

ANNUAL PROPAGATION **BEGONIA MOVE 2**

Begonia x hiemalis (x elatior)



TRAY & ROOTING

Form	Vegetative Cutting (URC)
Rooting Hormone?	No
Tray Size	50, 72, 84, 105
Plants Per Cell	1
Days In Mist	7-10
Wks. From Stick To Transplant	5
Propagation Pinch?	Yes
Weeks To Pinch	4

FERTILITY

Fertilize Through Mist?	None
Fertilizer Rate	50-100ppm N
EC Range	Low: (0.8-2.0 mS via SME)
pH Range	5.6-6.2

TEMPERATURE

Average Soil Temp	68-72°F (20-22°C)
Average Air Temp (Day)	70-75°F (21-24°C)
Average Air Temp(Night)	68-72°F (20-22°C)

IRRIGATION

Irrigation Frequency	Level 2: Allow media to dry moderately between thorough waterings
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LIGHT

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

POTENTIAL DISEASES

Pythium, Rhizoctonia, Powdery Mildew

POTENTIAL PESTS

Fungus Gnats, Mites, Shore Flies

PGR SUGGESTIONS

- Cycocel (11.8% Chlormequat) 750-1500ppm as needed



TIPS

- Soft pinch, roll the tip out. Avoid hard pinch.
- Use care when sticking to not cover the apical growing point of the cutting by arranging the large leaves in one direction.
- Apply only enough mist to keep the cuttings turgid. Mist may be required both day and night for the first 10-14 days. Once cuttings begin to root, mist should be reduced and completely off by around day 20.
- Between September 21 and March 21, cuttings must receive long photo periods during propagation to prevent premature flowering. Mum lighting from 10pm to 2am or HID supplemental light from sundown to 2 am can be used to provide long days.
- Provide 16hr long days for the first 7 days after unrooted cuttings are stuck.

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FINISHING

BEGONIA MOVE 2

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CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
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4 in. (10 cm)	1	6-9
6 in. (15 cm)	2-3	9-12
8 in. (19 cm)	4	10-14

FERTILITY

Fertilizer Rate	100-150 ppm N
EC Range	Low: (0.8-2.0 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
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LIGHT

Daylength Neutral?	No
Optimum Light Level	3,000-7,000 fc (32,300-75,300 lux)
Supplemental	Night interruption
Benefits From Shade?	Yes

PINCHING

Finishing Pinch?	Yes
Transplant to Pinch (days)	7-14

POTENTIAL DISEASES

Pythium, Rhizoctonia, Powdery Mildew

POTENTIAL PESTS

Fungus Gnats, Mites, Shore Flies

PGR SUGGESTIONS

- Cycocel (11.8% Chlormequat) at 750ppm spray as needed
- Bonzi (0.4% Paclobutrazol) drenches 0.1-0.25ppm volume calculated drench if needed to hold.



'Joy Hot Pink'

TIPS

- Grow plants under long days to build the chassis. Light levels should not exceed 4000 fc (43,100 lux). A steady environment with little fluctuation in temperature and moisture is important during vegetative growth. Buds that develop during this phase should be removed manually to promote vegetative growth. The plant should be 2/3 the desired finish size before initiating flower.
- Avoid high-phosphorus fertilizers.
- Soft pinch at transplant.

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FEATURES AND BENEFITS

BEGONIA MOVE 2

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KEY INFORMATION

Primary Common Name **Begonia**

Consumer Watering Instructions **Keep soil evenly moist, but not saturated.**

Bloom Time **Blooms Spring to Summer**

Exposure **Full Sun to Part Shade**

Height **8-12 inches (20-30 cm)**

Garden Spacing **15-18 inches (38-46 cm)**

DESCRIPTION

- Better branching, faster response and improved flower quality over other Begonia x hiemalis. Fully decorative flower that sits atop the shiny foliage.
- Passion Red is slightly more compact than the others.



‘Orange’

CONSUMER APPEAL

- Boasts a good plant habit, shiny fully decorative flower.
- Resistant to rabbits.
- Large double flowers stand out at retail and with the consumer.

GARDEN ATTRIBUTES

- Ideal for patio containers, but can perform well in some landscapes as well.
- Prefers moist, well drained soils.
- Trailing/mounded habit excellent for containers, baskets or landscape planting.



‘Joy Salmon’

NATIVITY

Of hybrid origin: parental lineages native to South and Central America, Asia, and Africa.

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