

# GEM™

## *Lantana*

- Well-branched medium habit
- Tested and trialed for bloom cycling
- Drought tolerance
- Perfect for late spring/summer timing
- Keeps its bright colors under hot weather conditions
- Fits all pot sizes from Quarts (12cm) to Patio Pots
- Great landscape performance



Mounded



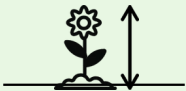
Hanging  
Basket



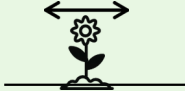
12-15  
Qt, Gal,  
Patio Pot



Landscape



cm 25-30  
10-12 in



cm 30-36  
12-14 in



Spring /  
Summer  
Flowering



Heat  
Tolerant



Pollinator  
Friendly



GEM™  
Ruby

DANZIGER

# The GEM™ Series

NEW  
26



GEM™ Red Topaz



GEM™ Citrine



GEM™ Diva Pink

Best Seller



GEM™ Gold



GEM™ Lemon Quartz



GEM™ Pearl



GEM™ Ruby

Lantana camara

Stick on priority – Number 1 out of 4 categories

| Average Time | Temperature                               | Hormone     | Fertilization                 | Fungicide                                                        |
|--------------|-------------------------------------------|-------------|-------------------------------|------------------------------------------------------------------|
| 5 weeks      | Weeks 1 - 3<br>72°-74° F<br>(22° - 23°C)  | Recommended | Weeks 1-2<br>50 ppm N         | Spray fungicide to control Botrytis and bacteria day of sticking |
|              | Weeks 4 - 5<br>68° - 70°<br>(20° - 21° C) |             | Weeks 3-5<br>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 to 6.2 | 0.80       | 72°-74° F<br>(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<br>(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<br>(22° - 23°C)  | Feed 100 ppm to 150 ppm | Not required |                      |                      |                   |
| Week 4  | 5.8 to 6.2 | 1.0 to 1.2 | 68° - 70°<br>(20° - 21° C) | Feed 100 to 150 ppm     | Not required |                      |                      | Pinch is optional |
| Week 5  | 5.8 to 6.2 | 1.0 to 1.2 | 68° - 70°<br>(20° - 21° C) | Feed 100 to 150 ppm     | Not required | Daminozide as needed |                      |                   |

Lantana camara

- Keep the temperatures moderately warm to allow plants to continue to develop (average daily temperature at 73° to 75° F (23° to 24° C)
- High light levels best for finishing

| Average Time (from liners) | Temperature                | Pinch/ Daylength Modification                                 | Fertilization                      | Plant Growth Regulator     |
|----------------------------|----------------------------|---------------------------------------------------------------|------------------------------------|----------------------------|
| 6 to 7 wks                 | Average Day                | Pinch –Yes<br><br>Night interruption or extended day-Optional | 150 - 200 ppm N                    | In liner and finish stages |
| (12 cm) 5” pot<br>1 ppp    | 73° - 75°<br>(23° - 24° C) |                                                               |                                    |                            |
| 8 to 9 wks                 | 73° - 75°<br>(23° - 24° C) |                                                               | Soil EC 1.0 - 1.2<br>pH 5.8 to 6.2 |                            |
| (15 cm) 6 ½”<br>1 ppp      |                            |                                                               |                                    |                            |

| Finishing            | pH         | EC         | Temp                           | Feed                | Light | PGR                                | Fungicide                        | Comments                                    |
|----------------------|------------|------------|--------------------------------|---------------------|-------|------------------------------------|----------------------------------|---------------------------------------------|
| Transplant to Week 5 | 5.8 to 6.2 | 1.0 to 1.2 | 73° to 75° F<br>(23° to 24° C) | feed 100 to 150 ppm |       | B-9 as needed                      | Spray fungicide after transplant |                                             |
| Week 6 to 13         | 5.8 to 6.2 | 1.0 to 1.2 | 73° to 75° F<br>(23° to 24° C) | feed 100 to 150 ppm |       | Paclobutrazol Drench at 1 to 2 ppm |                                  | Paclobutrazol 1 to 2 ppm drench if required |

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

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- 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 Leaf Miners, Thrips and Whiteflies on regular basis