

# Calendula Zen™ Series

## *Calendula officinalis*



- COLORS AVAILABLE:** Gold, Orange
- FLOWER/GARDEN SIZE:** Annual, 6 – 8 inches (15 – 20 cm) tall
- NOVELTY CHARACTERISTICS:** Very compact, bushy and floriferous, bred to bloom under neutral day-length for early spring sales
- MARKET USE:** Bedding plant
- PLUG STAGE:**
- CULTURAL RECOMMENDATIONS:**
- STAGE 1:** (GERMINATION) Emergence 5 - 7 days / 65 - 68°F (18 – 20°C) / cover lightly/ humidity 100%, saturate soil with water
- STAGE 2:** (COTYLEDON VISIBLE) 10 to 14 days / 68 - 72°F (20 – 22°C) / Light level – medium / humidity 90% / Fertilize: 75 ppm N / pH: 5.8 – 6.4
- STAGE 3:** (FIRST TRUE LEAVES) 14 to 21 days / 50 - 70°F (10 – 21°C) / Light level – high / humidity 70% / Fertilize: 100 - 125 ppm N constant feed
- STAGE 4:** (FINISH, TONE FOR TRANSPLANT) 21 – 25 days / cool down temperatures to avoid stretch, minimum 50°F (10°C) / lower humidity / allow plants to dry between watering to reduce stretch
- FINISHING:**
- DAYS TO FLOWER/FINISH FROM TRANSPLANT:** 5 - 6 weeks after transplant
- TEMPERATURE:** 50 - 72°F (10 – 21°C) days, 50 - 60°F (10 – 14°C) nights
- FERTILIZE:** Heavy feeders, 150 - 200 ppm N; watch for Magnesium and Iron deficiencies
- MOISTURE AND LIGHT:** Keep on the dry side to avoid stretching / high light produces the best quality plants, long days promote faster flowering
- PESTS/DISEASE:** Aphids, whitefly, thrips, snails, Cabbage looper
- GARDEN::**
- NOTES:**
- Crop scheduling: Plug – 3 to 4 weeks; Finish – 5 to 6 weeks
  - PGR recommendations: responds to Paclobutrazol if needed