

# **Evaluation of China Aster (*Callistephus chinensis*) Genotypes for Growth and Yield Parameters**

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## **ABSTRACT**

China aster is a half hardy annual commercial and ornamental flower crop grown for its flowers. The flowers of aster are used for flower arrangement, interior decoration, garland making and worshipping. The present investigation was conducted during 2015 and 2016 at Citrus Research Station, Tirupati with the objective to evaluate suitable varieties on growth and flower yield of China aster under Seshachalam tracts of Chittoor Dist. Among the varieties, Arka Poornima recorded the highest plant height, plant spread and number of primary branches at different stages of plant growth. While the variety Local recorded the least plant height and plant spread. Arka Archana was found superior for secondary branches per plant. The weight of 100 flowers was maximum (531.5 gm) in variety Arka Poornima, whereas minimum (351.3 g) was noticed in variety Local. The maximum flower yield (20.5 kg) was recorded in Arka Archana and it was lowest Mixed Variety Local (9.9 kg).

**Key words:** *Asteraceae, Cut flower, China aster, Variety*