Report of investigation



Phalaenopsis Floricultura: 8090-02

Test number: 642 Grower: Floricultura

Administration number: 065889 Variety: Phalaenopsis 1001568

Product code: 112897

Description: 8090 Phalaenopsis veredelaars, bij 50% uitbloei

Start date: 23-01-2023

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 (www.vbn.nl). 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	105.0
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	0.3
number of stems	2.0
Root decay	1.0
Ornamental value foliage	4.3
number of good Flowers	9.7
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: 8 plant 2: 10 plant 3: 8

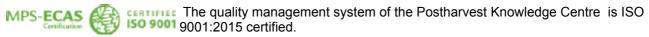
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Date: 31-07-2023



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642. Consumer simulation day number 0



642. Consumer simulation day number 35



642. Consumer simulation day number 70

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642. Consumer simulation day number 77



642. Consumer simulation day number 84



642. Consumer simulation day number 91

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642. Consumer simulation day number 98



642. Consumer simulation day number 105

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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)

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

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) 84 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

excellent, product without defects, 0% affected
 good, product with minor quality critism 0-5% affected

3 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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