




ALCEA (ALTHAEA) rugosa

Russian Hollyhock

Item No.: AA310

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)
3,50€	2,20€	15,00€	120,00€	-	-

Plant Description

Life Cycle	Perennial
Family	Malvaceae
Origin	Moldova to Azerbaijan
Special Features	Exceptional clear yellow blossoms, single, more disease resistance. A species whose popularity has grown tremendously in the last few years.
Basic Colour	(yellow / gold)
Flower Colour	clear yellow
Natural Flowering Period	May - September
Winter Hardiness Zones	Z3 - Z9
Foliage	orbicular to cordate, deeply lobed
Growth Habit	erect
Height with Flowers	200 cm
Spacing between Plants	90 cm
Soil Requirements	well-drained / average
Location	
Characteristics	solitary plant
Usage	honey-bee food plant / suitable for cutting

Cultivation

Grams per 1000 seeds	5.26316 Gram
Seeds per Gram	190 (does not correspond to the number of plants!)
Gram to get 1000 plants	20 Gram (if sown directly into pots etc. you will need a larger quantity)
Sowing Rates/Trays	3 - 4 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 Time Hint	Varying temperatures beneficial, day 24 °C, night 15 °C.
Sowing to Germination	4 - 8 weeks
Germination to Transplant	4 - 8 weeks
Transplanting to Potting	6 - 10 weeks
Cutting back at Transplanting	Cut-back once to keep more compact.

Growing On

Container Size(s)	1-2 plugs per 11/12 cm (4 1/2") / 2-3 plugs per 15 cm (6")
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	Medium (150-200 ppm)