

Zesty™ Series Zinnia

Superior Fully Double Flower Form & Garden Vigor!

- **Zesty** Zinnias are very well-branched, vigorous landscape performers that fill out a garden bed fast and provide a better show in the landscape than the competition due to better vigor and flower size.
- The fully double flower form makes **Zesty** Zinnia a standout compared to older types.
- Easy-care **Zesty** Zinnias thrive in high heat, making them a vibrant addition to late Spring and Summer color programs and landscapes.
- **Zesty** Zinnias have extraordinary retail appeal with displays of unique, bold colors.
- Contact your local distributor or call PanAmerican Seed at 800 231-4868 for ordering information on **Zesty** Zinnia.

Zinnia violaceae (*Z. elegans*)

Approximate seed count: 2,000 S./oz. (70 S./g.)

Plug Production

Sowing

Use a well drained, disease-free plug media. Avoid excess moisture in the plug media at sowing. Cover the seed with a medium layer of coarse-grade vermiculite at sowing.

Germination

Zinnias can be germinated equally well at temperatures that range from 65 to 72°F (18 to 22°C). Light is not required for germination. Maintain 95 to 97% relative humidity at germination.

Days to Germ

It takes about 2 to 3 days to germinate at the temperatures listed above. Germination may take a day or so longer at lower temperatures (around 65°F/18°C).

Plug Size

Zesty Zinnias can be produced in 288-trays. The average plug production time is 3 to 4 weeks. *Do not hold the plugs too long, as this will cause delay in flowering.*

Plant Growth Regulators

Growth regulators are recommended during plug production to produce quality finished plugs. Use foliar sprays of B-Nine at 2,500 ppm twice during the plug stage – the first application can be done about 10 days after sowing, and second application can be done 1 week later.

Growing On to Finish

Container Size

4 to 4.5-in. (10 to 11.5-cm) pots or gallon (15-cm) containers.

Media

Use a well-drained, disease-free, soilless growing media with a pH of 5.8 to 6.0 and a medium level of initial nutrient charge.

Temperature

Days: 70 to 85°F (21 to 29°C)

Nights: 60 to 68°F (15 to 20°C)

Light

Keep light levels high.

Irrigation & Fertilization

Maintain even moisture and avoid excessive wetness. Fertilize the crop weekly with 200 to 300 ppm N with a complete balanced fertilizer, maintaining a pH of 5.8 to 6.0. The EC of the media can be at 1.5 to 2.5 mmhos/cm (SME).

Plant Growth Regulators

Growth regulators are recommended for pack/container production. Foliar sprays of B-Nine at 3,500 ppm applied 2 to 3 times are beneficial for **Zesty** Zinnia. First application can be done 1 week after transplant, followed by a second application 1 week later. If necessary, a third application can be done 10 to 14 days later to hold the crop. If the crop is targeted to finish in late Spring or early Summer during warmer growing temperatures, try using a foliar spray of B-Nine at 5,000 ppm instead of 3,500 ppm.

Diseases

Avoid moisture/humidity condensation in the greenhouse, as this can cause *Botrytis*. Also incorporate a preventative fungicide program for *Powdery Mildew*.

Weeks to Flower

9 to 10 weeks from early Spring sowings.

Garden Height

18 to 24 in. (45 to 60 cm)

Garden Spread

18 to 24 in. (45 to 60 cm)

Garden Location

Full sun

Garden Spacing

10 to 12 in. (25 to 30 cm)

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