

PERENNIAL

PROPAGATION

Agastache 'Black Adder'

Agastache rugosa



TRAY & ROOTING

Form	Unrooted Cuttings (URC)
Rooting Hormone	Beneficial
Tray Size(s)	72, 105
Plants Per Cell	1
Days In Mist	5-7
Wks. From Stick To Transplant	4-5
Pinch?	Yes
Days from stick to pinch	17-21

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	0.8-2.0 mS via SME
pH Range	6.0-6.4

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- do not over mist
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LIGHT

Supplemental	No
Benefits From Shade?	No

POTENTIAL DISEASES

Botrytis, Downy Mildew

POTENTIAL PESTS

Aphids, Thrips, White Fly

PGR SUGGESTIONS

- None



TIPS

- As with all vegetative cuttings, sticking upon arrival is ideal. If this isn't possible, store in a cooler at 45°F (7°C) for no more than 16 hours after delivery.
- An IBA rooting hormone at 400-600ppm can be applied as a powder or dip for swift, uniform rooting.
- Reduce mist as soon as cuttings become turgid. Avoid over misting and over watering.

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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 PER POT	TRANSPLANT TO FINISH (WEEKS)
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6 in./Gal. (15-16 cm)	1	6-8
8-10 in./2-3 Gal. (20-25 cm)	3	9-12

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	75-80°F (24-27°C)
Night Temperature	65-75°F (18-24°C)

IRRIGATION

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

Photoperiodic requirements	Long Day Obligate: 12+ Hours Daily
Supplemental?	None
Benefits From Shade?	No

PINCHING

Finishing Pinch?	Yes
Transplant to pinch (days)	?

POTENTIAL DISEASES

Botrytis, Downy Mildew

POTENTIAL PESTS

Aphids, Thrips, White Fly

PGR SUGGESTIONS

- 1-4 ppm Bonzi (0.4% Paclobutrazol) drench as needed

TIPS

- Provide as much light as possible for proper plant habit and bloom set.
- Agastache appreciates warm temperatures and high light conditions.

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FEATURES AND BENEFITS

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KEY INFORMATION

First Year Flowering? **Yes**

Bloom Time

Summer

Exposure

Full Sun

Hardiness Zone

6-9

Height

24-32 inches (61-81 cm)

Width

12-16 inches (31-61 cm)

DESCRIPTION

Agastache is a great all-season crop that performs extremely well in hot areas. It will flower from summer into fall featuring new vivid colors.

CONSUMER APPEAL

- The slender tube-like blooms help to attract all sorts of pollinators including butterflies and hummingbirds.
- Minty licorice aromatic foliage is a delightful bonus feature that makes this plant deer resistant and a multisensory experience.

GARDEN ATTRIBUTES

- Agastache works well along sunny borders, cottage gardens, pollinator gardens, and in herb/sensory gardens. The aromatic foliage and tendency to attract butterflies make this plant a great choice for alongside patios or other high-traffic areas.
- Deadheading spent flower spikes will help promote reblooming.
- Tolerant of many soil conditions ranging from medium to moist though well-drained is preferred. These plants can be relatively drought resistant once established after several years. Poorly drained or heavy clay soils may prevent this perennial from overwintering due to root rot issues.

NATIVITY

The majority of Agastache are native to North America though several are native to East Asia.

COMPANION PLANTS

Campanula, Buddleia, Leucanthemum, Phlox, Houttuynia, Geranium

COMMON NAME(S)

hyssop, hummingbird mint

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