

# Celosia argentea cristata

Crazy about Celosia

- An active breeding programme with leading series
- Opportunities for year-round production
- Classic cockscombs, bizarre brain shapes, fluffy feathers, dainty fan flowers and much more



Please contact us for more information: [evanthia.nl](https://www.evanthia.nl) | [sales@evanthia.nl](mailto:sales@evanthia.nl)

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# Celosia argentea cristata

## Act series

The Celosia Act series is the market leader in Europe for Celosia cristata and sets the standard at a very high level. Celosia Act has it all: broad, voluminous flower combs; radiantly bright colours; tall, sturdy, unbranched stems and a long vase life. For the grower, the Act series also offers numerous advantages.

The high level of uniformity in plant development and cultivation speed

between the varieties is exceptionally, ensuring laser-sharp uniformity in production. In addition, Act is more resistant to diseases such as Botrytis and Fusarium. With the Celosia Act series you get an extra early start and have the opportunity to continue harvesting for a long time. Create a beautiful assortment with the various exotic colours of this top series, or choose for the uniform Celosia Act Mix.

- Plant from early spring (even earlier with additional lighting) until late summer
- Harvest from spring to late autumn



Act  
Dara (Velvet)

Act  
Diva (Red)

Act  
Inca (Yellow)

Act  
Rima (Rose)



Act  
Verda (Green)

Act  
Vida (Lemon)

Act  
Zara (Orange)

Act  
Ziva (Pink)





## Bar series

Ruffled, fluffy beauties of high quality, that's Celosia Bar!

Compared to the Act series, the production time of Celosia Bar is a bit longer, but you will be rewarded with a large comb, a robust plant habit, extremely sturdy stems and a very long vase life. In addition, Celosia Bar

is less sensitive to thrips than most other varieties on the market.

- Plant from early spring to late summer
- Harvest from spring to late autumn.



Bar  
Bora (Purple)



Bar  
Bossa (Champagne)

## Reprise series

The Celosia Reprise Mix offers an impressive colourful mix of uniform varieties. Reprise is a relatively new Celosia series, developed for the more exclusive market segment.

This attractive series has compact, finely structured, well-filled combs and striking colours. The long stems are firm and have remarkable dark leaves. Celosia Reprise has a short cultivation period of 8 to 11 weeks and

offers the possibility to extend the flowering season. Due to its compact plant structure with significantly smaller leaves, Reprise is not only an efficient crop in terms of plant density throughout the season.

By planting Reprise at a standard density in the late season, more light enters the crop, allowing you to cultivate longer and produce top quality flowers from early spring

to late autumn. The flower combs of Reprise are also less sensitive to Botrytis. This is reflected in the extremely long vase life. This promising series is under development, to broaden the colour range.

- Plant from early spring to late summer
- Harvest from spring to end of autumn.



Reprise  
Orange



Reprise  
Rose



Reprise  
Velvet



Reprise  
Yellow

# Captain series



Beauty & Brains, the high-quality Celosia Captain series has both! The large round spheres of Celosia Captain resemble the structure of a brain, and a very beautiful one we might add! Available in 7 colours and a sparkling mix.

- Plant spring to summer and with a bit more spacing
- Harvest until late autumn

# Martine series

The Celosia Martine series is very uniform, has robust stems and is less sensitive to thrips. The series consists of an original colour range. The decorative, remarkably flat, fringed flower combs bring an interesting graphic structure to arrangements and bouquets. Available in 5 extraordinary colours.



- Plant from early spring until late summer.
- Harvest from spring to late autumn.

# Specialties

Aside from our strong Celosia series, we have a range of Celosia specialties and exclusives with each their own extraordinary features. Whether it's flower colour, shape, size or outstanding growing habits, each of these stand-alone varieties brings something special to your greenhouse.



NEW

Celosia  
Clubs Cocktail

- Salmon/apricot comb with a light streak on the edges



NEW

Celosia  
Clubs Fire

- Strong, bright purple/red comb

Crazy  
about  
CELOSIA

Retro-chic, distinctive, eye-catching ...and a little crazy. That's the Celosia! Crazy about Celosia is an initiative of Evanthia, an ode to these bizarre flowers and a feast of inspiration. Discover the wide range, participate and get connected through [crazyaboutcelosia.com](http://crazyaboutcelosia.com)





Celosia  
Coral Diamond

- Unique colour



Celosia  
Cristi Purple

- Intense colour



Celosia  
Purple Diamond

- Voluminous comb and intense reddish purple colour



Celosia  
Red Ace

- Strawberry red, large flower



Celosia  
Red Diamond

- Purplish red colour, with a highlight streak in the comb



Celosia  
Red King

- Intense red colour that flows into its stems as well

## Celosia Jack's

Celosia Jack's add a new appearance within the Celosia cristata. Jack's are characterised by a graceful, fringed comb and many colourful flowers along the stem. Thanks to Jack's filled stem, the beloved Celosia cristata becomes a real voluminous bouquet booster and is ideal for playful field bouquets.



