

GrowerFacts

Kabloom™ Calibrachoa

Calibrachoa x hybrida

Seed Form and Sowing Recommendations:

Pelleted Seed, 1 Seed per Cell

Stage	Plugs Stage 1	Plugs Stage 2	Plugs Stage 3	Plugs Stage 4	Transplant to Finish	Comments
Plug Stage and Time	Germination to Radicle Emergence, 5-7 Days*	Radicle Emergence to Cotyledon Expansion	Cotyledon Expansion to True Leaves	Pullable Plug		
Photo						
Media Moisture	Level 5, saturated	Level 4	Cycle between levels 2 and 4	Cycle between levels 2 and 4		Do not allow to wilt
Temperature	73°F (22.5°C) media temperature	68°F (20°C)	64°F (18°C)	55-64°F (13-18°C); no less than 55°F (13°C)		Morning DIP/Drop of -5°F (-21°C) for height control
Light Requirements	Light or dark, cover not required	≥10 moles·m ⁻² ·d ⁻¹	≥10 moles·m ⁻² ·d ⁻¹	≥10 moles·m ⁻² ·d ⁻¹	≥10 moles·m ⁻² ·d ⁻¹	
pH and EC Management	Similar to Petunia	Similar to Petunia	Similar to Petunia	Similar to Petunia	Similar to vegetative Calibrachoa or Petunia	The recommended pH is 5.5-5.8. Kabloom can be grown with the same nutrition program as vegetative calibrachoa.
Plant Growth Regulators		Flurprimidol (Topflor): 2-3 ppm spray on day 7-10 Daminozide*: 2,500 ppm spray on day 7-10 Paclobutrazol*: 3 ppm spray on day 7-10	Every 10-14 days as needed	Every 10-14 days as needed	Paclobutrazol* 1-3 ppm drench 7-10 days from transplant; reapply as needed	Pinch or shear if pullable plugs are stretched*, overgrown or spindly
Disease and Pest Management	Similar to vegetative Calibrachoa	Similar to vegetative Calibrachoa	Similar to vegetative Calibrachoa	Similar to vegetative Calibrachoa	Similar to vegetative Calibrachoa	

Crop Times				
Plug Crop Time		Finished Crop Time from Non-Pinched Plugs*		
Plug Tray Size	Crop Time in Weeks, from Sow to Pullable	Container Size/PPP	Crop Time in Weeks from 288 Plug to 100% Flowering	Total Crop Time in weeks from Sowing to 100% Flowering
288	5-6	4 to 6-in. (10 to 15-cm) pots and quarts/1 PPP	7-8	12-13
128	7-8	10-in. (25-cm) basket/3 PPP	9-11	14-15
105	7-8	12-in. (30-cm) basket/5 PPP	9-11	14-15
72	7-8			

Minimum Day Length Requirement*

In Hours	Variety
10	Kabloom Yellow, Kabloom White
10.5	Kabloom Red
11	Kabloom Deep Blue
12	Kabloom Deep Pink

Variety List

Kabloom White 'PAS1020307' PPAF; EU PBRAF; CA PBRAF; JP PBRAF
 Kabloom Yellow 'PAS1020308' PPAF; EU PBRAF; CA PBRAF; JP PBRAF
 Kabloom Red 'PAS1020342' PPAF; EU PBRAF; CA PBRAF; JP PBRAF
 Kabloom Deep Blue 'PAS1020344' PPAF; EU PBRAF; CA PBRAF; JP PBRAF
 Kabloom Deep Pink

*See other pages for additional information

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Germination Specifics

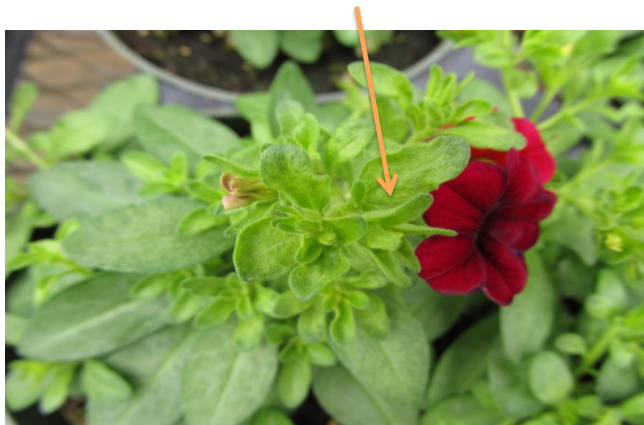
Plug Stage and Time By Variety	
Fast-Germinating Varieties	Slow-Germinating Varieties
Kabloom White	Kabloom Deep Blue
Kabloom Deep Pink	Kabloom Red
Kabloom Yellow	
Stage 1 at 75°F (25°C) for 5 days	Stage 1 at 75°F (25°C) for 7-10 days
Stage 1 at 68°F (20°C) for 5-7 days	Stage 1 at 68°F (20°C) for 10+ days

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Daminozide Use Details

Daminozide is a good option for plug production. Note: Daminozide can cause chlorotic stippling on Kabloom Red and to a lesser degree on Kabloom Yellow. The following photos demonstrate the chlorotic stipple appearance. No stippling with Paclobutrazol or Flurprimodol.

Kabloom Red



Kabloom Yellow



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Paclobutrazol Use Details

Paclobutrazol in plug production offers good control. Note: Kabloom White is more receptive to Paclobutrazol and may slow grow-out rate.

Paclobutrazol in finished production provides good height control for the Kabloom varieties.
In finished production, Kabloom White is more receptive and sensitive to Paclobutrazol.
Too-heavy or too-frequent applications may result in a too-compact or stunted plant.

Daminozide-treated plugs (left) compared with Paclobutrazol-treated plugs (right), post-transplant:



Comparison of different control obtained with Paclobutrazol on Kabloom White and Yellow.



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Plug PGR and Pinch Information

It is possible to manage plugs for improved bulk and stacked internodes.
Manage with PGR applications and pinching.

PGRs

Stretched, long internodes and strong apical dominance:



Without PGR

Dense, bulky and stacked internodes via PGR use:



With PGR

Stretched, long internodes and strong apical dominance:



Without PGR

Dense, bulky and stacked internodes via PGR use:



With PGR

Pinching

Recommendations:
Pinch at transplant: Soft pinch, leaving 4 basal nodes.
Pinching can be beneficial for small pot production.
Pinch can delay flowering.
Delay depends on timing and extent of pinch.



Pinched

Kabloom Yellow

Unpinched



Pinched

Kabloom Yellow

Unpinched

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Kabloom Calibrachoa Variety Timing and Habit Details

Variety	Earliness to Saleable	Photoperiod	Finished Plant Vigor	Habit
Kabloom White	earlier	10 hours	less vigor	mounded
Kabloom Yellow	earlier	10 hours	more vigor	upright
Kabloom Red	average	10.5 hours	average	spreading
Kabloom Deep Blue	average	11 hours	average	semi upright
Kabloom Deep Pink	later	12 hours	average	spreading

For more information contact your PanAmerican Seed sales representative or PanAmerican Seed at 800 231-7065.
This information is also available online at panamseed.com

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