

Ageratum houstonianum F1 Blue Planet (cut flower)

Life cycle	Annual
Family / Origin	Compositae / Mexico, Central America
Popular uses	Cut flower, tall bedding, patio containers
Mature plant height	70-80 cm (28-32")
Mature plant width	25-35 cm (10-14")
Pot size	12-15 cm (5-6") pots multiples in 20 cm (8") or larger pots
Plants per pot	1 plant per 12-15 cm (5-6") 3 plants per 20 cm (8") pots
Sun exposure	Full sun or partial shades
Water requirements	Moderate; growing too dry may result in red-edged or yellow leaves
Flowering time	Entire growing season
Media	Select a well-drained sterile cut flower bed in full sun with a pH of 5.8-6.2 and a low nutrient charge
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 up to 75.000 lux (6.970 fc)
Fertilizer needs	Well balanced calcium nitrate based formulations work well to build strong and healthy plants Optimum EC 1.5-2.0 (225-300 ppm N) Avoid excess nitrogen as it promotes overgrowth, invites disease and shortens vase life
Crop time	12-15 weeks



Blue planet ✂

Description

Tall growing and very-well branched Ageratum. Is perfect as a tall component in mixed containers and also outstanding for cut flower production

Single stemmed culture

Space plants 10 x 10 cm (4 x 4") apart in beds and provide support netting
Raise netting as the plants grow
Do not pinch the plants

Multiple stemmed culture

Space plants 20 x 20 cm (8 x 8") apart and pinch the growing tip to induce side branching, which will result in a heavy crop of high quality cut flowers

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

Hardiness zone

N/A

22032024

Plug Production

Seed forms	Raw and Pelleted
Seed count	6.000 seeds/gram (170.000 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	Growing medium temperature 20-22°C (68-72°F) Radicle emergence will occur in 7-10 days Keep media wet Soil: EC 0.5-1.0 (75-150 ppm N)
Stage 2 Stem and Cotyledon	Keep media 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
Stage 3 Growth and development	Temperature days 18°C (64°F) Fertilizers: EC 0.5-1.0 (75-150 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 EC 0.7-1.2 (105-180 ppm N)
Plug crop time	5-6 weeks
Approximate finish time	For summer production allow 12 weeks from sowing and 15 weeks for winter production The first flower is usually removed to create a flush of flowers The flowers should be well coloured before cutting
Special tips	Optimum light level is up to 75.000 lux (6.970 fc) It may be necessary to whitewash the glass in May-September to reduce light intensity Extending the photoperiod in winter to 16 hours is recommended to ensure sufficient stem length and improve flower quality

22032024

Ageratum houstonianum F1 Blue Planet (pot plant)

Life cycle	Annual
Family / Origin	Compositae / Mexico, Central America
Popular uses	Landscape, tall bedding, patio containers
Mature plant height	70-80 cm (28-32")
Mature plant width	25-35 cm (10-14")
Pot size	12-15 cm (5-6") pots Multiples in 20 cm (8") or larger pots
Plants per pot	1 per 12-15 cm (5-6") pots 3 plants per 20 cm (8")
Sun exposure	Full sun or partial shades
Water requirements	Moderate; growing too dry may result in red-edged or yellow leaves
Flowering time	Entire growing season
Media	Media with good aeration, drainage and water holding capacity Medium that dries regularly between waterings pH 5.5-5.8 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	Blue Planet performs best under moderate to high light levels
Fertilizer needs	Well balanced calcium nitrate based formulations work well to build strong and healthy plants Optimum EC 1.4-1.8 (210-275 ppm N) Avoid excess nitrogen as it promotes overgrowth, invites disease and shortens vase life
Crop time	11-14 weeks



Description

Tall growing and very-well branched Ageratum. Is perfect as a tall component in mixed containers and also outstanding for cut flower production

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

Not necessary, but a single pinch is recommended for better branching; crop time will be 1-2 weeks longer

Hardiness zone

N/A

22032024

Plug Production

Seed forms	Raw and Pelleted
Seed count	6.000 seeds/gram (170.000 seeds/oz); seed count varies by lot
Seeds cell	1
Vermiculite cover	Do not cover seeds (needs light for uniform germination)
Stage 1 Germination	Growing medium temperature: 20-22°C (68-72°F) Radicle emergence will occur in 7-10 days Keep media wet
Stage 2 Stem and cotyledon	Keep media 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
Stage 3 Growth and development	Temperature days 18°C (64°F) Fertilizers: EC 0.5-1.0 (75-150 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 EC 0.7-1.2 (105-180 ppm N)
Plug crop time	5-6 weeks
Approximate finish time	6-8 weeks
Special tips	Moisture: allow media to dry between watering Allow to dry slightly between waterings without wilting Water early in the morning to allow foliage to dry before nightfall Drought stress causes leaf burn Optimum light level is 19.000-23.000 lux (1.770-2.040 foot candles) Long days (>14 hrs) will promote early flowering