

## Gaillardia Mesa Series

(*Gaillardia x grandiflora*, *Gaillardia aristata* x *Gaillardia pulchella*)

Perennials Culture (revised 11/08/23)

### Fast, non-fading colour that won't quit

The first seed F<sub>1</sub> Gaillardia fills quart and gallon containers quickly with bold, brilliant colour. These plants hold up under dry conditions, and they put out intense, non-fading colour all season long. Create more colourful landscapes and mixed containers with Mesa.

**Plug crop time:** 5 to 6 weeks

**Transplant to finish:** 11 to 13 weeks

- The first F<sub>1</sub> Gaillardia from seed puts out lots of fast colour on sturdy plants.
- Strong, early-flowering, well-branched plants fill quart and gallon containers quickly while maintaining the controlled height.
- Compared with other seed Gaillardia, Mesa varieties are more uniform in habit and flowering time, for easier scheduling and shipping.
- Very drought tolerant once established, with intense, non-fading colour all season.
- Upright, well-balanced plants perform well in landscapes and mixed containers.

## General Information

| Exposure | Bloom Season         | Height                  | Spread                  | Spacing                 |
|----------|----------------------|-------------------------|-------------------------|-------------------------|
| Sun      | Early Spring, Spring | 14-16 in.<br>(36-41 cm) | 20-22 in.<br>(51-56 cm) | 20-24 in.<br>(51-61 cm) |

## Germination

| Seed Form | Recommended Plug Size | Seeds/Cell | Plug Crop Weeks | Days from 50% to maximum germination | Initial Media pH/EC (1:2)   | Cover Seed |
|-----------|-----------------------|------------|-----------------|--------------------------------------|-----------------------------|------------|
| RAW       | 128<br>288*           | 1<br>1     | 6-7<br>5-6      | 4-5                                  | 5.8-6.2 pH<br>0.75 mmhos/cm | Yes        |

\* Recommend plug size for forcing.

## Plug Production

|                    | Stage 1              | Stage 2                                   | Stage 3                                 | Stage 4                                 |
|--------------------|----------------------|-------------------------------------------|-----------------------------------------|-----------------------------------------|
| <b>Moisture</b>    | Level 4-5            | Level 3-4                                 | Level 2-4                               | Level 2-4                               |
| <b>Temperature</b> | 68-73°F<br>(20-23°C) | 68-73°F<br>(20-23°C)                      | 65-67°F<br>(18-19°C)                    | 59-64°F<br>(15-18°C)                    |
| <b>Light</b>       | Optional             | 1,000-2,500 f.c.<br>(10,800-26,900 Lux)   | 1,000-2,500 f.c.<br>(10,800-26,900 Lux) | 2,500-5,000 f.c.<br>(26,900-53,800 Lux) |
| <b>Fertiliser</b>  |                      | Less than 100 ppm N<br>(Less than 0.7 EC) | 100 to 175 ppm N<br>(0.7 to 1.2 EC)     | 100 to 175 ppm N<br>(0.7 to 1.2 EC)     |
| <b>PGR</b>         |                      |                                           | daminozide/2,500 ppm/Spray              | daminozide/2,500 ppm/Spray              |

## Vernalisation

No

## Propagation Key Tips

For forcing info: See Perennials Forcing Guide.

## Growing on to Finish

| Growing on Temperature                               | Target Media pH/EC (1:2)       | Fertiliser                          | Daylength            |
|------------------------------------------------------|--------------------------------|-------------------------------------|----------------------|
| (day) 60-70°F (16-21°C)<br>(night) 50-60°F (10-16°C) | 5.5-6.2 pH<br>1.5-2.0 mmhos/cm | 175 to 225 ppm N<br>(1.2 to 1.5 EC) | Facultative Long Day |

## Daylength Notation

Critical daylength: 13 hours

## Crop Scheduling

| Crop Type | Container Size      | Plugs/Pot | Crop Time     | Season                       | PGR |
|-----------|---------------------|-----------|---------------|------------------------------|-----|
| Forcing   | 4"/4.5"/Quart/10 cm | 1 (ppp)   | 9-11 (weeks)  | Late Summer, ADT 72°F (22°C) | -   |
| Annual    | 4"/4.5"/Quart/10 cm | 1 (ppp)   | 10-14 (weeks) | Late Spring, ADT 68°F (20°C) | -   |

## Common Problems

INSV, White Smut and Powdery Mildew

## Finishing Key Tips

PGRs are generally not necessary if grown cooler. If necessary, apply daminozide 2,500 to 5,000 ppm spray.

NOTE: Growers should use the information presented here as guidelines only. PanAmerican Seed recommends that growers conduct a trial of products under their own conditions. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. It is the responsibility of the grower to confirm the treatment is available in their region as well as read and follow all the current label directions relating to the products. Nothing herein shall be deemed a warranty or guaranty by PanAmerican Seed of any products listed herein. PanAmerican Seed's terms and conditions of sale shall apply to all products listed herein.

## Variety Pictures



Bright Bicolor



Peach



Red



Yellow



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