# Report of investigation



Phalaenopsis Floricultura: 8090-02

Test number: 415 Grower: Floricultura

Administration number: 065889 Variety: Phalaenopsis 1002113

Product code: 112897

Description: 8090 Phalaenopsis veredelaars, bij 50% uitbloei

Start date: 11-01-2021

### **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	126.0
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	2.3
Black heart	0.0
Ornamental value foliage	4.0
number of good Flowers	13.3
number of flowers that have ended flowering	0.0

Rejection criteria	Number
end of flowering	1

Planten worden afgeschreven bij x aantal bloemen en knoppen:

plant 1:9 plant 2: 11 plant 3: 10

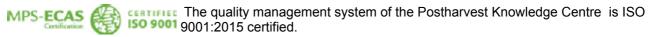
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Date: 31-07-2023



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415. Consumer simulation day number 0



415. Consumer simulation day number 35



415. Consumer simulation day number 70

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415. Consumer simulation day number 77



415. Consumer simulation day number 84



415. Consumer simulation day number 91

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415. Consumer simulation day number 98



415. Consumer simulation day number 112



415. Consumer simulation day number 119

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415. Consumer simulation day number 126



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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)

Packagingtray, sleeveTemperature $20^{\circ}\text{C} \pm 1^{\circ}\text{C}$ Relative humidity $60 \pm 10\%$ Light level $\pm 1000 \text{ lux}$ Light colour840

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) 126 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

4 good, product with minor quality critism 0-5% affected

satisfactory, product is still suitable for sale, 5-15% affected
 moderate, product is not suitable for sale, 15-25% affected

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

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