

Ranunculus asiaticus nanus



F1 Bloomingdale II

The new generation of the popular Bloomingdale series. The grower's favourite is now even better! Available in 6 striking colours, all compact varieties with a uniform plant habit. The new Bloomingdale II series needs less PGR and has a uniform flowering time between the colours.

- ✿ A broad range of bright, unique colours
- ✿ Low heat requirement crop suitable for 10-12 cm pot production
- ✿ Very large, fully double flowers on short, sturdy stems
- ✿ Dwarf plants with small foliage, flower colour really stands out



	Biennial		Bedding Plant
	Patio, bedding and mixed combo		Shade
	Upright		1,300/gram
	30 cm		Normal and coated
	20 cm		10.5-12 cm

Culture Guide

Plug Culture

- Stage 1** (days 1-7) Use a sterilized soil media into plug cell with plenty of organic matter, a mixture of 30% peat and 70% perlite has been found to be highly efficient and accelerates germination and seeding growth. Cover seeds with a very thin layer of soil or a 50/50 peat/perlite mixture and water thoroughly. A pH of 6.0 to 6.5 is recommended for best results. Place in a germination chamber or select a well-ventilated place and avoid strong sunlight. Place seed flats in the coolest possible location in the greenhouse or climate chamber, 5-10°C (days 8-12) raise temperature to 15°C. Do not allow growing media to dry out during germination stage.
- Stage 2** (days 12-21) After seedlings begin to emerge, reduce moisture and place flats in a well-ventilated and shaded greenhouse (16,000 lux). Maintain 13-16°C during the day and 10°C at night, if possible. Apply a light fertilizer of 100 ppm N to strengthen the seedlings. Provide < 11.5 hours day length to avoid too early bud initiation.
- Stage 3** (days 22-42) Maintain cool greenhouse conditions and do not allow air temperatures to exceed 25°C during this period. Ranunculus is sensitive to excess salt levels, so avoid stressing the plants with high temperatures and low moisture levels. Fertilize every 10 days with 100-150 ppm N and maintain EC levels between 0.7 to 1.0 mmhos (1:2 slurry).
- Stage 4** (days 43-56) Seedling have developed 4 true leaves and are now ready for transplanting into cut flower beds. Ranunculus become reproductive at the fourth true leaf stage. Do not delay transplanting. Late transplanting creates smaller plants with poor foliage and plant body development.

Pack & Pot Culture

- In general** Transplant the seedlings in 10-12 cm pots (1 plant per pot) or 4 liter containers (3 plants per pot).
- Media** Use a well-drained soil with a pH of 5.5-6.5.
- Transplanting** When seedlings reach the fourth true leaf stage, transplant them into pots.
- Temperature** Optimum production temperature is 15°C days and 10°C nights. In the darkest period of the year temperature may drop to 6°C.
- Fertilizer** Ranunculus requires high nutrition and one should either incorporate fertilizer into the potting medium or apply a commercial liquid feed every 7-10 days. Optimum EC is 1.0-1.2 (1:2 slurry).

Lighting	Grow plugs and young plants under short day conditions (<11,5hours) unless black out cloth is used. Growers often wish to produce an early crop of Ranunculus implementing germinating and growing young plants in the heat and long days of Summer.
Growth regulators	At high temperatures, both stems and leaves may show excessive growth. Applications of B-Nine (daminozide) at 0.25%/2,500 ppm yields good results. Apply B-Nine on bright sunny mornings when soil is relatively dry when first show buds.
Pests & diseases	Major diseases include Wilt, Botrytis and Powdery Mildew, all of which can be controlled by a preventive spray program. Good culture and nutrition will create healthy plants that are less susceptible to disease.
Crop schedule	Production schedule of Ranunculus Bloomingdale requires 22-24 weeks, depending on location and average daily temperature.

All information given is intended for general guidance only and is believed to be accurate. Cultural details are based on Northern Hemisphere conditions and Sakata cannot be held responsible for any crop damage related to the information given herein. Application of recommended growth regulators and chemicals are subject to local legislations and manufacturer's label instructions.