

# GEM™

Lantana camara



**GEM™  
Lemon Quartz**

- Makes a bright ball of color that does not cycle out of bloom
- Perfect for heat tolerant/drought tolerant programs
- Mature height and width is 10 inches x 12 inches (25cm x 30cm)

More varieties in the GEM™ series:



**GEM™  
Pearl**



**GEM™  
Diva Pink**



**GEM™  
Citrine**



**GEM™  
Ruby**



**GEM™  
Gold**

For additional technical growing information:

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## PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time

Spring / Summer  
Flowering



Width

(10 - 14")  
25 - 36 cm



Height

(8 - 14")  
20 - 36 cm

Average Time	Temperature	Hormone	Fertilization	Fungicide
5 weeks	Weeks 1 - 2 70°-72° F (21° - 22°C)	Recommended	Weeks 1-2 50 ppm N	Spray fungicide to control Botrytis and bacteria day of sticking
	Weeks 3 - 5 68° - 70° (20° - 21° C)		Weeks 3-5 100 to 150 ppm N	Apply broad spectrum Week 2



**Misting specification** - Remove from mist as soon as possible  
- Spray adjuvant at sticking



- Maintain warm temperatures allowing plants to develop.
- Spray Daminozide at 2000 to 2500 ppm
- Pinch is recommended week 4 or at transplant

Rooting	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
Week 1	5.8 / 6.2	0.80	72 / 74 F (22 / 23 C)	50 ppm N in mist	Not required		Day of sticking	
Week 2	5.8 to 6.2	.80 to .90	72 / 74 F (22 / 23 C)	50 ppm N in mist	Not required		Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	72 / 74 F (22 / 23 C)	Feed 100 ppm to 150 ppm	Not required			
Week 4	5.8 to 6.2	1.0 to 1.2	70 F ( 21 C)	Feed 100 to 150 ppm	Not required			
Week 5	5.8 to 6.2	1.0 to 1.2	70 F (21 C)	Feed 100 to 150 ppm	Not required	Daminozide as needed		

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## FINISHING TIPS

- Keep the temperatures moderately warm to allow plants to continue to develop (average daily temperature at 73 to 75 F (23 to 24 C))
- Gem Compact may be too compact for cooler growing regions

Average Time (from liners)	Temperature	Pinch/ Daylength Modification	Fertilization	Plant Growth Regulator
6 to 7 wks (12 cm) 5" pot	Average Day 73° - 75° (23° - 24° C)	Pinch –Yes	150 - 200 ppm N	In liner and finish stages
8 to 9 wks (15 cm) 6 ½"	73° - 75° (23° - 24° C)	Night interruption or extended day- Optional	Soil EC 1.0 - 1.2 pH 5.8 to 6.2	

<b>Pests</b>	Aphids	ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS
	Thrips	METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD
	Whiteflies	PYMETROZINE, PYRIPROXYFEN, PYRIFLUQUINAZON
<b>Diseases</b>	Botrytis	CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN
	Pythium	PROPAMOCARB
	Phytophthora	PROPAMOCARB



- **PGR** - Spray Daminozide at 2500 to 3750 ppm for finishing plants
- Paclobutrazol drench application at 1 to 2 ppm for finishing if required
- **Spray** broad spectrum fungicide after transplant
- **Scout** for Leafminors, Thrips and Whiteflies on regular basis

Finishing	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
<b>Week 5 Transplant</b>	5.8 to 6.2	1.0 to 1.2	65 to 68 F (18 to 20 C)	feed 100 to 150 ppm		B-9 as needed	Spray fungicide after transplant	
<b>Week 6 to 13</b>	5.8 to 6.2	1.0 to 1.2	65 to 68 F (18 to 20 C)	feed 100 to 150 ppm		Paclobutrazol Drench at 1 to 2 ppm		Paclobutrazol 1 to 2 ppm drench if required

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