

Celosia Castle™ Series

Celosia plumosa



COLORS AVAILABLE:	Orange, Pink (AAS winner), Scarlet, Yellow, Mix
FLOWER/GARDEN SIZE:	Height 12 – 16 inches, plume type
NOVELTY CHARACTERISTICS:	Withstands summer heat and drought, beautifully colored plumes provide bountiful color
MARKET USE:	Vigorous, semi-dwarf plants, well-branched plants work well in containers or landscape/garden

CULTURAL RECOMMENDATIONS:

CONTAINER SIZE:	
SOWING:	288 or larger cell tray
FINISH CONTAINER:	Large packs to 4" pots, multiple plants in containers over 6" in diameter
PLUG STAGE:	
GERMINATION:	Emergence 8 - 10 days / 72 - 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

NOTES:

- Finishing in packs will take about 9 – 10 weeks
- A-Rest, Cycocel, B-Nine, Bonzi & Sumagic all show effectiveness on Castle series
- Dry is best for general watering guidelines, but avoid excessively dry conditions in the seedling stages
- Seedling vigor has been shown to be fairly sensitive to plug tray size. In trials in California, plug trays smaller than 288 have stunted young seedlings and lengthened finish time needed for plug crops. This also lengthened time to flower by 5-7 days.