

Ageratum houstonianum Kona blue F1



Life cycle	Annual
Family/origin	Compositae/Mexico, Central America
Popular uses	Outdoor containers, pot and pack, suitable for borders and beds
Mature plant height	12-15 cm (5-6")
Mature plant width	22-25 cm (9-10")
Pot size	Packs 10-15 cm (4") to 20 cm (8")
Plants per pot	1 per 10 cm (4") 3 per 15 cm (6") or larger
Sun exposure	Full sun or partial shades
Water requirements	Reduced
Flowering time	Entire growing season
Media	Media with good aeration, drainage and water-holding capacity Medium that will dry regularly between watering's pH of 5,5 to 5,8 and EC 1-1,5 (150-225 ppm N) is optimum
Growing temperature	Temperature for active growth 15°C (58°F) at night, 16-18°C (60-64°F) at day time
Light	Optimum light level is 18.000-22.000 lux (1800-2200 fc) >14 hrs will promote early flowering
Fertilizer needs	Balanced N:P:K fertiliser as needed EC 1,5-2,0 (225-300 ppm N) Avoid high ammonium and high nitrogen levels, causes iron deficiency. Apply chelated iron if chlorosis becomes a problem
Crop time	10-15 weeks
Hardiness zone	N/A



Kona blue

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

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Plug Production



Seed forms	Raw and pelleted
Seed count	7,500 sds/gr (210,000 sds/oz) <i>Varies by lot!</i>
Recommended plug size	480-288
Seeds cell	1
Vermiculite cover	Do not cover seeds: need light for uniform germination
Stage 1 Germination	Temperature: 20-22°C (68-72°F) growing medium temperature Radicle emergence will occur in 7-10 days Keep media wet Soil: EC 0,5-0,7 (75-100 ppm N)
Stage 2 Stem and cotyledon	Keep media moist, temperature can to 18°C (64°F) growing medium temperature. Reduce moisture levels to obtain optimum root penetration and to prevent fungal diseases Prevent wet foliage after nightfall
Stage 3 Growth and development	Temperature days 18°C (64°F) Fertilizers: EC 0,7-1,2 (100-180 ppm N) Allow to dry slightly between watering without wilting. Water early in the morning to allow foliage to dry before nightfall
Stage 4 Ready for transplanting	Temperature can be dropped to 16-18°C (60-64°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 (100-180 ppm N)
Plug crop time	5-6 weeks
Approximate finish time	5-7 weeks
Special tips	Allow to dry slightly between watering's without wilting Water early in the morning to allow foliage to dry before nightfall