



Jester® Blue Bicolor

syngenta[®]flowers

Cineraria Jester[®]

Culture Guide

Botanical name: *Pericallis cruenta*

Product form: Seed

Containers: Pints, Quarts, Gallons

Habit: Upright

Garden Specifications

Garden Height: 8–10" (20–25 cm) tall

Garden Width: 8–10" (20–25 cm) wide

Exposure: Full sun to shade

USDA zone: 11

AHS zone: 4–1

Product use: Containers, Patio Pots

Germination

Stages 1 & 2

Germination time: 3–4 days

Media temp: 68–72 °F (20–22 °C)

Chamber: Optional

Light: Required for germination

Seed cover: No

Moisture level: 4 - WET: Soil is dark brown but not shiny, no free water is seen at the surface of the soil, when pressed or squeezed water drips easily, and trays are heavy with a visible bend in the middle.

Rec. tray size: 288-cell tray

Seeds per cell: 1

Young Plant Production

Stages 3 & 4

Temperature

Day: 68–70 °F (20–21 °C)

Night: 68–70 °F (20–21 °C)

Average daily temperature: 68 °F (20 °C)

Lighting

Day extension lighting: Not necessary

Light intensity: 2,500 foot candles (500 micro mols) maximum

Day length response: Facultative short day

Daily light integral: 6–8 mols/day

Media pH: 5.5–5.9

Media EC: SME 0.5 to 0.75 mS/cm

Fertilizer: 75–125 ppm N

Moisture level: Media should be allowed to dry between irrigations. Alternate between moisture level 2 and 3.

2 - MEDIUM: Soil is light brown in color, no water can be extracted from soil, and soil will crumble apart.

3 - MOIST: Soil is brown in color, strongly squeezing the soil will extract a few drops of water, and trays are light with no visible bend.

Pinching: No

Plant growth regulators (PGRs): Usually not required. If necessary spray with B-Nine[®] WSG at 1,500 ppm to tone plugs.

Plug grow time: 6–7 weeks in a 288-cell tray

Comments: Providing short days in the plug will speed up time to flower.

Finishing

Temperature

Day: 60–62 °F (16–17 °C)

Night: 60–62 °F (16–17 °C)

Average daily temperature: 60 °F (16 °C)

Lighting

Day extension lighting: Not necessary

Light intensity: 2,000–4,000 foot candles

Day length response: Facultative short day

Daily light integral: 10–12 mols/day

Transplanting: Transplant directly into the finished container. Place the rooting media slightly below the level of media in the container. Make sure that the root ball is covered and that the plug is situated in the center of the pot.

Media pH: 5.5–5.9

Media EC: SME EC: 0.9–1.3 mS/cm, PourThru EC: 1.4–2.0 mS/cm

Fertilizer: 125–175 ppm N

Pinching: No. Pinching is not recommended or needed.

Plant growth regulators (PGRs): Usually not required. If desired, Cineraria responds well to B-Nine[®] WSG sprays at 2,500 ppm.

Tech tip: Keep under short days until buds are at least the size of a pea. Long days promotes bolting and delays flowering. Excessive light levels may result in leaf burn. Cineraria responds well to DIF. Highly sensitive to Tosspovirus, so keep Thrips under control.

Scheduling

Size	Crop Time	Plants Per Pot
1.0 pint (4 inch)	10–12 weeks	1 ppp
1.0 quart (4.5 to 5 inch)	10–12 weeks	1 ppp
1.25 to 2.5 quart (5.5 to 6.5 inch, trade gallon)	13–14 weeks	1 ppp

Estimated finish crop time is from transplant of a 288-cell tray and finished at an average daily temperature (ADT) of 60 °F (16 °C).

