Report of investigation



Phalaenopsis Floricultura: 8090-02

Test number: 598 Grower: Floricultura

Administration number: 065889 Variety: Phalaenopsis 334058

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 (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	189.0
Total number of rejected stems on foliage	0
Standard deviation	0.0
Percentage reached at day 56	100 %
Main rejection criteria	animal parasites
number of rejected buds	0.7
number of buds	0.0
number of stems	3.3
Root decay	0.0
Ornamental value foliage	4.3
number of good Flowers	20.0
number of flowers that have ended flowering	0.0

Rejection criteria	Number
animal parasites	1

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

plant 1: 19 plant 2: 19 plant 3: 20

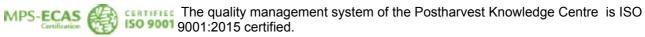
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project number 598 Pagina 1 van 10

Date: 15-09-2023



project number 598 Pagina 2 van 10



598. Consumer simulation day number 0



598. Consumer simulation day number 35



598. Consumer simulation day number 70

project number 598 Pagina 3 van 10



598. Consumer simulation day number 77



598. Consumer simulation day number 84



598. Consumer simulation day number 91

project number 598 Pagina 4 van 10



598. Consumer simulation day number 98



598. Consumer simulation day number 105



598. Consumer simulation day number 112

project number 598 Pagina 5 van 10



598. Consumer simulation day number 119



598. Consumer simulation day number 126



598. Consumer simulation day number 133

project number 598 Pagina 6 van 10



598. Consumer simulation day number 140



598. Consumer simulation day number 147



598. Consumer simulation day number 154

project number 598 Pagina 7 van 10



598. Consumer simulation day number 161



598. Consumer simulation day number 168



598. Consumer simulation day number 175

project number 598 Pagina 8 van 10



598. Consumer simulation day number 182



598. Consumer simulation day number 189



598. Consumer simulation day number 189

project number 598 Pagina 9 van 10

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

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) 189 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
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

project number 598 Pagina 10 van 10