

## Ageratum houstonianum F1 Aloha

<b>Life cycle</b>	Annual
<b>Family / Origin</b>	Compositae / Mexico, Central America
<b>Popular uses</b>	Outdoor containers, pot and pack, suitable for borders and beds
<b>Mature plant height</b>	15-20 cm (6-8")
<b>Mature plant width</b>	15-20 cm (6-8")
<b>Pot size:</b>	Packs, 10-15 cm (4-6") to 20 cm (8") pots
<b>Plants per pot</b>	1 plant per 10 cm (4") 3 plants per 15 cm (6") or larger pots
<b>Sun exposure</b>	Full sun or partial shades
<b>Water requirements</b>	Reduced
<b>Flowering time</b>	Entire growing season
<b>Media</b>	Media with good aeration, drainage and water holding capacity Medium that will dry regularly between waterings pH 5.5-5.8 EC 1.0-1.5 (150-225 ppm N)
<b>Growing temperature</b>	Temperature for active growth 15°C (59°F) at night 16-18°C (61-64°F) at day time
<b>Light</b>	Optimum light level is 19.000-23.000 lux (1.700-2.140 fc) >14 hours will promote early flowering
<b>Fertilizer needs</b>	Balanced N:P:K fertiliser as needed EC1.5-1.8 (225-275 ppm N) Avoid high ammonium and high nitrogen levels (causes iron deficiency) Apply chelated iron if chlorosis becomes a problem
<b>Crop time</b>	10-13 weeks



### Description

Early flowering, vigorous and suited for mass-market programs

### Growth regulators

Ageratum responds to: Daminozide (Dazide, B-nine), Chlormequat (Cycocel)

### Common Diseases

Botrytis blight, Rhizoctonia, Rust, Pythium, Fusarium, Powdery Mildew

### Common Pests

Spider Mites, Thrips, Aphids and Whitefly

### Pinching

No need

### Hardiness zone

N/A

## Plug Production

<b>Seed forms</b>	Raw and Pelleted
<b>Seed count</b>	7.400 seeds/gram (210.000 seeds/oz); varies by lot!
<b>Recommended plug size</b>	480-288
<b>Seeds cell</b>	1
<b>Vermiculite cover</b>	Do not cover seeds: need light for uniform germination
<b>Stage 1 Germination</b>	Growing medium temperature: 20-22°C (68-72°F) Radicle emergence will occur in 7-10 days. Keep media wet
<b>Stage 2 Stem and cotyledon</b>	Keep growing medium moist Growing medium temperature up to 18°C (64°F) Reduce moisture levels to obtain optimum root penetration and to prevent fungal diseases Prevent wet foliage after nightfall Fertilizers: EC 0.5-1.0 (75-150 ppm N)
<b>Stage 3 Growth and development</b>	Temperature: days 18°C (64°F) Fertilization: EC.1.2-1.5 (180-225 ppm N) Allow to dry slightly between watering without wilting Water early in the morning to allow foliage to dry before nightfall
<b>Stage 4 Ready for transplanting</b>	Temperature can be dropped to 16-18°C (61-64°F) Lower temperatures and wet conditions may result in poor growth and leaf chlorosis Allow media to dry between watering but avoid wilting Fertilizers: EC 0.7-1.2 (105-180 ppm N)
<b>Plug crop time</b>	5-6 weeks
<b>Approximate finish time</b>	5-7 weeks
<b>Special tips</b>	Allow to dry slightly between watering without wilting Water early in the morning to allow foliage to dry before nightfall