Example crop schedule for a 1.25 quart

Weeks From Transplant	Description
1 week	Provide short days
6 weeks	If necessary, spray with B-Nine® WSG at 2,500 ppm
9 weeks	If necessary, spray with B-Nine WSG at 2,500 ppm
13 weeks	Ready to ship

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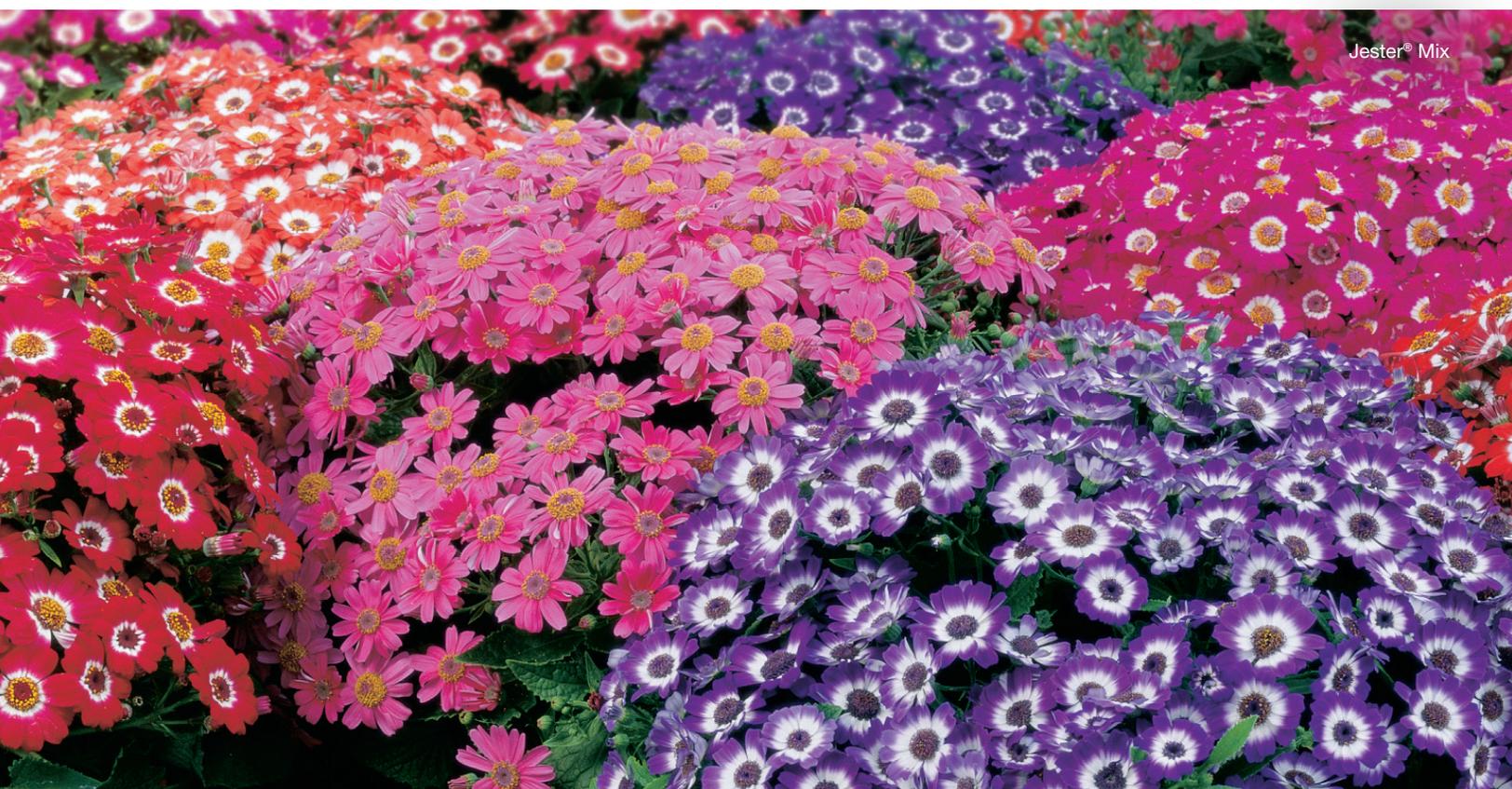
Moisture level: Media should be allowed to dry between irrigations. Alternate between moisture level 3 and 4.

3 - MOIST: Soil is brown in color, strongly squeezing the soil will extract a few drops of water, and trays are light with no visible bend.

4 - WET: Soil is dark brown but not shiny, no free water is seen at the surface of the soil, when pressed or squeezed water drips easily, and trays are heavy with a visible bend in the middle.

Common pests: Aphids, Whiteflies, Thrips

Common diseases: Pythium, Botrytis, Powdery mildew, Tosspovirus



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