




PENSTEMON hirsutus var. pygmeus f. albus

Item No.: PA231

Also available as: GOLD NUGGET 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)
6,00€	12,00€	96,00€	768,00€	-	-

Plant Description

Life Cycle	Perennial
Family	Scrophulariaceae
Origin	Species grows (USA): Tennessee to Wisconsin eastwards to New England
Special Features	Very compact habit and dainty flowers. Diminutive size is ideal for planting terraced rock walls.
Historical	Introduced by JELITTO PERENNIAL SEEDS in 2006.
Basic Colour	(white / cream)
Flower Colour	pure white
Natural Flowering Period	June - August
Flowering	Second year flowering
Winter Hardiness Zones	Z3 - Z8
Foliage	tiny hairs, oblong to lanceolate
Growth Habit	compact / low-growing
Height with Flowers	15 cm
Spacing between Plants	25 cm
Soil Requirements	dry / well-drained / average
Location	
Usage	for the rock garden

Cultivation

Grams per 1000 seeds	0.08696 Gram
Seeds per Gram	11500 (does not correspond to the number of plants!)
Gram to get 1000 plants	2 Gram (if sown directly into pots etc. you will need a larger quantity)



Sowing Rates/Trays	10 - 12 per cell
Plug tray recommended size(s)	72 / 128
Sowing Direction	(8) These perennial seeds germinate very irregularly over a long period. Lower temperatures of less than +5°C [41°F] are very effective. Seed trays should not be discarded prematurely. Constant moisture must be maintained. Do not leave in direct sunlight. For Alstroemeria we recommend to keep sowing for 3 weeks at approximately +30°C [86°F], then 3 weeks at +5°C [41°F], then at +21°C [70°F].

Scheduling

Best Sowing Date	late autumn - early spring (northern Hemisphere, Field condition)
Sowing to Germination	6 - 10 weeks
Germination to Transplant	3 - 4 weeks
Transplanting to Potting	6 - 8 weeks
Cutting back at Transplanting	Not Necessary.

Growing On

Container Size(s)	1 plug per 8/9 cm (3 1/2") / 1-2 plugs per 11/12 cm (4 1/2")
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	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.
Fertilizer	Light (100-150 ppm)