



KNAUTIA macedonica 'Melton Pastels'


[Watercolours]

Pincushion Plant

Item No.: KA035

Portion Price (sufficient for 50-100 plants)	1g Price (0.1-9.9g)	10g Price (10-99.9g)	100g Price (100-999.9g)	1000g Price (1000-9999.9g)	10000g Price (10000-99999.9g)
4,20€	4,20€	32,00€	256,00€	-	-

Plant Description

Life Cycle	Perennial
Family	Dipsacaceae
Origin	Central Europe
Special Features	Long blooming in a great array of colors. Makes a great accent plant in a container.
Basic Colour	(mixture)
Flower Colour	pink, wine-red, salmon and light blue pastel colours
Natural Flowering Period	June - September
Winter Hardiness Zones	Z5 - Z10
Foliage	deep green, dissected
Height with Flowers	120 cm
Spacing between Plants	40 cm
Soil Requirements	average
Location	
Usage	suitable for cutting

Cultivation

Grams per 1000 seeds	4.54545 Gram
Seeds per Gram	220 (does not correspond to the number of plants!)
Gram to get 1000 plants	20 Gram (if sown directly into pots etc. you will need a larger quantity)
Sowing Rates/Trays	4 per cell
Plug tray recommended size(s)	72



Sowing Direction

(16) See 15 with the exception of germination being slower and more irregular. This poses no problems.

(15) Rapidly germinating, keep seed in constant moisture (not wet) with temperatures of about +20°C [68°F]. Seeds must be covered thinly. Do not cover very small seeds, but tightly press into the earth. Keep in cooler conditions after germination occurs.

Scheduling

Best Sowing Date

summer - autumn (northern Hemisphere, Field condition)

Sowing to Germination

3 - 8 weeks

Germination to Transplant

3 - 5 weeks

Transplanting to Potting

4 - 6 weeks

Cutting back at Transplanting

Cut back 1-2 times; once at transplanting; once again 4 weeks later to keep more compact.

Growing On

Container Size(s)

1 plug per 8/9 cm (3 1/2") / 1-2 plugs per 11/12 cm (4 1/2") / 2-3 plugs per 15 cm (6")

Vernalization

There is no current research on vernalization but a prudent recommendation for any perennial would be 6-12 weeks (a few might need 15 weeks!) at an average daily temperature of 40°F (5°C). Exposure to cold may not be necessary for flowering but might improve quality.

Forcing

There has been no research, but an obvious place to experiment - following vernalization - would be raising daytime temperatures to 60° - 65°F (15° - 17°C). Provide 16 hours of continuous lighting. During the short days of winter, provide a night interruption lighting of 4 hours between 10:00 p.m. and 2:00 a.m. Some later flowering species can be forced in 14 - 16 weeks and perhaps sooner at warmer temperatures. Further experiments are warranted.

Fertilizer

Medium (150-200 ppm)