

*A true-blue performer!*

*Ageratum houstonianum BLUE HAWAII 5.0*



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- Leader in the Ageratum class; sets the industry's standard
- Most uniform and compact variety on the market
- High seed quality (usable plants > 90 %)
- Excellent performer in packs, pots and garden



# BLUE HAWAII 5.0

## Technical Information

**Uses:** Annual

Landscape/bedding plants, mixed containers and large containers

**Exposure:** Full sun - partial shade

**Garden height:** 6" (15 cm)

**Crop time:** Plug crop: 4-5 weeks;  
Flowering pots: 11-13 weeks

**Seed form:** Pelleted Seed

**Sowing method:** 1-2 pellets per cell

### Germination:

*Stage I:* 3-5 days at 72-75 °F (22-24 °C)

*Stage II:* 5-7 days at 72-75 °F (22-24 °C)

*Stage III-IV:* 64-68 °F (18-20 °C)

Requires light for germination. Do not cover the seed. If germinating in a chamber provide a light source of 10 – 100 foot candles (100 – 1,000 lux).

**Sowing media:** In media with very low soluble salt levels and pH 5.5-5.8. Keep soil slightly moist but not wet.

**Plug culture:** From Stage II reduce the moisture, but the plug should not dry out. Do not let soluble salt level rise above 0,75 EC. Start fertilization at 50-75 ppm nitrogen in a well balanced formula. During Stage III and Stage IV fertilization levels can be increased up to 100-150 ppm.

**Growing on:** 4-5 weeks after sowing, transplant 1 plant into a pack or pot 3-4" (8-9 cm).

**Media:** Use a well-drained, growing substrate with 20-30 % clay, 1-1,5 kg/m<sup>3</sup> complete balanced fertilizer, 0-2 kg/m<sup>3</sup> slow release fertilizer (3-6 months), iron-chelate, micronutrients, pH 5.5-5.8

**Moisture:** Begin with a saturated media from day 1-5 or until radicle emergence. Then reduce the moisture level to a wet. Thereafter alternate between a wet and a moist until day 15 when moisture levels can be reduced further between irrigations.

**Temperature:** Grow at 61-68 °F (16-20 °C). Temperatures below 61 °F (16 °C) delay flowering and below 50 °F (10 °C) cause chlorosis. Ageratum does not tolerate frost.

**Fertilization:** Moderate fertilization levels are required. Fertilize the crop weekly with 100 -150 ppm nitrogen (at 2 kg/m<sup>3</sup> slow release fertilizer in substrate), using a complete balanced fertilizer. Avoid high ammonium and high nitrogen levels. Avoid pH above 6.0, as high pH causes iron deficiency. Apply chelated iron, if chlorosis becomes a problem. To prevent magnesium deficiency apply magnesium sulphate (0,025 %) 1-2 times.

**Cultural hints:** Drought stress causes leaf burn. Remove dead flowers.

Advice:  
The cultural recommendations are based on results from trials conducted under Central European conditions. Different conditions in other parts of the world may lead to deviations in results achieved.



### Crop time

Plug crop	4-5 weeks (288 tray)
Transplant to finish	Packs: 6-7 weeks (from 288 tray) 4" (10 cm) pots: 7-8 weeks (from 288 tray)
Total crop time	11-13 weeks

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