

Cloud Nine



New Cloud Nine Mixed AGE100



New Cloud Nine Pink AGE109



Cloud Nine Blue AGE107



Cloud Nine White AGE104



New Cloud Nine Mixed AGE100



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Cloud Nine

F1 Ageratum houstonianum

A brand new series bred for earliness and uniformity in the pack. Each colour is up to 7 days earlier than competing varieties and flower very uniformly across the crop, making them ideal to grow together. All three colours have smaller leaves and a more uniform habit making for a much more uniform end product. Cloud Nine Blue also has darker flower buds, giving a more attractive appearance than varieties with pale buds.

Seed Form

Seed Count

Garden Height

Garden Spread

Flower

Pelleted, Natural

170,000/oz - 6,000/g

4 - 5" (10 - 12cm)

10 - 12" (25 - 30cm)

½" (1cm)



floranova
creative plant breeding

Easy Grow Guide

Ageratum Cloud Nine

Ageratum houstonianum



Plug Production: 512 or 288 plugs

Sowing/Media:

Use a well-drained, disease-free, peat based plug medium with pH 5.5-5.8, EC <0.75 mmhos.

Germination Stage 1: (4-5 days)

Media should be saturated and humidity needs to be high until radicle emergence. Temperature should be 72-75°F (22-24°C). Light is required for germination so no covering is needed but a very thin layer of vermiculite can be used.

Germination Stage 2: (6-14 days)

Once radicles emerge, media temperature can be lowered to 65-70°F (18-21°C). Once cotyledons are fully open, dry the media down to moist and maintain even moisture. Humidity can also be reduced by half. Keep light levels between 2500 and 3000 f.c. HID lights can be used to boost light levels during periods of low light.

Germination Stages 3&4:

Temperature can be kept around 63-68°F (17-20°C). Dry media down slightly between irrigations but avoid wilt as leaves can scorch. Keep light levels around 2500 and 3000 f.c. Fertilize as required using balanced calcium fertiliser such as a 15-5-15 or 17-5-17 at 50-75ppm initially and increasing to 100ppm as seedlings develop. Keep media pH at 5.5-5.8 and EC <1.0 mmhos.

Growth Regulators:

Growth regulators are not usually required 1-2 doses of B-Nine are effective at 2500-5000ppm to tone seedlings prior to transplant/shipping.

Growing On to Finish: Packs, 4" (10cm) pots

Media:

Use a well-drained, disease free, peat-based growing mix with pH 5.8-6.2 and EC <1.2 mmhos.

Temperatures:

Day temperatures should be 69-73°F (21-23°C), night temperatures can be 62-65°F (16-18°C).

Light:

Light levels should be maintained at 2500 and 3000 f.c. Ageratum is a facultative long day plant so HID lights can be used to extend day length beyond 14 hours and shorten crop time, or just as a boost during periods of low light.

Irrigation:

Practice a good wet/dry moisture cycle but avoid wilt as this can cause leaf scorch.

Fertilizer:

Feed once per week with 100 – 150ppm N from a balanced fertiliser such as 15-5-15, 17-5-17. Over feeding can promote leafy plants and delay flowering so avoid excess fertiliser. Keep media pH 5.8-6.2 and EC <1.2 mmhos.

Growth Regulators:

Good moisture and fertiliser management combined with the correct light levels and temperatures should limit the need for PGRs. However if required, sprays of B-Nine are effective at 2500-5000ppm It is best to run your own trials to avoid overdosing, as weather and cultural regimes can affect the requirements.

Pests:

Aphids, Thrips. Whitefly

Diseases:

Pythium, Botrytis, Fusarium, Rhizoctonia

Plug Times:

512 Plug:

4-5 weeks from sowing to transplant

288 plug:

5-6 weeks from sowing to transplant

Transplant to Finish:

| Container | Plants/Container | Transplant to Finish | Total Crop Time |
|-----------|------------------|----------------------|-----------------|
| Packs : | 1x plug | 4-5 weeks | 8-10 weeks |
| 4"(10cm): | 1 x plugs | 5-6 weeks | 9-11 weeks |

Crop times are based on UK Spring trials under natural day length. Alternative environmental and cultural regimes can alter the crop times stated above.