

**National protocol: NP/GAS/1**

|   |  |         |
|---|--|---------|
| Examination office  | Naktuinbouw  |         |
| Reference of the protocol   | NP/GAS/1   |         |
| Date of preparation of the protocol   | 01/12/2025   |         |
| Date of entry into force of the protocol  | 01/04/2026   |         |
| Botanical taxon:  | Gasteria Duval   |         |
| Common Name (when known):   | Gasteria   |         |
| Way of propagation of the plants to be examined   | Self or cross pollinated seed propagated <input type="checkbox"/><br>Vegetatively propagated <input checked="" type="checkbox"/>                               |         |
| Number of growing cycles:   | 1 <input checked="" type="checkbox"/><br>2 <input type="checkbox"/><br>Other <input type="checkbox"/> specify <a href="#">Click or tap here to enter text.</a> |         |
| List of grouping characteristics  | Yes <input type="checkbox"/> if yes put as annex<br>No <input checked="" type="checkbox"/>   |         |
| Minimum number of plants in trial   | Vegetative:10  | Seed: - |
| Minimum number of plants observed by measuring or counting:   | Vegetative:1   | Seed: - |
| Give description of when observations should take place   | see: EXPLANATIONS ON THE TABLE OF CHARACTERISTICS  |         |
| <p>Uniformity:</p> <ul style="list-style-type: none"> <li>- For the assessment of uniformity of vegetatively propagated, self-pollinated seed propagated varieties or F1-hybrids, a population standard of 1% and an acceptance probability of at least 95% should be applied. In the case of a sample size of 10 plants, 1 off-type is allowed.</li> </ul> |  |         |
| Table of characteristics  | Present <input checked="" type="checkbox"/><br>Not available <input type="checkbox"/>  |         |
| Literature (when present, please annex to this document)  | Present <input checked="" type="checkbox"/><br>Absent <input type="checkbox"/>   |         |

**TABLE OF CHARACTERISTICS:**

| <b>N°</b> | <b>Stage, Method</b> | <b>Characteristics</b>    | <b>Examples</b>  | <b>Note</b> |
|-----------|----------------------|---------------------------|------------------|-------------|
| <b>1.</b> | <b>MS/VG</b>         | <b>Plant height</b>       |                  |             |
| <b>QN</b> | <b>(a)</b>           | very short                |                  | 1           |
|           |                      | short                     | WT04             | 2           |
|           |                      | medium                    | D Due            | 3           |
|           |                      | tall                      | Royal Wolfgang   | 4           |
|           |                      | very tall                 | Green Star       | 5           |
| <b>2.</b> | <b>MS/VG</b>         | <b>Plant: diameter</b>    |                  |             |
| <b>QN</b> | <b>(a)</b>           | very small                |                  | 1           |
|           |                      | small                     | WT04             | 2           |
|           |                      | medium                    |                  | 3           |
|           |                      | large                     | Green Star       | 4           |
|           |                      | very large                |                  | 5           |
| <b>3.</b> | <b>VG</b>            | <b>Leaf: attitude</b>     |                  |             |
| <b>QN</b> | <b>(a)</b>           | erect                     | GAS2             | 1           |
|           |                      | semi-erect                | Anihaw1811       | 2           |
|           |                      | horizontal                | WT04             | 3           |
|           |                      | moderately downwards      |                  | 4           |
|           |                      | drooping                  |                  | 5           |
| <b>4.</b> | <b>MS/VG</b>         | <b>Leaf blade: length</b> |                  |             |
| <b>QN</b> | <b>(a)</b>           | very short                |                  | 1           |
|           |                      | short                     | WT04             | 2           |
|           |                      | medium                    | Anihaw1811       | 3           |
|           |                      | long                      | Royal Wolfgang   | 4           |
|           |                      | very long                 | Green Star       | 5           |
| <b>5.</b> | <b>MS/VG</b>         | <b>Leaf blade: width</b>  |                  |             |
| <b>QN</b> | <b>(a)</b>           | very narrow               |                  | 1           |
|           |                      | narrow                    | Zimflora         | 2           |
|           |                      | medium                    | WT04 & Amiga2402 | 3           |
|           |                      | broad                     | Anihaw1811       | 4           |
|           |                      | very broad                |                  | 5           |

