

PERENNIAL

## PROPAGATION

# *Scabiosa Open Cultivar(s)*

*Scabiosa columbaria*



### TRAY & ROOTING

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

### FERTILITY

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

### TEMPERATURE

Average Soil Temperature **18-22°C**

Average Air Temperature **18-22°C**

### IRRIGATION

|                      |                                                                  |
|----------------------|------------------------------------------------------------------|
| Irrigation Frequency | <b>Level 3: Keep media moderately moist with mild dry cycles</b> |
|----------------------|------------------------------------------------------------------|

### LIGHT

|                      |                 |
|----------------------|-----------------|
| Supplemental         | <b>Optional</b> |
| Benefits From Shade? | <b>No</b>       |

### POTENTIAL DISEASES

Botrytis, root and stem rot, bacterial leaf spot

### POTENTIAL PESTS

whitefly, aphids

### PGR SUGGESTIONS

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

### CULTIVAR LIST

Pink Mist



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FINISHING

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### VERNALIZATION

Vernalization Required? **No**

Vernalization Duration  
Minimum **N/A**

Vernalization Temperature **N/A**

| CONTAINER SIZE | PLANTS<br>PER POT | TRANSPLANT TO<br>FINISH (WEEKS) |
|----------------|-------------------|---------------------------------|
|----------------|-------------------|---------------------------------|

|                 |          |            |
|-----------------|----------|------------|
| <b>10-12 cm</b> | <b>1</b> | <b>5-7</b> |
|-----------------|----------|------------|

|                 |            |             |
|-----------------|------------|-------------|
| <b>15-16 cm</b> | <b>1-2</b> | <b>8-10</b> |
|-----------------|------------|-------------|

|              |          |              |
|--------------|----------|--------------|
| <b>22 cm</b> | <b>3</b> | <b>10-12</b> |
|--------------|----------|--------------|

### FERTILITY

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

EC Range **Moderate: (2.0-3.5 mS via SME)**

pH Range **5.8-6.2**

### TEMPERATURE

Day Temperature **18-24°C**

Night Temperature **13-18°C**

### IRRIGATION

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

### LIGHT

Photoperiodic  
requirements **Daylength Neutral**

Supplemental? **None**

Benefits From Shade? **No**

### PINCHING

Finishing Pinch? **Yes**

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

### POTENTIAL DISEASES

Botrytis, root and stem rot, bacterial leaf spot

### POTENTIAL PESTS

whitefly, aphids

### PGR SUGGESTIONS

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



### 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 if grown in a greenhouse.

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## FEATURES AND BENEFITS

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Scabiosa columbaria



### KEY INFORMATION

|                       |                                  |
|-----------------------|----------------------------------|
| First Year Flowering? | <b>Yes</b>                       |
| Bloom Time            | <b>Late Spring to Mid Summer</b> |
| Exposure              | <b>Full Sun</b>                  |
| Hardiness Zone        | <b>4-8</b>                       |
| Height                | <b>30-41 cm</b>                  |
| Width                 | <b>30 cm</b>                     |

### DESCRIPTION

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

### 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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