

Viola x wittrockiana F1 Supreme



Supreme, the medium sized Pansy series ideal for landscaping – programmable year-round, not day-length sensitive and flowering under a wide range of temperatures.

- * For packs and pots
- * Non-stretching, basal branching plants
- * Good response to PGR
- * Uniform between and within the colours
- * Multi-flowering
- * Excellent weather tolerance
- * Great garden performance

	Annual		Bedding Plant
	Bedding + mixed combo		Half shade + full sun
	Upright		800/gram
	15 cm		Normal
	20 cm		Pack, pot 9 cm



Culture Guide

Plug Culture

- Stage 1** (days 1-7) Sow pansy seed in a well-aerated plug mix with a pH between 5.5 and 5.8, and cover lightly with a medium or coarse vermiculite. After sowing, water the plug flats well and maintain a soil temperature of 18 C. When using a germination chamber maintain 100 % relative humidity and remove plug trays when the seed coat is cracked.
- Stage 2** (days 7-14) Maintain temperatures at 18°C, if possible, and provide good air flow. Light levels should be maintained up to 32,000 lux, without causing heat or water stress. When seedlings begin to appear in the tray, lightly fertilize with 75 ppm of N from a well-balanced fertilizer containing trace element. After the initial feed, begin fertilizing with 100 ppm of N. A Calcium nitrate-based fertilizer works well to build strong compact plants.
- Stage 3** (days 15-25) Maintain soil pH between 5.5 and 5.8. and maintain an EC of 0.8-1.0 (1:2 slurry). Ideally, seedlings should be given high light levels to reduce stretching. If plant height control is needed, B Nine (Daminozide) and Cycocel are effective.
- Stage 4** (days 26-30) Plug flats are approaching market size, before shipping plugs in a box apply PGR when needed to control stretching. Reduce fertilizer to tone the plants and prepare them for transplanting. Never delay transplanting into pot.

Pack & Pot Culture

- Media** Transplant plugs into a well-aerated soil mix with a pH between 5.5 and 5.9.
- Transplanting** Transplant one plug in a 10 cm pot, 3 plugs in a 15 cm pot. Avoid planting the plugs too deep to prevent stem rot.
- Temperature** Un-heated house: For the first two weeks after potting, keep 15-18°C to stimulate root growth. Then, maintain temperatures as cool as possible. Over-Winter under frost free conditions (minimum temperature 3-5°C). Forcing at 10-12°C.
- Fertilizer** Fertilize with 150-200 ppm of N from a well-balanced fertilizer to ensure a healthy start. Violas and pansies are sensitive to boron deficiency characterized by deep green foliage, crinkled foliage and tip abortion. It is recommended to supply 0.25 of boron at each watering. Be sure to check the boron level in your water supply to avoid oversupplying this micro-element.
- Lighting** Provide high light, up to 75,000 lux, and shade only to control high temperatures.

Growth regulators	During the early Autumn season under warm temperature condition: By providing optimum temperatures, high light, good ventilation and low ammonium will help to produce compact plants. B-Nine (daminozide), Cycocel, Bonzi can be used as growth regulator.
Pests & diseases	Major root diseases include Pythium, Phytophthora and Thielaviopsis. Thielaviopsis or Black Root Rot is often a problem early in the season when temperatures are high. Research has shown that the disease is checked at a pH of 5.5 or lower.
Crop schedule	Crop timing 10 cm pots: 5-6 weeks from transplanting. 15 cm pots: 6-7 weeks from transplanting. In late Summer under high light and warm temperature conditions, reduce crop time by 1-2 weeks.

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.