






## PRIMULA sieboldii

Woodland Primula

Item No.: PG898

Also available as: Normal Seed

### Plant Description

<b>Article Type</b>	GOLD NUGGET SEED ®
<b>Life Cycle</b>	Perennial
<b>Family</b>	Primulaceae
<b>Origin</b>	Japan, Korea, Russia and China
<b>Distinction</b>	Award of Garden Merit (A.G.M.) from the Royal Horticultural Society.
<b>Special Features</b>	A lovely, hard-to-find, award-winning species for the woodland's edge. Early dormant foliage.
<b>Historical</b>	Species named for German born physician, Phillip Franz von Siebold (1796-1866) who, while teaching medicine in Japan, collected over 1,000 botanic accessions.
<b>Basic Colour</b>	(white / cream / pink / salmon / red / scarlet / purple)
<b>Flower Colour</b>	white, pink or purple
<b>Natural Flowering Period</b>	May - June
<b>Winter Hardiness Zones</b>	Z4 - Z7
<b>Foliage</b>	fuzzy, roundish to oblong, lobed, pale green
<b>Growth Habit</b>	clumping / dense
<b>Height with Flowers</b>	25 cm
<b>Spacing between Plants</b>	30 cm
<b>Soil Requirements</b>	moist / humus rich, fertile / cool
<b>Location</b>	  
<b>Usage</b>	for the rock garden / suitable for cutting

### Cultivation

<b>Grams per 1000 seeds</b>	0.24096 Gram
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<b>Seeds per Gram</b>	4150 (does not correspond to the number of plants!)
<b>Sowing Rates/Trays</b>	2 - 3 per cell
<b>Plug tray recommended size(s)</b>	open flats / 72 / 128
<b>Sowing Direction</b>	(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

<b>Best Sowing Date</b>	Anytime (northern Hemisphere, Field condition)
<b>Sowing Time Hint</b>	Varying temperatures beneficial, day 24 °C, night 15 °C.
<b>Sowing to Germination</b>	3 - 4 weeks
<b>Germination to Transplant</b>	4 - 6 weeks
<b>Transplanting to Potting</b>	6 - 8 weeks
<b>Cutting back at Transplanting</b>	Not Necessary.

## Growing On

<b>Container Size(s)</b>	1 plug per 8/9 cm (3 1/2") / 1-2 plugs per 11/12 cm (4 1/2")
<b>Vernalization</b>	A prudent recommendation would be to provide 6-12 weeks at an average daily temperature of 40 °F (5 °C). Exposure to cold may not be necessary for flowering but might improve quality.
<b>Forcing</b>	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.
<b>Fertilizer</b>	Medium (150-200 ppm)