

Zinnia State Fair Series

(*Zinnia elegans* (syn. *Zinnia violaceae*))

Annuals Culture (revised 02/11/17)

Plug crop time: 4 to 5 weeks

Transplant to finish: 6 to 7 weeks

- Tetraploid mix has very large flowers in bright scarlet, gold, lavender, purple, orange, pink, red and yellow.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Late Spring, Summer, Late Summer	36-48 in. (91-122 cm)	12-14 in. (30-36 cm)	12-16 in. (30-41 cm)

Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days to Germinate	Initial Media pH/EC	Cover Seed
RAW	288	1	4-5	2-5	5.8-6.2 pH 0.75 mmhos/cm	Yes

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture				
Temperature	70-73°F (21-23°C)			
Light				
Fertilizer				

Growing on to Finish

Growing on Temperature	Target Media pH/EC	Fertilizer	Daylength
(day) 65-70°F (18-21°C) (night) 65-70°F (18-21°C)	5.5-6.0 pH 1.2-1.5 mmhos/cm	175 to 225 ppm N - 1.2 to 1.5 EC	Facultative Short Day

Crop Scheduling

Container Size	Plugs/Pot	Crop Time	Season	PGR
4"/4.5"/Quart	1 (ppp)	6-7 (weeks)	Spring	-
5"/6"/1 Gallon	1 (ppp)	7-8 (weeks)	Spring	-

Finishing Key Tips

Avoid excessive moisture on plants and flowers. Monitor for Botrytis.

NOTE: Growers should use the information presented here as a starting point. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. Chemical and PGR recommendations are only guidelines. It is the responsibility of the applicator to read and follow all the current label directions for the specific chemical being used in accordance with all regulations.

Variety Pictures



Mixture

PanAmericanSeed™

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