




PENSTEMON hirsutus var. pygmeus f. albus

Item No.: PG231

Also available as: Normal Seed

Plant Description

Article Type	GOLD NUGGET SEED ®
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	0.08 Gram
Seeds per Gram	12500 (does not correspond to the number of plants!)



Sowing Rates/Trays	4 - 5 per cell
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	Anytime (northern Hemisphere, Field condition)
Sowing to Germination	3 - 4 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)