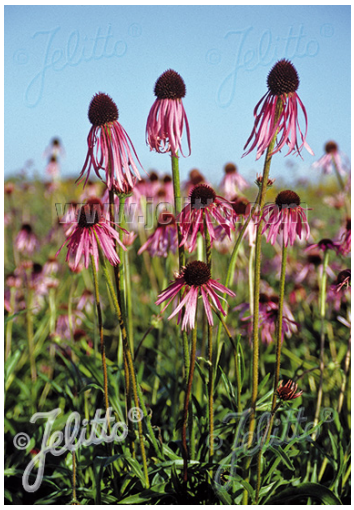

ECHINACEA pallida

Pale Coneflower

Item No.: EA004

Also available as: Organic seed

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)
2,00€	2,00€	14,00€	68,00€	340,00€	-

Plant Description

Life Cycle	Perennial
Family	Asteraceae
Origin	Midwestern United States
Special Features	Unusual narrow drooping pale-pink petals. With whitish pollen. Cutflowers keep well.
Basic Colour	(pink / salmon)
Flower Colour	pale rose
Natural Flowering Period	July - September
Winter Hardiness Zones	Z3 - Z8
Foliage	dark green, roughly hairy, lanceolate
Growth Habit	upright, erect
Height with Flowers	80 cm
Spacing between Plants	80 cm
Soil Requirements	average
Location	☼
Characteristics	medicinal plant
Usage	honey-bee food plant

Cultivation

Grams per 1000 seeds	4.7619 Gram
Seeds per Gram	210 (does not correspond to the number of plants!)
Gram to get 1000 plants	15 Gram (if sown directly into pots etc. you will need a larger quantity)
Sowing Rates/Trays	3 per cell

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Plug tray recommended size(s)	72 / 128
Sowing Direction	(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	late autumn - early spring (northern Hemisphere, Field condition)
Sowing to Germination	4 - 8 weeks
Germination to Transplant	4 - 8 weeks
Transplanting to Potting	6 - 10 weeks
Cutting back at Transplanting	Not Necessary.

Growing On

Container Size(s)	1-2 plugs per 11/12 cm (4 1/2") / 2-3 plugs per 15 cm (6")
Vernalization	Some flowering will occur the first year without vernalization, but improved flowering will occur the 2nd year; and 3-10 weeks of cool temperatures might benefit fuller flowering in the first year.
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	Light (100-150 ppm)

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