# **Report of investigation**



Phalaenopsis Floricultura: 8090-02 Test number: 577 Grower: Floricultura Administration number: 065889 Variety: Phalaenopsis 334023 Product code: 112897

Description: 8090 Phalaenopsis veredelaars, bij 50% uitbloei

Start date: 9-01-2023

#### 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.

#### <u>Results</u>

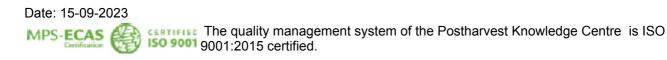
Number of stems/vase:	0
Number of vases:	3
Land of origin:	Netherlands

Average longevity	154.0
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	2.0
number of buds	0.3
number of stems	2.0
Root decay	1.0
Ornamental value foliage	4.0
number of good Flowers	14.0
number of flowers that have ended flowering	g 0.3

<b>Rejection criteria</b>	Number
end of flowering	1

Plants are rejected at X number of good flower and buds: plant 1: 17 plant 2: 15 plant 3: 14

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577. Consumer simulation day number 0



577. Consumer simulation day number 35



577. Consumer simulation day number 70



577. Consumer simulation day number 77



577. Consumer simulation day number 84



577. Consumer simulation day number 91



577. Consumer simulation day number 98



577. Consumer simulation day number 105



577. Consumer simulation day number 112



577. Consumer simulation day number 119



577. Consumer simulation day number 126



577. Consumer simulation day number 133



577. Consumer simulation day number 140



577. Consumer simulation day number 147



577. Consumer simulation day number 154

# Appendix

## **Conditions Transport simulation**

Water supply none	Duration (days) Packaging Temperature Relative humidity Light level Light colour Air refreshment Air speed	7 tray, sleeve $15^{\circ}C \pm 1^{\circ}C$ 75 ± 10% 0 lux n.a every 2 hours < 0,5 m/s
Water supply none	Ethylene concentration	< 0,5 m/s
	Water supply	none

#### **Conditions Store simulation**

Duration (days)	7
Packaging	tray, sleeve
Temperature	20°C ± 1°C
Relative humidity	60 ± 10%
Light level	± 1000 lux
Light colour	840
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)	154
Packaging	-
Temperature	20°C ± 1°C
Relative humidity	60 ± 10%
Light level	± 1000 lux
Light colour	840
Air refreshment	every 2 hours
Air speed	< 0,5 m/s
Ethylene concentration	i < 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