

## Spreading Begonia Hula™ Series – Best Practices for Highest Germination

Expanded culture for Spreading Begonia Hula can be found at [www.panamseed.com](http://www.panamseed.com)

- Stage 1 Light: Spreading Begonia Hula varieties require light for germination – do not cover seed.
- Stage 1 Temperature: Higher temperatures, up to 77°F/25°C, improve germination and uniformity.
- Stage 1 Moisture Management: minimum is Level 5 (saturation).
- Stage 1 Duration: Depending on temperature, germination begins on day 5-7 and can continue through day 8-14.
  
- Stage 2 Temperature: Higher temperatures, up to 75°F/24°C, improve germination and uniformity.
- Stage 2 Moisture Management: Level 5 is optimal, minimum is Level 4. Keep soil uniformly moist until the first true leaf develops and expands.

## Plug Production

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	Stage 1	Stage 2	Stage 3	Stage 4
<b>Moisture</b>	Level 5	Level 4-5	Level 3-4	Level 3
<b>Temperature</b>	72-77°F (22-25°C)	72-75°F (22-24°C)	72-75°F (22-24°C)	65-67°F (18-19°C)
<b>Light</b>	Light	1,000-2,500 f.c. (10,800-26,900 Lux)	1,000-2,500 f.c. (10,800-26,900 Lux)	2,500-5,000 f.c. (26,900-53,800 Lux)
<b>Fertilizer</b>		Less than 100 ppm N (Less than 0.7 EC)	100 to 175 ppm N (0.7 to 1.2 EC)	100 to 175 ppm N (0.7 to 1.2 EC)