

ANNUAL  
PROPAGATION

# DAHLIA TEMPTATION

*Dahlia x hybrida*



## TRAY & ROOTING

Form	<b>Vegetative Cutting (URC)</b>
Rooting Hormone?	<b>No</b>
Tray Size	<b>50, 72, 84</b>
Plants Per Cell	<b>1</b>
Days In Mist	<b>5-10</b>
Wks. From Stick To Transplant	<b>3-4</b>
Propagation Pinch?	<b>Yes</b>
Weeks To Pinch	<b>3</b>

## FERTILITY

Fertilize Through Mist?	<b>50-75ppm N</b>
Fertilizer Rate	<b>100-150ppm N</b>
EC Range	<b>Moderate: (2.0-3.5 mS via SME)</b>
pH Range	<b>5.6-6.2</b>

## TEMPERATURE

Average Soil Temp	<b>70-75°F (21-24°C)</b>
Average Air Temp (Day)	<b>70-75°F (21-24°C)</b>
Average Air Temp(Night)	<b>65-68°F (18-20°C)</b>

## IRRIGATION

Irrigation Frequency	<b>Level 4: Keep media moderately moist at all times</b>
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## LIGHT

Daylength Neutral?	<b>No</b>
Supplemental	<b>14 hour days</b>
Benefits From Shade?	<b>No</b>

## POTENTIAL DISEASES

Rhizoctonia, mildew

## POTENTIAL PESTS

Thrips, Fungus Gnats, Aphids

## PGR SUGGESTIONS

- 1,500-2500ppm B-Nine (85% Daminozide) spray
- 300-500ppm Florel (3.9% Ethephon)

## CULTIVAR LIST

Golden, Lavender, Pink Bicolor, Red, Orange 2024, Purple, Red Velvet



## TIPS

- Stick deeply up to the first set of leaves to allow stem roots to form.
- An optimal growing mix should be well drained with sufficient moisture retention to prevent daily wilting.
- Dahlias, in general, should be kept evenly moist avoiding dramatic wet-dry cycles

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ANNUAL  
FINISHING

# DAHLIA TEMPTATION

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CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
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**Quart (12 cm)**                      **1**                      **7-10**

**8 in. (19 cm)**                      **1-3**                      **7-10**

## FERTILITY

Fertilizer Rate                      **150-200 ppm N**

EC Range                              **High: (3.5-5 mS via SME)**

pH Range                              **5.6-6.2**

## TEMPERATURE

Day Temperature                      **65-73°F (18-23°C)**

Night Temperature                      **68-75°F (20-24°C)**

## IRRIGATION

Irrigation Frequency                      **Level 3: Keep media moderately moist with mild dry cycles**

## LIGHT

Daylength Neutral?                      **No**

Optimum Light Level                      **4,500-9,000 (48,400-96,900 lux)**

Supplemental                              **14 hour days**

Benefits From Shade?                      **No**

## PINCHING

Finishing Pinch?                              **Yes**

Transplant to Pinch (days)                      **10-14**

## POTENTIAL DISEASES

Rhizoctonia, mildew

## POTENTIAL PESTS

Thrips, Fungus Gnats, Aphids

## PGR SUGGESTIONS

- 2,500ppm B-Nine (85% Daminozide) spray
- 0.5ppm Bonzi (0.4% Paclobutrazol)



'Red'

## TIPS

- A complete blend 17-5-17 fertilizer is the best for a balanced well-shaped finished product.
- Dahlias are very responsive to PGRs; use the least harsh chemical treatment in your greenhouse to avoid stunting plants.
- Plants must be grown under long days with a minimum daylength of 14 hours but no more than 16 hours of sunlight a day. More than 16 hours daily will promote vegetative growth and delay flowering. Nighttime interruptions are not recommended as a substitute.
- 'Temptation' Dahlias can be pinched about 2 weeks after transplant when roots have established and top growth is obvious. Removing 1-2 nodes helps to improve branching and increase the number of blooms, but may delay flowering. Earlier pinching will reduce crop time.

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## FEATURES AND BENEFITS

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### KEY INFORMATION

Primary Common Name	<b>Dahlia</b>
Consumer Watering Instructions	<b>Water thoroughly when top 1 inch (3cm) of soil is dry.</b>
Bloom Time	<b>Blooms Spring to Autumn</b>
Exposure	<b>Full Sun to Part Shade</b>
Height	<b>12-24 inches (30-61 cm)</b>
Garden Spacing	<b>10-12 inches (25-30 cm)</b>

### DESCRIPTION

A gardener classic incorporating compact genetics and bombastic blooms.

### CONSUMER APPEAL

- The very charismatic and photogenic flowers make dahlias one of the strongest impulse buys at retail.
- The visually striking “pom-pom” shaped flowers make great cut flowers.

### GARDEN ATTRIBUTES

- Good in containers located in high-traffic areas where onlookers can appreciate the showy flowers.
- These well-rounded plants maintain uniform growth and resist lodging with their strong stems.
- Plants are very easy to grow and tubers may be dug for winter storage at the end of the growing season.

### NATIVITY

Of hybrid origin: parental lineages native to Mexico.



‘Golden’



‘Pink Bicolor’

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