

PERENNIAL

PROPAGATION

Scabiosa 'Butterfly Blue'

Scabiosa columbaria



TRAY & ROOTING

Form	Unrooted Cuttings (URC)
Rooting Hormone	Yes
Tray Size	72, 105
Plants Per Cell	1
Days In Mist	5-7
Wks. From Stick To Transplant	6-8
Pinch?	No
Days from stick to pinch	N/A

FERTILITY

Fertilize Through Mist?	No
Fertilizer Rate	50-75 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])
EC Range	2.0-3.5 mS via SME
pH Range	5.8-6.2

TEMPERATURE

Average Soil Temperature	65-72°F (18-22°C)
Average Air Temperature	65-72°F (18-22°C)

IRRIGATION

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

Supplemental	Optional
Benefits From Shade?	No

POTENTIAL DISEASES

Bacterial Leaf Spot, Botrytis, Root and Stem Rot

POTENTIAL PESTS

Aphids, White Fly

PGR SUGGESTIONS

- Optional 300-500 ppm Florel (3.9% Ethephon)
- Optional 2-3 ppm Sumagic (0.055% Uniconazole)

TIPS

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Tech.NA@DummenOrange.com

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FINISHING

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VERNALIZATION

Vernalization Required? **Beneficial**

Vernalization Duration Minimum **6-8 weeks**

Vernalization Temperature **35-40°F (1.6-4.4°C)**

CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
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4 in./Qt. (10-12 cm)	1	6-8
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6 in./Gal. (15-16 cm)	1	8-10
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8-10 in./2-3 Gal. (20-25 cm)	3	10-12
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FERTILITY

Fertilizer Rate **150-200 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])**

EC Range **2.0-3.5 mS via SME**

pH Range **5.8-6.2**

TEMPERATURE

Day Temperature **65-75°F (18-24°C)**

Night Temperature **55-65°F (13-18°C)**

IRRIGATION

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

LIGHT

Photoperiodic requirements **Long Day Facultative: 12+ Hours Daily**

Supplemental? **None**

Benefits From Shade? **No**

PINCHING

Finishing Pinch? **Yes**

Transplant to pinch (days) **14-21**

POTENTIAL DISEASES

Bacterial Leaf Spot, Botrytis, Root and Stem Rot

POTENTIAL PESTS

Aphids, White Fly

PGR SUGGESTIONS

- 2000-3000 ppm B-Nine (85% Daminozide)
- 5-10 ppm Sumagic (0.055% Uniconazole)



TIPS

- Remove the first flush of pre-flowering buds to encourage a higher final flower count.
- Scabiosa produced outdoors is generally of better quality than greenhouse grown.

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FEATURES AND BENEFITS

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KEY INFORMATION

First Year Flowering?	Yes
Bloom Time	Late Spring to Summer
Exposure	Full Sun
Hardiness Zone	5-9
Height	8-12 inches (20-30 cm)
Width	12-16 inches (30-41cm)

Tufted flowering lollipops raised above finely textured foliage make this a good addition to retail shops and gardens

CONSUMER APPEAL

- Hummingbirds and butterflies love Scabiosa! Deer generally avoid this plant.

GARDEN ATTRIBUTES

- Scabiosa makes an adorable additions to cut flower arrangements.
- Good in cottage gardens, rock gardens, meadow gardens, borders or as a container component.
- Scabiosa can handle nutrient poor soils; site in sandy or otherwise well-drained soils. Drought tolerant once established.

NATIVITY

Europe, Africa, and Asia; particularly around the Mediterranean Sea.

COMPANION PLANTS

Penstemon, Coreopsis, Lavandula, Dianthus, Gaillardia, Nepeta, Salvia, Stachys

COMMON NAME(S)

Pincushion Flower, Sweet Scabious, Mourningbride



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