
| 117           | NURSERY STOCK Avenue&Park           | m2 | 539836 | 539836 | 539836 | 539836 | 539836 | 539836 | 539836 |
| 294           | VEGETABLES/FRUITS POTPLANTS outdoor | m2 | 39500  | 39500  | 39500  | 39500  | 39500  | 39500  | 39500  |

OVERVIEW RECORDED DATA (Continued)

MPS company number: 802529/01  
Company name: Societa Agricola Giorgio Tesi Vivai S.S. (total)

Valid: Period 1-2022 until Period 13-2022  
Version: 28-1-2023

| Code          | Description | Unit | Period<br>1 | Period<br>2 | Period<br>3 | Period<br>4 | Period<br>5 | Period<br>6 | Period<br>7 | Subtotal |
|---------------|-------------|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|
| Outdoor crops |             |      |             |             |             |             |             |             |             |          |
| Subtotal      |             |      | 1894404     | 1894404     | 1894404     | 1894404     | 1894404     | 1894404     | 1894404     |          |

## CO2 Indicator

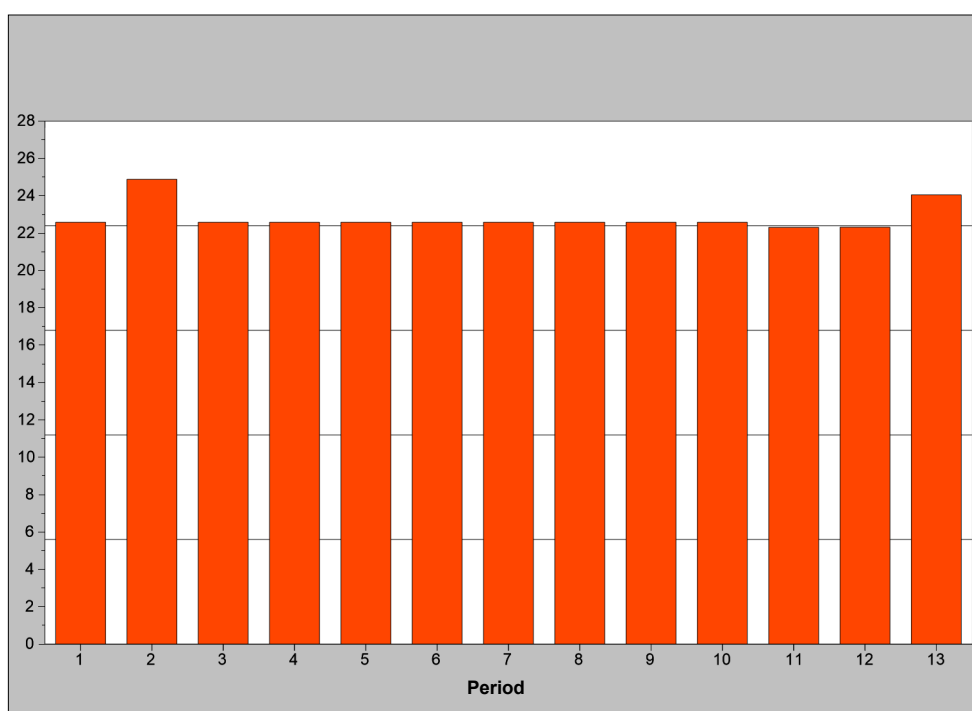
MPS company number: **802529/01**  
Company name: Societa Agricola Giorgio Tesi Vivai S.S.

Valid: Period 1-2022 until Period 13-2022  
Version: 28-1-2023

### Review CO2-emission per energy source per year (x 1000 kg)

| Code         |                           | CO2 production (x 1000) |
|--------------|---------------------------|-------------------------|
| 4            | Electricity usage (Total) | 477                     |
| 1            | Gas consumption           | 6                       |
| 57           | Gas oil                   | 2                       |
| 6            | Green Electricity Usage   | -189                    |
| <b>Total</b> |                           | <b>296</b>              |

### Review CO2-emission per period (x 1000 kg)



Disclaimer: the purpose of the above mentioned table and graphics is to give an insight in the CO2-emission on company level. The CO2 emission has been based on the energy consumption in GJ and the internationally accepted arithmetic rules. The calculation of the quantity in GJ is based on the calculation system of MPS for the fuel used by the company and the electricity and heating that has been bought and sold. The review serves only as a management tool. No rights can be derived. It is not allowed to use this review for other purposes. In cooperation with (inter)national stakeholders and research organizations MPS is working on further developments concerning CO2. We mainly focus on CO2 emission in the transport chain and the CO2 emission per physical production.