PERENNIAL PROPAGATION Buddleia Open Cultivar(s)



Buddleia davidii

TRAY & ROOTING

Form	Unrooted Cuttings (URC)
Rooting Hormone	Yes
Tray Size(s)	50,105
Plants Per Cell	1
Wks. From Stick To Transplant	4-5
Pinch?	Yes
Days from stick to pinch	14-21

FERTILITY

Fertilize Through Mist?	No
Fertilizer Rate	100-150 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)
pHRange	5.8-6.2
TEMPERATURE	

Average Soil Temperature 18-22°C

Average Air Temperature 18-22°C

IRRIGATION

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

No

No

LIG

Supplemental

Benefits From Shade?

POTENTIAL DISEASES

Botrytis, downy mildew

POTENTIAL PESTS

aphids, whitefly

PGR SUGGESTIONS

• Optional 300-500 ppm Florel (3.9% Ethephon)

• Optional 3-5 pppm Sumagic (0.055% Uniconazole)

CULTIVAR LIST

) Black Knight, Royal Red



'Royal Red'

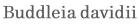
TIPS

• Cuttings are sensitive to drying out; tip burn is a tell-tale sign of this issue.

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PERENNIAL **FINISHING** Buddleia Open Cultivar(s)



VERNALIZATION		
Vernalization Required?	No	
Vernalization Duration Minimum	N/A	
Vernalization Temperature	N/A	
CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
16 cm	1	10-12
22 cm	2	10-12
30 cm	3	10-12
FERTILITY		
Fertilizer Rate	150-200 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])	
EC Range	High: (3.5-5 mS via SME)	
pH Range	5.8-6.4	
TEMPERATURE		
Day Temperature	18-24°C	
Night Temperature	13-18°C	
IRRIGATION		
Irrigation Frequency	Level 4: Keep media moderately moist at all times	
LIGHT		
Photoperiodic requirements	Long day: 1	2+ hours daily
Supplemental?	Daylength Extension	
Benefits From Shade?	No	
PINCHING		
Finishing Pinch?	Optional	
Transplant to pinch (days)	14-21	
POTENTIAL DISEASES		
Botrytis, downy mildew		
POTENTIAL PESTS		
aphids, whitefly		
PGR SUGGESTIONS		



- 5-8 ppm Sumagic (0.055% Uniconazole)
- 2500 ppm B-Nine (85% Daminozide) as needed





'Royal Red'

TIPS

- Final pinch 4 weeks after transplanting. Heavy PGR applications are required.
- Full sun (preferably outdoor production) and drip irrigation is the best system for finishing.
- The large and heavy root system requires additional irrigation. Make sure Buddleia is not allowed to dry-out completely.
- Avoid fertilizing during winter months when the plant isn't actively growing. This will cause a buildup of soluble salts in the media and increase risk of root burn.

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FEATURES AND BENEFITS Buddleia Open Cultivar(s)



Buddleia davidii

KEY INFORMATION

First Year Flowering?	Yes
Bloom Time	Early Summer to Late Summer
Exposure	Full Sun
Hardiness Zone	5-12
Height	122-152 cm
Width	152 cm
DESCRIPTION	

Buddleia has regained popularity with new very compact breeding and bright colors. The classic Buddleia architecture is still widely appreciated for its quick and dramatic impact in the landscape.

CONSUMER APPEAL

• As the common name implies, Buddleia are the ultimate butterfly attractors but they also support bee species and hummingbirds as well. Due to its shrubby nature, Butterfly Bush is generally avoided by deer and rabbits.

GARDEN ATTRIBUTES

- This collection of Buddleia davidii is vigorous with a broad arching habit giving it exceptional impact in the landscape.
- Although unusual and somewhat unorthodox, Buddleia blooms have a wholesome "fresh-baked-bread" fragrance to their flowers.
- Remarkably drought tolerant once established, these subshrubs aren't picky when it comes to soil conditions; happy with dry or moist. If planting in clay soil, amend the soil first with compost or other organic matter to improve the drainage.
- In northern climates, Buddleia is classified as a "sub-shrub" meaning that it dies back to the ground during the winter and reestablishes itself from the root system the following year. To ensure a good growing habit, remove the previous year's woody stem

NATIVITY

COMPANION PLANTS

Ceratostigma, Glechoma, Lamium, Lamiastrum, Mazus, Verbena, Vinca, Lysimachia, Lithodora, Iberis, Hypericum, Hedera, Geranium

COMMON NAME(S)

butterfly bush, summer lilac



'Black Knight'

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