



Bam Bam™ Mix

English Daisy/Bellis Bam Bam™

Culture Guide

Botanical name: *Bellis perennis*

Product form: Seed

Containers: Packs, Pints, Quarts

Habit: Mounding

Vernalization: Not required (First Year Flowering)

Garden Specifications

Garden Height: 4–6" (10–15 cm) tall

Garden Width: 6–8" (15–20 cm) wide

Exposure: Part Sun–Full Sun

USDA zone: 4–7

AHS zone: 11–1

Product use: Packs, Containers, Landscapes, Patio Pots

Germination

Stages 1 & 2

Germination time: 3–5 days

Media temp: 65–70 °F (18–21 °C)

Chamber: Optional

Light: Not required for germination

Seed cover: Yes

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

Stage 3 & 4

Temperature

Day: 64–66 °F (18–19 °C)

Night: 66–68 °F (19–20 °C)

Average daily temperature: 65 °F (18 °C)

Lighting

Day extension lighting: Not necessary

Light intensity: 300–400 $\mu\text{mol}\cdot\text{m}^{-2}\cdot\text{s}^{-1}$

Day length response: Day neutral

Daily light integral: 8–10 $\text{mol}\cdot\text{m}^{-2}\cdot\text{d}^{-1}$

Media pH: 5.5–5.9

Media EC: SME 0.5 to 0.75 mS/cm

Fertilizer: 75–125 ppm N



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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): Not necessary

Plug grow time: 5–6 weeks in a 288–cell tray

Comments: As plugs mature, reduce irrigation frequency to tone plants.

Bulking and Vernalization

Vernalization: Not required (First Year Flowering)

Finishing

Temperature

Day: 62–64 °F (17–18 °C)

Night: 48–50 °F (9–10 °C)

Average daily temperature: 56 °F (13 °C)

Lighting

Day extension lighting: Not necessary

Light intensity: 800–1,200 $\mu\text{mol}\cdot\text{m}^{-2}\cdot\text{s}^{-1}$

Day length response: Day neutral

Daily light integral: 12–14 $\text{mol}\cdot\text{m}^{-2}\cdot\text{d}^{-1}$

Transplanting: Transplant directly into the finished container. Place the rooting media slightly above 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): Bellis Bam Bam™ is naturally compact and should not require any PGR treatments, especially if grown cool and under high light. During fall growing conditions when growing conditions are not optimum, sprays of B-Nine® WSG at 1,000–2,000 ppm are effective in controlling plant growth.

Tech tip: Do not overwater Bellis Bam Bam™ to avoid crown rot.



Try Chrysal Alesco®, a postharvest foliar spray, to protect ethylene sensitive crops during shipping and retail.

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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, Thrips

Common diseases: Crown rot, Phoma, Rust

Scheduling

Size	Crop Time	Plants Per Pot
Large Packs	11–13 weeks	1 ppp
1.0 pint (4 inch)	13–15 weeks	1 ppp
1.0 quart (4.5 to 5 inch)	13–15 weeks	1 ppp

Estimated finish crop time is from transplant of a 288-cell tray and finished at an average daily temperature (ADT) of 56 °F (13 °C).

Example crop schedule for a large pack

Weeks From Transplant	Description
1 week	Provide cool nights and high light
13 weeks	Ready to ship



Bam Bam™ Rose Imp.