

Tanacetum parthenium

Matricaria

- Very broad range covering various colours and flower types
- Top varieties with strong uniformity, high quality stems and long vase life
- Plenty of options for yearround supply





Evanthia offers a very broad range of **Tanacetum parthenium** (a.k.a. Matricaria), covering various colours and flower types. Our active breeding programme for this product group focusses strongly on uniformity. This has resulted in several very successful varieties and exciting newcomers with outstanding characteristics. We give you plenty of options for a yearround supply of high quality product.

Flower profile:

Genus & species:	Helianthus annuus F1	Usage:	Ornamental; commercial cut flowers, bouquet filler
Stem length:	60 to 80 cm	Starting material:	Pelleted seed
Family:	Asteraceae		
Common name:	Matricaria		



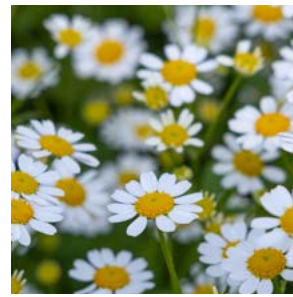
Amazone

- Bright yellow Tanacetum,
- Well-filled semi-circular flowers
- Good branching and rich flowering



Baya®

- Popular, scentless Tanacetum
- Abundance of well-filled, semi-circular, radiant white flowers
- The uniform, well-branched stems easily reach a length of 60-80cm



Campagne Imp.

- Single-flowered Tanacetum with a semi-circular golden yellow centre surrounded by brilliant white petals.
- Good branching, very rich flowering



Lima

- Robust, finely-built stems with many semi-spherical white flowers. Short cultivation period
- Throughout the year, Lima has a constant high quality



Orinoco

- Creamy white flower, semi-double / star-shaped
- Short cultivation period and consistent high quality
- Robust, slender stems that are well-branched and carry masses of flowers



Rio

- Radiant white, well-filled semi-circular flowers.
- Brings volume thanks to good branching and rich flowering.
- Relatively tall stems, reaches sufficient length easily
- Ideal summer variety



White Crown

- Scentless, semi-spherical white flowers
- Sturdy stems which form nicely branched clusters



Victory Single White

- The Tanacetum Victory series offers uniformity and rich flowering, with heavy, well-developed branches.
- Also available: Double Yellow, Summer Yellow and Queen White

Tanacetum parthenium — Cultivation manual

Cut flower culture

Culture location: plastic tunnel/open field

Sowing method TP

Sowing season yearround

Germ temp. 18-21°C (65-70°F)

Growing temp. depends on culture

Plug crop time 4 - 5 weeks (tray 288)

Crop duration

8 - 12 weeks from planting, with extra lighting

Seed requirement

0,5 gr for 1000 plants or 15 gr/100 m²

Pests/diseases

Crown rot (when temp. is too low after planting). Treat preventatively against leaf miners and other insects. When grown year round, avoid Pythium and Fusarium by soil steaming or preventative spraying.

Fertilization (f)

Normal fertilization, low on N and < 0,5 EC in order to avoid leafburn.
Irrigate well after fertilization.

Sowing details

Pre-sow and transplant (TP):

Initial sowing media: pH 5,5-6, EC 0,5

Sow : 1 seed per plug (tray 288)

Cover: no

Days 0 - 6

(m) wet

(t) 18-21°C (65-70°F)

(l) optional

(f) 50-75 ppm N, < 0.7 EC

Days 7 - 14

(m) normal to moist

(t) 18-20°C ((64-68°F)

(l) 16.000-27.000 lux (1500-2500 fc)

(f) < 100 ppm N, < 0.7 EC

Days 15 - 21

(m) normal to dry - normal

(t) 16-18°C (60-64°F)

(l) 16.000-27.000 lux (1500-2500 fc)

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

Growing on

Soil/media

Any well-drained fertile soil, pH 5,0-6,5, EC 0.5

Netting

Netting is advised.

Pinching

Pinching is not recommended.

Plants density

Summer: 80-86 plants/m² (9 pl/ft²)

Winter: 75 plants/m² (7 pl/ft²)

Moisture (m)

After planting irrigate abundantly. Dry plants quickly after irrigation to avoid Botrytis. Optimum relative humidity is 75%.

Temperature (t)

Day and night:

22-24°C (71-75°F) (summer)

13-15°C (55-59°F) (winter).

Good air circulation is important.

Light (l)

Min. 14 hours lighting required for flower initiation, solid or cyclic. See note. In summer greenhouse whitewashing is needed.

Cultivation tips

- Strong changes in humidity may cause leafburn
- In summer more stem length and branching can be achieved by spraying gibberellic acid (growth hormone). Administer 1 tablet per 70-100 litres at bud initiation stage, preferably in the evenings.

Notes

- Illuminate 3 hours before or 3 hours after midnight (light bulbs 15 watt/m² or SL light 2,5 watt/m²). This will speed up flowering by 8-10 days.
- In cooler climates Tanacetum is mostly cultivated in the greenhouse.

Harvest

- Baya and White Crown are scentless varieties. Harvest double-fl. strains when 70% (single-fl. 90%) of the flowers are open. Machine harvesting is possible. Tanacetum is not sensitive to ethylene.

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.