



AQUILEGIA vulgaris



Columbine, Granny's Bonnet

Item No.: AA776

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€	112,00€	-	-

Plant Description

Life Cycle	Perennial
Family	Ranunculaceae
Origin	Western, Central and Southern Europe; naturalized in North America
Special Features	Violet-blue flowers held high above the foliage. Cut flowers are a wonderful addition to bouquets. Plant of the Year 1985 in Germany.
Basic Colour	(blue)
Flower Colour	blue
Natural Flowering Period	May - June
Winter Hardiness Zones	Z3 - Z8
Foliage	rounded, multi-lobed, grey-green
Growth Habit	cushion-forming / lax
Height with Flowers	50 cm
Spacing between Plants	40 cm
Soil Requirements	well-drained / average
Location	 
Characteristics	toxic plant / medicinal plant
Usage	suitable for cutting

Cultivation

Grams per 1000 seeds	1.66667 Gram
Seeds per Gram	600 (does not correspond to the number of plants!)
Gram to get 1000 plants	5 Gram (if sown directly into pots etc. you will need a larger quantity)
Sowing Rates/Trays	3 per cell



Plug tray recommended size(s)	128 / 288
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	winter - □early autumn (northern Hemisphere, Field condition)
Sowing to Germination	2 - 3 weeks
Germination to Transplant	3 - 4 weeks
Transplanting to Potting	4 - 6 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") / 2-3 plugs per 15 cm (6")
Vernalization	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.
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	Medium (150-200 ppm)