



Kurume Corona

Celosia Kurume™ Series

Celosia cristata

COLORS AVAILABLE: Corona (red and gold), Gold, New Scarlet, Orange Red, Rose

FLOWER/GARDEN SIZE: Height 28 – 47 inches, cockscomb-type cut flower

NOVELTY CHARACTERISTICS: High tolerance of heat, drought and disease, large comb

MARKET USE: Excellent warm weather cut flower, good for home garden

CULTURAL RECOMMENDATIONS:

CONTAINER SIZE:

SOWING: 288 or larger cell tray

Cut flower use: space 4 - 6" for 2 to 3 inch heads, 6 - 8" for 3 to 4 inch heads; home

garden sales: 6-inch pots or gallons, multiple plants for containers 8-inches and larger

PLUG STAGE:

GERMINATION: Emergence 8-10 days / 70-75°F; cover seed lightly

EC (POUR THRU METHOD): Emergence to cotyledon expansion = <0.5 mS/cm

cotyledon expansion to plug finish = <1.0 mS/cm

PLUG FINISH TIME: 3—5 weeks in a 288 tray

FINISHING:

TRANSPLANT: 20-30 days after sowing

DAYS TO FLOWER FROM

SOWING: 60-70 days

TEMPERATURE: 70- 75°F day / 65 - 68°F night

EC: 1.0 – 2.6 mS/cm (pour thru method)

pH: 6.0—6.6

COMMON DISEASES/PESTS: Fusarium, Rhizoctonia, Phytophthora/Nematods, aphids

NOTES:

- Flowering is initiated by lengthening days; consistent daylength will keep plants growing vegetatively and will delay flowering.
- Longer vegetative growth is important to produce good flower size. If long-day conditions can't be maintained due to time of year, lighting is necessary to prolong vegetative growth.
- When lighting, recommended daylength is 17 to 18 hours in total.
- Insufficient light intensity and low soil temperatures will slow growth.
- Calcium deficiency will cause stems to split.
- For outside cultivation, direct sowing is recommended with 2-3 seeds, thin after one month.
- To avoid root damage, transplant plugs early, at approximately 4 to 5 weeks.
- A-Rest, Cycocel, B-Nine, Bonzi & Sumagic have shown effectiveness if growing for pot sales.
- Dry is best for general watering practices, but excessively dry conditions in the seedling stages may result in stress-related premature flowering.