

Ageratum houstonianum F1 Kona (natural dwarf)

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 20cm (8") pots
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 waterings pH 5.5 to 5.8 EC 1.0-1.5 (150-225 ppm N)
Growing temperature	Temperature for active growth 15°C (59°F) at night 16-18°C (61-64°F) at day time
Light	Optimum light level is 18.000 - 22.000 lux (1.670 – 2.040 fc); >14 hours will promote early flowering
Fertilizer needs	Balanced N:P:K fertiliser as needed EC1.5-2.0 (225-300 ppm N) Avoid high ammonium and high nitrogen levels (causes iron deficiency) Apply chelated iron if chlorosis becomes a problem
Crop time	10-13 weeks



Description

Kona is our most compact Ageratum and ideal for growing in packs as 10 cm (4") pots. Kona is part of our "Low Grow" family, that requires no or little PGR use in production. It is heat tolerant and flowers from spring until frost.

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



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Plug Production

Seed forms	Raw and Pelleted
Seed count	7.500 seeds/gram (213.000 seeds/oz); varies by lot!
Recommended plug size	480-288
Seeds cell	1
Vermiculite cover	Do not cover seeds (needs light for uniform germination)
Stage 1 Germination	Temperature: 20-22°C (68-72°F) growing medium temperature Radicule emergence will occur in 7-10 days Keep media wet Soil: EC 0.5-0.7 (75-105 ppm N)
Stage 2 Stem and cotyledon	Temperature growing medium up to 18°C (64°F) Keep media moist, but 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 (105-180 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 (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)
Plug crop time	5-6 weeks
Approximate finish time	5-7 weeks
	Allow to dry slightly between waterings without wilting Water early in the morning to allow foliage to dry before nightfall

