



## ALCEA Ficifolia-Hybr.

[Happy Lights]


Hollyhock

Item No.: AT280

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)
4,20€	5,00€	35,00€	245,00€	1.760,00€	-

## Plant Description

<b>Article Type</b>	JET® pure seed
<b>Life Cycle</b>	Perennial
<b>Family</b>	Malvaceae
<b>Origin</b>	Cultivar
<b>Special Features</b>	Mixture, single flowers, perennial. Breeding work with ALCEA rosea resulted in stronger, healthier hollyhocks in lovely single colors. Hollyhocks are one of the most cherished garden plants.
<b>Basic Colour</b>	(mixture)
<b>Flower Colour</b>	mixture of yellow, copper, pink, red and white
<b>Natural Flowering Period</b>	May - October
<b>Winter Hardiness Zones</b>	Z3 - Z9
<b>Foliage</b>	lobed, fig-leaved
<b>Growth Habit</b>	upright, erect
<b>Height with Flowers</b>	180 cm
<b>Spacing between Plants</b>	75 cm
<b>Soil Requirements</b>	well-drained / average
<b>Location</b>	
<b>Characteristics</b>	solitary plant
<b>Usage</b>	honey-bee food plant / suitable for cutting

## Cultivation

<b>Grams per 1000 seeds</b>	6.66667 Gram
<b>Seeds per Gram</b>	150 (does not correspond to the number of plants!)



<b>Gram to get 1000 plants</b>	12 Gram (if sown directly into pots etc. you will need a larger quantity)
<b>Sowing Rates/Trays</b>	3 per cell
<b>Plug tray recommended size(s)</b>	72 / 128
<b>Sowing Direction</b>	(9) These seeds germinate rapidly depending on species and origin. If germination does not occur after 3–4 weeks a cooling period of 2–4 weeks is recommended.

## Scheduling

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

## Growing On

<b>Container Size(s)</b>	1-2 plugs per 11/12 cm (4 1/2") / 2-3 plugs per 15 cm (6")
<b>Vernalization</b>	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.
<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)