



code: 1490.Flamingo

1. Variety name : CELOSIA spicata Qis® Flamingo series

2. Description :
Cutflower with feathery flowers on upright slender stems. Used as fresh cutflower in warm/tropical areas and/or as beddingplant.

Due to its striking deep purple-red foliage Flamingo Purple is also very popular as foliage beddingplant.

3. General :

- a. colours : Feather: soft pink to white plumes, green stems and leaves
Purple: deep purple plumes, dark purple stems and leaves
- b. height : 90-120 cm
- c. life cycle : annual
- d. weight of 1000 seeds : 1 gr
- e. time sowing/flowering : 16 weeks
- f. family : Amaranthaceae

4. Sowing instructions :

- a. method : directseeding or transplant
- b. time : yearround (in warm areas with rather high light intensity)
- c. temperature : 22-24°C
- d. germination time : 10-20 days
- e. seed quantity or plants per m² : 0,3 gr per m² or 2 gr/1000 plants; 22-24 plants per m²

5. Growing on :

- a. distance between rows and/or plants : Glasshouse culture with pinching: 15x30 cm.
Directseeding 30 cm between rows; thin to 8-10 cm.
- b. soil : humous fertile soil, pH 6-6,5; high N-level
- c. irrigation : high moist level during germination; grow on the dry side
- d. optimum temperature : 14-20°C
- e. diseases : Aphids, mildew, Botrytis (in darker periods).
It is advised to watch for Phytophthora and if necessary spray with a fungicide.
PS Flamingo can be sensitive to herbicides and herbicide residue.
- f. fertilization : keep N-level high. Further the requirement is moderate.
It may be necessary to fertilize with N+P+K = 3+2+7 kg per 100 m², of which 30% is given after pinching and the remainder at intervals of 3-4 weeks as foliage fertilizer.

6. General advice :
- a. pinching : 3-5 weeks after emergence (to get 4-6 stems per plant)
 - b. support : netting is not necessary.
 - c. harvest stage : when the first plume has opened for 30-40%. Flower length will then be approx. 5 cm. When harvested too soon, the flowers tend to warp (bend).

 - d. harvest period : first cutting will be approx. 14-16 weeks after sowing. Harvest period is 6-8 weeks. After this the plants can be cut back for a second harvest.

 - d. general : Disbudding helps to promote side-branching. The colour is influenced by temperature. The cooler the night, the brighter rose the colour will be. Phosphate also influences the flower colour. When sown in darker periods, it needs supplementary light (14-15 hours a day continuous, 15 W per m²) and heating (13-16°C).

This information is based on West European conditions and is given for general guidance only. No guarantee is given for the result of the crop, nor is liability accepted for the consequences of applying above indications.