

Viola wittrockiana F<sub>1</sub>  
**Cats® Plus**

## New Cats® Plus Series

New  
2022

Be...  
Green

- Completely new genetics
- Five striking colors & flower patterns with whiskers
- Up to 10 days earlier than current Cats® series
- Improved habit, earliness and branching
- Possible to grow next to Inspire® Plus

# New Cats® Plus are Available Now!

## BREAKING “NEWS”

A late introduction for 2022 will be an improved version of our Cats® series. These have the same great “whiskers” as our original Cats® series, but are much easier to grow. Due to an improved earliness, habit and better branching, you can grow them next to Inspire® Plus. Guaranteed!



**X0585 / E**  
Blue & Yellow



**X0535 / E**  
Marina



**X0595 / E**  
Purple & White



**X0525 / E**  
Yellow



**X0575 / E**  
White

## Technical Information

### Plug culture

**Minimum Germination Rate:** 90%

**Seed Form:** Raw & BeGreen Primed

**Germination:** 2-4 days

**Sowing method:** 1 seed per plug, cover lightly with vermiculite

**Media:** pH 5.5-5.8, EC < 0.5

**Temperature:** 65-68°F (18-20°F) until root emergence, then lower to 62-65°F (17-18°C).

**Moisture:** Begin with saturated media (5) for days 1-5, then reduce to moist (3) on day 6. Once cotyledons expand the moisture level can be decreased further to medium (2) on day 9. After day 9, alternate between wet (4) and medium (2) between waterings for remainder of crop.

**Humidity:** 95-100% until day 5; then reduce to 40-60% for remainder of crop. Provide proper ventilation and horizontal airflow to improve oxygen levels in the media.

**Light:** If using a germination chamber providing a light source of 10-100 ft. candles (100-1,000 lux) will improve germination and overall quality. On day 6-7 light levels can be increased to 6-8 mols/day, 2,000-2,500 ft. candles (20,000-25,000 lux).

Crop Times	
288 tray	4-5 wks
Packs (from 288 tray)	4-5 wks
10 cm pots (from 288 tray)	5-6 wks

### Growing on

**Fertilizer:** Begin feeding early on day 5-7 using a calcium based fertilizer (14-2-14, 13-2-13, 15-5-15, 17-5-17) at 50-60 ppm. Maintain the EC between 0.5 and 0.75.

**Transplant Ready:** 5-6 weeks from sowing using a “288” plug tray. Under optimal conditions plugs are ready at 5 weeks.

**Media:** pH 5.5-5.8, EC 1.25-1.5

**Light:** Provide 14-22 mols/day, 4,000-6,000 ft. candles (35,000-50,000 lux). Higher irradiance + longer daylength will enhance flowering.

**Temperature:** 68-70°F (18-19°C) days for the first 14 days or until the roots reach the bottom of the container. Thereafter temperatures may be lowered to 62-65°F (16-18°C) day and night. An ADT (average daily temperature of 67°F (19°C) will give the fastest finished crop, while cooler temperatures may extend crop time.

**Fertilizer:** Fertilize with a calcium based feed at 100-150 ppm as needed. Keep EC below 1.5 to help prevent root problems.

**Fungicide:** Apply fungicides as needed to control root and leaf diseases. Follow the labels recommended rates. Preventative drenches for Thielaviopsis during plug stages may be required.

**Common Diseases:** Botrytis, Alternaria leaf spot, downy mildew, Thielaviopsis root rot, and Cercospora leaf spot.

**Pests:** Primarily aphids and thrips.

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