

GEM Compact™

Lantana

- Well-branched medium habit
- Tested and trialed for bloom cycling
- Perfect for late spring/summer timing
- Keeps its bright colors under hot weather conditions
- Gem Compact is best suited for Southern growers with high light and warm temperatures
- Northern Growers should use Gem for its increased vigor



Mounded



Hanging
Basket



12-15
Qt, Gal,
Patio Pot



Landscape



20-25 cm
8-10 in



25-30 cm
10-12 in



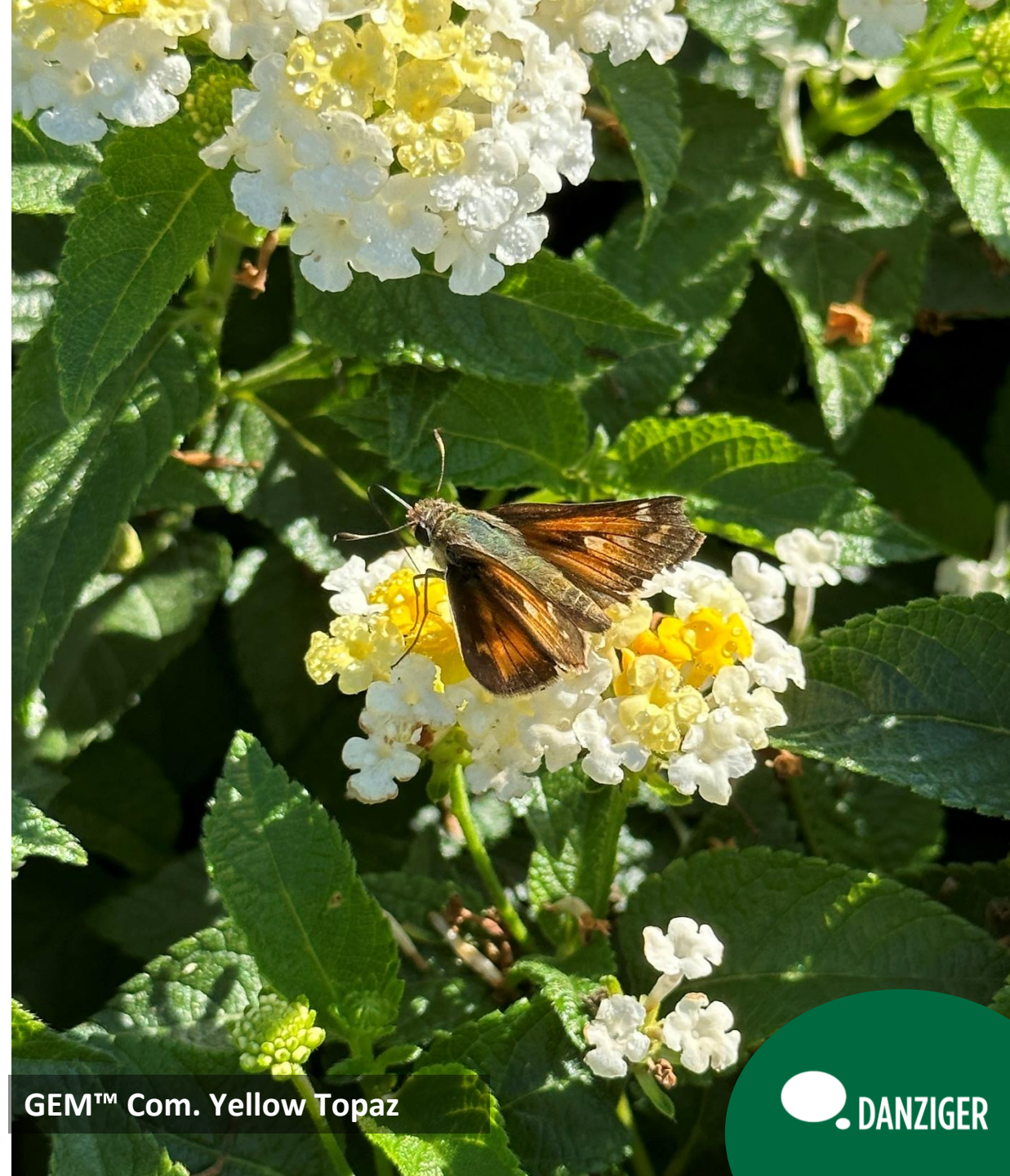
Spring /
Summer
Flowering



Heat
Tolerant



Pollinator
Friendly



GEM™ Com. Yellow Topaz

 DANZIGER

The GEM COMPACT™ series



Gem Compact™
Orange Fire



Gem Compact™
Pink Opal



Gem Compact™
Rose Quartz



Gem Compact™
White Sapphire



Gem Compact™
Yellow Topaz

Lantana camara

Stick on priority – Number 1 out of 4 categories

| 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 |

| 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 | | | |



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

GEM™ Compact

For additional information and availability:



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))
- Gem Compact may be too compact for cooler growing regions

FINISHING TIPS

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

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-----------------------------|---------------------|-------|------------------------------------|----------------------------------|---|
| Week 5 Transplant | 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 | |
| Week 6 to 13 | 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 |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| | Whiteflies | PYMETROZINE, PYRIPROXYFEN, PYRIFLUQUINAZON |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRDIONE, 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 Leafminers, Thrips and Whiteflies on regular basis