

Durango French Dwarf Anemone Marigold

Totally Upgraded Series Boasts More Colors & Better Series Uniformity!

■ **Durango** series sets the highest standard for anemone-type marigolds...it's the number one choice for vigorous garden performance.

■ A good choice for both packs and pots, **Durango** marigolds have outstanding uniformity from bench to garden.

■ Excellent branching for more flowers and strong stems for superior shipping.

■ Early-blooming with a well-matched, 3 to 5-day flowering window across all colors.

■ Produces extra-large, 2 to 2.5-in. (5 to 5.5-cm), anemone-type flowers in a terrific range of colors.

■ The bushy, compact plants reach 10 to 12 in. (25 to 30 cm) outdoors.

■ **Durango** series marigolds are available as both de-tailed seed and coated seed. Order today! Contact your local distributor or call PanAmerican Seed at 800 231-4868 for information.

Tagetes patula

Approximate de-tailed seed count: 9,500 to 10,500 S./oz. (335 to 370 S./g)

Plug Production

Plug Tray Size

Durango marigold plugs are best produced in 200-cell plug trays.

Media

Use a well-drained, disease-free, soilless medium with a pH of 6.2 to 6.5 and a medium initial nutrient charge (EC) of 0.75 mmhos/cm (1:2 extraction).

Sowing

Cover the seed with coarse vermiculite. Allow 3 to 4 days for germination.

Temperature

Germination: 70 to 72°F (21 to 22°C)

Cotyledon stage: 65 to 72°F (18 to 22°C)

True leaves: 65 to 70°F (18 to 21°C)

Hold plugs: 65 to 68°F (18 to 20°C)

Light

Stage 1: Light is not required for germination

After germination: 1,000 to 2,500 f.c. (10,000 to 25,000 Lux)

Seedling maturity: Up to 3,000 f.c. (30,000 Lux)

Humidity

Maintain 95% relative humidity (RH) until cotyledons emerge.

Soil Moisture

Keep soil moisture high until radicle emergence, then reduce moisture levels after the radicle penetrates the medium. Do not allow seedlings to wilt.

Fertilizer

Stage 2: Apply 50 to 75 ppm N, maintaining an EC of 1.0.

Stage 4: Apply 100 to 150 ppm N, maintaining an EC of 1.0 to 1.5.

Growth Regulators

Not required.

Growing On to Finish

Container Size

Durango marigolds are well-suited to cell-packs and 6-in. (15-cm) pots.

Media

Use a well-drained, disease-free, soilless medium with a pH of 6.2 to 6.5 and a medium initial nutrient charge.

Temperature

Nights: 60 to 62°F (15 to 17°C)

Days: 65 to 68°F (18 to 20°C)

Light

Keep light levels from moderate to high.

Irrigation

Maintain even moisture. Do not allow plants to wilt.

Fertilizer

Feed plants weekly with 150 to 200 ppm N in a complete fertilizer. Maintain the media EC at 1.5 to 2.0 mmhos/cm and pH at 6.2 to 6.8.

Growth Regulators

To tone the plants for best appearance, we recommend applying B-Nine at 2,500 ppm, 1 week after transplant for cell packs or 2 weeks after transplant for 6-in. (15-cm) pots.

Crop Scheduling

Sow to transplant (200-cell plug tray): 4 weeks

Transplant to finished pack: 3 to 4 weeks

Transplant to saleable 6-in. (15-cm) pot: 5 to 6 weeks with 3 plants per pot

Common Problems

Diseases: Damping off in the seedling stage

Insects: Aphids, mites, whitefly

PanAmerican Seed[™]

PanAmSeed.com

PanAmerican Seed Co.
622 Town Road
West Chicago, Illinois USA 60185-2698
630 231-1400
Fax: 630 231-3609

PanAmerican Seed Europe BV
Lavendelweg 10
NL-1435 EW Rijsenhout, Holland
+31 (0)297-383038
Fax: +31 (0)297-383036

™ denotes a trademark of and ® denotes a registered trademark of Ball Horticultural Company in the U.S. It may also be registered in other countries.

©2005 Ball Horticultural Company Printed in USA PAS06096