

# **Dianthus Pink Kisses<sup>®</sup> and Oscar<sup>®</sup>**

## **Week 10 - Standard cultivation Pink Kisses<sup>®</sup>**

### **POTTING AND SPACING**

Pot size: 10.5cm

60 –70 pots/m<sup>2</sup>

### **COMPOST**

Inclusion of 10% clay and 10% perlite in the substrate is beneficial

### **FEEDING**

4 weeks after potting it is recommended to fertilise with 0.1– 0.2% multi-nutrient fertilizer containing a high K

### **TEMPERATURE**

1st –4th week: heating (average day temperature): 18°C day and night, ventilation temperature: 20 – 22°C  
From 5th week: heating (average night temperature): 14°C day and night, ventilation temperature: 16 –18 °C

When the shoots have reached a length of 4cm, a dawn temperature drop can be applied instead of PGR's. Lower the temperature to 4°C from 4am for 6 hours. A 'Dawn Drop' regime increases compact growth and helps to produce plenty of shoots.

### **WATER**

Cultivate on the dry side and avoid allowing the plants to sit in water

### **LIGHT**

These plants need plenty of light. Supplementary lighting to extend the day length for 2-3 weeks is recommended from the middle of February for early flowering. Use assimilation light (for photosynthesis) at 3–4000 lux.

### **PINCHING**

After 10 –14 days when the plants are tall enough, they can be pinched to 5 to 6 pairs of leaves

### **GROWTH REGULATORS**

Some varieties do not need any treatment. If needed, give a light application when the shoots reach 2cm.

### **P&D CONTROL**

Common Pests & Diseases to protect for: Rust, Alternaria, Thrip, Red Spider Mite and Aphid

### **FLOWERING TIME**

Pot week 10 for flowering week 22, following the above programme

Ball Colegrave cultural information is issued as a guide to growers, based on our own trials experience. It is not intended as a blueprint for growing. Any chemicals referred to should be used only in accordance with the manufacturer's instructions.

## *Culture Information*

### **Week 38 to 42 - cultivation at low temperature – Pink Kisses® and Oscar®**

#### **POTTING AND SPACING**

Pot size: 10.5cm  
60 –70 pots/m<sup>2</sup>

#### **COMPOST**

Inclusion of 10% clay and 10% perlite in the substrate is beneficial

#### **FEEDING**

4 weeks after potting it is recommended to fertilise with 0.1– 0.2% multi-nutrient fertilizer containing a high K

#### **TEMPERATURE**

1st –4th week: heating 18°C, ventilation at 20 – 22°C

From 5th week: heating 14°C, ventilation at 16 –18 °C

After the 8<sup>th</sup> week gradually lower the temperature to 4 – 6 °C (cooling phase) and hold this for the next 8 weeks. Always keep the ventilation difference always 2– 4 °C higher than the heating temperature.

After the 16<sup>th</sup> week raise the temperature back to 14°C, ventilation at 16 –18 °C, until sale. At the beginning of the growing/flowering phase (after the cooling phase), a dawn temperature drop can be applied instead of PGR's. Lower the temperature to 4°C from 4am for 6 hours. A 'Dawn Drop' regime increases compact growth and helps to produce plenty of shoots.

#### **WATER**

Cultivate on the dry side and avoid allowing the plants to sit in water

#### **LIGHT**

These plants need plenty of light. Use supplementary lighting from the middle of February for early flowering.

#### **PINCHING**

After 2 weeks pinch the plants down to 3 to 5 pairs of leaves

#### **GROWTH REGULATORS**

Some varieties do not need any treatment. If needed, give a light application when the shoots reach 2cm.

#### **P&D CONTROL**

Common Pests & Diseases to protect for: Rust, Alternaria, Thrip, Red Spider Mite and Aphid

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## *Culture Information*

### FLOWERING TIME

Pot week 42 for flowering approx. week 14, follow the above programme.

#### Example low temp programme:

<b>Week</b>	<b>42</b>	<b>44</b>	<b>47-52</b>	<b>1-8</b>	<b>9-15</b>	<b>15</b>
<b>Temp</b>	18°C	18°C	14°C	4-6°C	14°C	14°C
<b>Action</b>	Pot	Pinch		Cool	Warm with a 'Dawn Drop'	Flower

#### A guide for potting to flowering growing under different regimes:

	<b>Oscar®</b>		<b>Pink Kisses®</b>	
<b>Pot Week</b>	<b>Flower Week</b>		<b>Flower Week</b>	
	<b>4-9°C</b>	<b>No Heat</b>	<b>Indoor</b>	<b>Outdoor</b>
10	21/22	21/22	22	
15	25/26	25/26	24	25
26	36	36	35/36	33
38	13/14	15/16		
42	18	18/19	17	21

For a week 42 potting, plants grown at 11° - 12°C will provide a flowering plant 2-3 weeks earlier.

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