

Panicum Fontaine

Panicum virgatum

- Elegant ornamental grass
- Excellent basal branching, high yielding
- Great bouquet booster



Panicum virgatum Fontaine



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Fontaine

Panicum Fontaine is an elegant ornamental grass, recognisable by its airy panicles that fan out like a fountain.

Due to excellent basal branching, you will harvest many branches per plant. Because of its sturdy long stems with fresh green leaves and excellent vase life, Fontaine is great to use as a bouquet filler or as a playful ingredient in floral arrangements.



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Panicum virgatum Fontaine — Cultivation manual

Cut flower culture

Culture location: greenhouse/open field

Sowing method DS/TP

Sowing season early winter to mid summer

Germ temp.

Growing temp. 16-18°C (61-68°F)
> 15°C (59°F)

Plug crop time 5 - 6 weeks

Crop duration

12-16 weeks from sowing

Seed requirement

TP: 1 gr for 1000 plants

DS: 50 gr for 100 m² or 0,1 gr per m¹

Pests/diseases

Aphids, thrips, caterpillars, spider mites, although generally very healthy.

Fertilization (f)

Normal fertilization requirement with extra potassium (K) towards flowering. Panicum is sensitive to iron deficiency.

Sowing details

Direct sowing (DS):

Sow 0,1 gr per m¹ in rows 20 cm apart
(t) min. 15°C (59°F)

Pre-sow and transplant (TP):

Sow : 1 seeds per plug

Soil : well-drained fertile soil

Cover: cover seeds thinly and take care that the soil does not dry out.

Days 1 - 7

(m) moist

(t) min. > 15°C (59°F)

(l) optional:

100 – 1.000 lux (10 - 100 fc)

Days 8 - 18

(m) moist

(t) 15°C (59°F)

(l) 11.000-27.000 lux (1000-2500 fc)

(f) < 100 ppm N, < 0.7 EC

Days 19 - 35

(m) moist

(t) 16-18°C (61-64°F)

(l) 11.000-27.000 lux (1000-2500 fc)

(f) 100 to 175 ppm N, 0,7 to 1,2 EC

Growing on

Soil/media

well-drained fertile soil,
pH 5,8-6,2 and EC 1.2-1.5

Netting

Netting is advised.

Pinching

Pinching is not necessary.

Plants density

Row distance 20 cm.

25-32 planter/m²

Moisture (m)

Normal and regular irrigation is required.

Tepid irrigation water is preferred.

Temperature (t)

For sufficient growth the min. temperature is 15°C (59°F). Optimum temperature is 16-18°C (61-68°F).

Light (l)

In early and late season sowings supplemental lighting (150 W/m²) for 16 hours/day is required from germination to harvest.

Cultivation tips

- Greenhouse culture (NL):

Sow	plant	harvest
wk 52- 1	wk 7	wk 17-22
week 13	wk 19	wk 26-30
week 26	wk 31	wk 40-43

Notes

- Two or three cuts can be effected from early plantings (totally 25-30 stems). From a late season planting only one smaller harvest is possible.
- A too low relative humidity causes yellowing of the leaf edges and insufficient stem length.

Harvest

- Harvest when the inflorescence is open and still green.

For post harvest treatments, see:

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.