Celosia  
Purple Jack



Celosia  
Red Jack



Celosia  
Scarlet Jack



# Specialties



Celosia  
Haute Couture

- Unique peachy blush



NEW

Celosia  
Pink Delight

- Spherical flower with velvety pink colour



NEW

Celosia  
Rose Delight

- Spherical flower with bright rose colour



Celosia  
Smashing

- Fiery red colour



NEW

Celosia  
Smashing Yellow

- Warm yellow flower, very robust stems



Celosia  
Solid

- Unique pinkish purple colour



Celosia  
Sunshine Reggae

- Sunny yellow orange



Celosia  
Turbo Lilac-Rose

- Extreme large flower comb



Celosia  
Turbo Rose

- Extreme large flower comb



Celosia  
Turbo Scarlet

- Extreme large flower comb



Celosia  
Unlimited Coral

- Extreme large, broad flower



Celosia  
Unlimited Pink

- Extreme large, broad flower



Celosia  
Wicked

- Bright purple colour

# Celosia argentea cristata — Cultivation manual

## Cut flower culture

**Culture location:** greenhouse  
**Sowing method** TP  
**Sowing season** mid winter to mid summer  
**Germ temp.** 20-22°C (68-72°F)  
**Growing temp.** 16-18°C (63-65°F)

**Plug crop time** 2 - 3 weeks

**Crop duration**  
8 to 13 weeks from planting,  
depending on series

**Seed requirement**  
1 seed per plug

**Pests/diseases**  
Aphids, thrips, Rhizoctonia, Botrytis.

**Fertilization (f)**  
Moderate requirement, low on N.  
Apply regularly.

## Sowing details

**Pre-sow and transplant (TP):**  
Initial sowing media: pH 5.8-6.2,  
EC 0.75 mmhos/cm  
Sow : 1 seed per plug (tray 288)  
Cover: no or light cover

**Days 0 - 7**  
(m) moist  
(t) 20-22°C (68-72°F)  
(l) light  
(f) < 100 ppm N, < 0.7 EC

**Days 8 - 12**  
(m) moist  
(t) 20-22°C (68-72°F)  
(l) 11.000-27.000 lux (1000-2500 fc)  
(f) < 100 ppm N, < 0.7 EC

**Days 13 - finish**  
(m) moist to normal  
(t) 20-22°C (68-72°F)  
(l) 27.000-54.000 lux (2500-5000 fc)  
(f) 100-175 ppm N, 0.7-1.2 EC

## Growing on

**Soil/media**  
Well-drained, moist, fertile soil  
5,8-6,2 pH, EC 1.0-1.5

**Netting**  
Netting is required.

**Pinching**  
Pinching is not advised.

**Plants density**  
Plant distance: 12,5 x 12,5 cm

**Moisture (m)**  
Keep soil constantly moist, especially in  
the first two weeks after transplant.

**Temperature (t)**  
Before bud formation: (day) 18-24°C (65-  
75°F) and (night) 16-18°C (63-65°F)  
Afterwards: (day) 16°C (61°F) and  
(night) 15°C (59°F).

**Light (l)**  
Facultative short day: flowers will  
initiate under short days. Optimum  
daylength is 12-13 hours for sufficient  
uniformity and stem length.

## Cultivation tips

- Celosia has a taproot. Avoid root disturbance and do not delay transplanting.
- Thrips affecting young flower buds are the main cause of malformed flowers..

## Notes

- Crop duration from planting to flowering depends on the culture and the choice of the series (see detailed product descriptions on [evanthia.nl](http://evanthia.nl)).

## Harvest

- Harvest when flowers are fully developed. For post harvest treatments, see: [www.vbn.nl/en/list-pre-treatments/](http://www.vbn.nl/en/list-pre-treatments/)

This information is for general guidance only, and is in some cases specific for North European conditions.  
No guarantee is given for the result of the crop, nor is liability accepted for the consequences of applying the indications given.