# Report of investigation



Phalaenopsis Floricultura: 8090-02

Test number: 597 Grower: Floricultura

Administration number: 065889 Variety: Phalaenopsis 353843

Product code: 112897

Description: 8090 Phalaenopsis veredelaars, bij 50% uitbloei

Start date: 10-01-2023

### **Method of investigation**

We submitted the investigated flowers to a sales simulation, according to the conditions mentioned in the appendix. In the consumer phase we evaluated the stems three times a week. The evaluation criteria are based on the evaluation card for the specific product (<a href="www.vbn.nl">www.vbn.nl</a>). When the ornamental value is insufficient we consider vase life as ended. With these data the average vase life has been calculated. The average vase life expresses the number of days that the flowers have good ornamental value for the consumer. So transport and store phase are excluded.

## **Results**

Number of stems/vase: 0 Number of vases: 3

Land of origin: Netherlands

Average longevity	140.0
Total number of rejected stems on foliage	0
Standard deviation	0.0
Percentage reached at day 56	100 %
Main rejection criteria	end of flowering
number of rejected buds	0.0
number of buds	0.0
number of stems	2.0
Root decay	0.0
Ornamental value foliage	4.0
number of good Flowers	19.3
number of flowers that have ended flowering	0.0

Rejection criteria	Number
end of flowering	1

Plants are rejected at X number of good flower and buds:

plant 1: 10 plant 2: 12 plant 3: 16

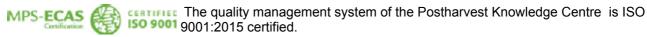
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Date: 15-09-2023



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597. Consumer simulation day number 0



597. Consumer simulation day number 35



597. Consumer simulation day number 70

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597. Consumer simulation day number 77



597. Consumer simulation day number 84



597. Consumer simulation day number 91

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597. Consumer simulation day number 98



597. Consumer simulation day number 105



597. Consumer simulation day number 112

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597. Consumer simulation day number 119



597. Consumer simulation day number 126



597. Consumer simulation day number 133

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597. Consumer simulation day number 140

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# **Appendix**

## **Conditions Transport simulation**

Duration (days) 7

Packaging tray, sleeve Temperature  $15^{\circ}\text{C} \pm 1^{\circ}\text{C}$  Relative humidity  $75 \pm 10\%$  Light level 0 lux Light colour n.a

Air refreshment every 2 hours
Air speed < 0,5 m/s
Ethylene concentration < 0,1 ppm
Water supply none

#### **Conditions Store simulation**

Duration (days) 6

 $\begin{array}{ll} \text{Packaging} & \text{tray, sleeve} \\ \text{Temperature} & 20^{\circ}\text{C} \pm 1^{\circ}\text{C} \\ \text{Relative humidity} & 60 \pm 10\% \\ \text{Light level} & \pm 1000 \text{ lux} \\ \text{Light colour} & 840 \\ \end{array}$ 

Air refreshment every 2 hours
Air speed < 0,5 m/s
Ethylene concentration < 0,1 ppm
Water supply if necessary

#### **Conditions Consumer simulation**

Duration (days) 140 Packaging -

Temperature  $20^{\circ}\text{C} \pm 1^{\circ}\text{C}$ Relative humidity  $60 \pm 10\%$ Light level  $\pm 1000 \text{ lux}$ 

Light colour 840

Air refreshment every 2 hours
Air speed < 0,5 m/s
Ethylene concentration < 0,1 ppm
Water supply if needed

### Key to symbols

Kind of observation: Ornamental value foliage

5 excellent, product without defects, 0% affected

good, product with minor quality critism 0-5% affected
 satisfactory, product is still suitable for sale, 5-15% affected

2 moderate, product is not suitable for sale, 15-25% affected

1 poor, product which a consumer will discard, >25% affected

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