

ANNUAL
PROPAGATION
DAHLIA STARSISTER

Dahlia x hybrida



TRAY & ROOTING

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

FERTILITY

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

TEMPERATURE

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

IRRIGATION

Irrigation Frequency	Level 4: Keep media moderately moist at all times
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LIGHT

Daylength Neutral?	No
Supplemental	14 hour days
Benefits From Shade?	No

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)



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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FINISHING

DAHLIA STARSISTER

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CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
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Quart (12 cm) **1** **7-9**

6 in. (15 cm) and up **1-2** **7-9**

8 in. (19 cm) and up **1-3** **7-9**

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)



'Scarlet and Yellow'

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 to daylight extension.
- Plants in 4-4.5" (10-12cm) pots generally don't require pinching. In 5" (13cm) and larger containers, pinch plants leaving two nodes 10-14 days after potting liners. Liners can be pinched at transplant if liners are not hardened

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FEATURES AND BENEFITS

DAHLIA STARSISTER

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KEY INFORMATION

Primary Common Name	Dahlia
Consumer Watering Instructions	Water thoroughly when top 1 inch (3cm) of soil is dry.
Bloom Time	Blooms Spring to Autumn
Exposure	Full Sun to Part Shade
Height	12-24 inches (30-61 cm)
Garden Spacing	15 inches (38 cm)

DESCRIPTION

A gardener classic incorporating compact genetics and bombastic blooms.



'Red and White'

CONSUMER APPEAL

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

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