




IRIS laevigata

Iris

Item No.: IA122

Portion Price (usually sufficient for approx. 50 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€	5,20€	38,00€	-	-	-

Plant Description

Life Cycle	Perennial
Family	Iridaceae
Origin	China, Japan, Korea, Manchuria: swamp, shores, wet areas.
Distinction	Award of Garden Merit (A.G.M.) from the Royal Horticultural Society.
Special Features	Proven water plant. Easy to cultivate with sufficient moisture. Tolerates temporary flooding. Forms horizontal rhizomes. Suitable for natural landscaping.
Basic Colour	(blue)
Flower Colour	blue
Natural Flowering Period	July - August
Winter Hardiness Zones	Z5 - Z8
Foliage	entire, linear, tapering, green
Growth Habit	rhizomatous
Height with Flowers	80 cm
Spacing between Plants	30 cm
Soil Requirements	moist / boggy / humus rich, fertile
Location	
Usage	suitable for cutting / water or marshplant

Cultivation

Grams per 1000 seeds	18.18182 Gram
Seeds per Gram	55 (does not correspond to the number of plants!)
Gram to get 1000 plants	30 Gram (if sown directly into pots etc. you will need a larger quantity)

Sowing Direction

(1) Cold-germinators are still referred to as frost-germinators, although this isn't quite correct. The sowing must be kept warm (about +18 to +22°C) [about 64 to 72°F] and moist for the first 2–4 weeks. After this period the sowing must be kept at a cold temperature (between –4 and +4°C) [between 25 and 39°F] for another 4–6 weeks. Colder temperatures of –5°C [23°F] are only advantageous for most species of the Ranunculus family. It is not so important if the temperature is higher or lower during the cooling period, but the cooling period has to be prolonged because the synthesis of the germination inducer, hormon-like acid, slows down or comes to a standstill. It is beneficial to cover the sowing with snow during the cooling-period. The temperature below it usually keeps in the optimum range of –4 to 0°C [25 to 32°F]. The sowing is kept moist, and the melting snow helps to destroy the shell, which is advantageous for the germinating seedling. After this cooling-period the sowing may not be immediately exposed to high temperatures. The most effective temperatures are between +5 to +12°C [41 to 54°F], even if germination has started. The best location for this sowing, even in March, April and May, is the open field, the cold frame or a cold greenhouse.

(10) For these bigger hard-shelled seeds, mechanical damaging of the shell is helpful for quicker swelling. One method is to grind the seed in dry sharp sand. They can also be treated for several hours in a “softener” (Polyethylenglycol 6000), which is used for the production of plastic material.