

Callistephus
chinensis

Fan®

Create colorful bouquets!

- Great medium size double flowers with bright yellow centers
- Upright habit and flowers in batches – ideal for mass production
- Most profitable aster for commercial cutflower production



Technical Information

Life Cycle: Annual

Uses: Cut flower, plants for the border, pot and container plants, plants for patio and window boxes

Exposure: Sun – Partial shade

Garden height: 60 cm (24")

Crop time: 14-15 weeks

Sow time: January for flowering in May (artificial long days); May for flowering in September (natural day length); July for flowering in January (artificial long days)

Sowing method: 3-5 seeds per plug, sowing in final pots is possible





Germination: 10-12 days at 20-21 °C (68-70 °F), cover seed lightly with vermiculite after sowing. To prevent premature flowering, keep plants vegetative with a four hour night interruption.

Growing On: Transplant plugs after 3-4 weeks. Grow on at 14-16 °C (58-60 °F). Cool temperatures promote a good plant habit, but may delay flowering.

Media: Use a well-drained, growing substrate with 20-30 % clay, 1-1,5 kg/m³ complete balanced fertilizer, 0-2 kg/m³ slow release fertilizer (3-6 months), iron-chelate, micronutrients, pH: 6.0-6.5. Use a sterile medium and sterile pots/containers as preventative measures against Fusarium and Verticillium. Field: sandy loamy soils with good drainage and moderate nutrition levels. Standard fertilization: 80-100 g/m² slow release fertilizer. Disinfect the soils in greenhouse before planting.

Temperature: Grow at 12-15 °C (53-59 °F). Callistephus do not grow at temperatures below 8 °C (46 °F) and do not tolerate frost. The lower the temperature, the better the plant habit but onset of flowering will be a little delayed. Lower temperatures combined with short days cause the development of a leaf rosette and short stems.

Fertilization: Moderate-high fertilization levels are required. Fertilize the crop weekly with 100-150 ppm nitrogen (at 2 kg/m³ slow release fertilizer in substrate), using a potassium balanced fertilizer (N: K₂O-ratio: 1:1,5). Avoid high ammonium and high nitrogen levels. High nitrogen levels will cause smooth stems. Prevent magnesium deficiency by applying magnesium sulphate (0,025 %) 1-2 times and in case of iron deficiency apply iron-chelate for 1-2 times. Field: N min soil value: approximately 150 g/m².

			
60 cm	15-25 cm	Sun – Partial Shade	Raw

Colors of the Series



Deep Blue



Deep Rose



Light Blue



Pink



Red



White



Yellow



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