

PERENNIAL

PROPAGATION

Eupatorium 'Baby Joe'

Eupatorium dubium



TRAY & ROOTING

Form	Unrooted Cuttings (URC)
Rooting Hormone	Yes
Tray Size(s)	72, 105
Plants Per Cell	1
Wks. From Stick To Transplant	4-6
Pinch?	Yes
Days from stick to pinch	21-25

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	Moderate: (2.0-3.5 mS via SME)
pH Range	5.4-6.0

TEMPERATURE

Average Soil Temperature	72-78°F (22-26°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

Botrytis, downy mildew, powdery mildew

POTENTIAL PESTS

spider mites, aphids, whitefly

PGR SUGGESTIONS

- Optional 300-500 ppm Florel (3.9% Ethephon)
- Optional 1500-2500 B-Nine (85% Daminozide)

CULTIVAR LIST

Baby Joe®



TIPS

- A preventative fungicide root application is recommended.

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FINISHING

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VERNALIZATION

Vernalization Required?	Yes
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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6 in./Gal. (15-16 cm)	1	8-10
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8-10 in. (19-22 cm)	2-3	10-12
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FERTILITY

Fertilizer Rate	100-150 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])
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EC Range	Moderate: (2.0-3.5 mS via SME)
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pH Range	5.8-6.2
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TEMPERATURE

Day Temperature	65-75°F (18-24°C)
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Night Temperature	55-65°F (13-18°C)
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IRRIGATION

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

Photoperiodic requirements	Long day: 12+ hours daily
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Supplemental?	None
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Benefits From Shade?	No
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PINCHING

Finishing Pinch?	Yes
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Transplant to pinch (days)	14-21
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POTENTIAL DISEASES

Botrytis, downy mildew, powdery mildew

POTENTIAL PESTS

spider mites, aphids, whitefly

PGR SUGGESTIONS

- Bonzi (0.4% Paclobutrazol) 5-40ppm spray'
- 5-8 ppm Sumagic (0.055% Uniconazole)



TIPS

- The richest foliage color is achieved under full sun growing conditions.
- Dry moderately between waterings to limit stretch and tone plant.

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FEATURES AND BENEFITS

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KEY INFORMATION

First Year Flowering?	No
Bloom Time	Summer to Early Autumn
Exposure	Full Sun
Hardiness Zone	5-9
Height	36-42 inches (90-107 cm)
Width	24-36 inches (60cm-90 cm)

DESCRIPTION

'Chocolate' remains one of the most popular Joe-pye weed available on the market. With its crisp white blooms atop rich cocoa foliage, it's easy to see why. This species was reclassified as *Ageratina altissima* but is still commonly known as *Eupatorium rugosum*.

CONSUMER APPEAL

- With its voluptuous display of puffy white blooms, 'Chocolate' attracts butterflies, bees, and other beneficial insects.
- This perennial is relatively tolerant of deer.

GARDEN ATTRIBUTES

- The foofy white flowers can make a nice addition to a cut flower arrangement. Although subtle, the blooms have a mildly pleasant fragrance about them.
- Versatile in sun or part shade locations including (but not limited to) cottage gardens, woodland gardens, borders, naturalized areas, native gardens, and/or pollinator gardens.
- This perennial is a very versatile addition to most gardens. It can thrive in both moist rich soils and dry rocky soils. Once established, this perennial is very drought tolerant.
- Although very shade tolerant, 'Chocolate' has the richest, darkest foliage color when grown in full sun.

NATIVITY

Found in Eastern and Central North America.

COMPANION PLANTS

Gaura, *Geranium*, *Leucanthemum*, *Gaura*, *Lysimachia*, *Euphorbia*, *Stachys*, *Artemisia*, *Glechoma*, *Houttuynia*, *Ceratostigma*

COMMON NAME(S)

Joe-Pye weed, snakeroot, boneset, thoroughworts



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