| N°         | Stage, Method | Characteristics   | Examples       | Note |
|------------|---------------|---|----------------|------|
| <b>6.</b>  | <b>VG</b>     | <b>Leaf blade: ratio length/width</b>   |                |      |
| <b>QN</b>  | <b>(a)</b>    | low   | Amiga2402      | 1    |
|            |               | medium  | Anihaw1811     | 2    |
|            |               | high  |                | 3    |
| <b>7</b>   | <b>MS/VG</b>  | <b>Leaf blade: thickness</b>  |                |      |
| <b>QN</b>  | <b>(a)</b>    | very thin   |                | 1    |
|            |               | thin  | GAS2           | 2    |
|            |               | medium  | WT04           | 3    |
|            |               | thick   | Anihaw1811     | 4    |
|            |               | very thick  | Royal Wolfgang | 5    |
| <b>8.</b>  | <b>VG</b>     | <b>Leaf blade: main color of upper side</b>   |                |      |
| <b>PQ</b>  | <b>(a)</b>    | RHS Colour Chart (indicate reference number)  |                |      |
| <b>9.</b>  | <b>VG</b>     | <b>Leaf blade: main color of lower side, where markedly different to upper side</b> |                |      |
| <b>PQ</b>  | <b>(a)</b>    | RHS Colour Chart (indicate reference number)  |                |      |
| <b>10.</b> | <b>VG</b>     | <b>Leaf blade: shape in cross section</b>   |                |      |
| <b>PQ</b>  | <b>(a)</b>    | concave   | Amiga2402      | 1    |
|            |               | flat  | Anihaw1811     | 2    |
|            |               | convex  |                | 3    |
| <b>11.</b> | <b>VG</b>     | <b>Leaf blade: shape of apex</b>  |                |      |
| <b>PQ</b>  | <b>(a)</b>    | acuminate   | Amiga2402      | 1    |
|            |               | acute   | Anihaw1811     | 2    |
|            |               | rounded   |                | 3    |
| <b>12.</b> | <b>VG</b>     | <b>Leaf blade: warts</b>  |                |      |
| <b>QL</b>  | <b>(a)</b>    | absent  |                | 1    |
|            |               | present   | Amiga2402      | 9    |
| <b>13.</b> | <b>VG</b>     | <b>Leaf blade: number of warts</b>  |                |      |
| <b>QN</b>  | <b>(a)</b>    | very few  |                | 1    |
|            |               | few   | Amiga2402      | 2    |
|            |               | medium  | Royal Wolfgang | 3    |
|            |               | many  | Green Star     | 4    |
|            |               | very many   |                | 5    |

| N°         | Stage, Method | Characteristics                             | Examples       | Note |
|------------|---------------|---|----------------|------|
| <b>14.</b> | <b>VG</b>     | <b>Leaf blade: color of warts</b>           |                |      |
| <b>PQ</b>  | <b>(a)</b>    | whitish                                     | Amiga2402      | 1    |
|            |               | yellowish                                   | D Due          | 2    |
|            |               | greenish                                    | Zimflora       | 3    |
| <b>15.</b> | <b>VG</b>     | <b>Leaf blade: marginal teeth</b>           |                |      |
| <b>QL</b>  | <b>(a)</b>    | absent                                      | Green Star     | 1    |
|            |               | present                                     | Zimflora       | 9    |
| <b>16.</b> | <b>VG</b>     | <b>Leaf blade: number of marginal teeth</b> |                |      |
| <b>QN</b>  | <b>(a)</b>    | very few                                    |                | 1    |
|            |               | few   | Amiga2402      | 2    |
|            |               | medium                                      | Zimflora       | 3    |
|            |               | many  | Royal Wolfgang | 4    |
|            |               | very many                                   |                | 5    |
| <b>17.</b> | <b>QN</b>     | <b>Leaf blade: color of marginal teeth</b>  |                |      |
|            | <b>(a)</b>    | whitish                                     | Amiga2402      | 1    |
|            |               | yellowish                                   | D Due          | 2    |
|            |               | greenish                                    | D Tiga         | 3    |

#### EXPLANATIONS ON THE TABLE OF CHARACTERISTICS:

##### Explanations covering several characteristics

(a) Observations should be made during the vegetative stage

**LITERATURE:**

The Cambridge Illustrated Glossary of Botanical Terms: by Michael Hickey and Clive King

Name that flower: by Ian Clarke and Heleen Lee

Botanisch woordenboek: by Henk Eggelte

Hortica: Color cyclopedia of Garden flora in all climates and Plants Indoor: by A.B. Graf

Dictionary of Gardening: Royal Horticultural Society