

Viola wittrockiana F₁
Inspire® Plus

Increase Your Profits with Inspire® Plus



Inspire® Plus Light Blue



Inspire® Plus Orange

Viola wittrockiana F₁
Inspire® Plus



White
 X 0295 / E



White Blotch
 X 0385 / E



Lemon
 X 0225 / E



Lemon Blotch
 X 0175 / E



Yellow
 X 0235 / E



Yellow Blotch
 X 0205 / E



Yellow Purple Wing
 X 0255 / E



Fire Surprise
 X 0085 / E



Orange
 X 0275 / E



Orange Blotch
 X 0285 / E



Pink Shades
 X 0435 / E



Red Blotch
 X 0315 / E



Scarlet
 X 0325 / E



Marina Lavender
 X 0193 / E



Lavender Blotch Shades
 X 0185 / E



Violet
 X 0475 / E



Violet Face
 X 0355 / E



Metallic Blue Blotch
 X 0425 / E



Light Blue
 X 0405 / E



Marina
 X 0195 / E



True Blue
 X 0245 / E



Beaconsfield
 X 0115 / E



Blueberry Lemon
 X 0157 / E



Blue Blotch
 X 0155 / E



Blue Velvet
 X 0165 / E



Most Advanced Breeding in Large-Flowered Pansies

- Ideal for spring and fall production
- Uniform flower timing and habit across the series
- Short flower stems, compact plants – no stretching!
- Outstanding seedling quality
- BeGreen Primed – chemical free and eco-friendly

Inspire® Plus Mixes – Great for Spring or Fall



Blotch Mix
X 0491 / E



Blueberry Pie Mix
X 0486E



Clear Mix
X 0490 / E



Jack-O-Lantern Mix
X 0489E



Limoncello Mix
X 0485E



Mardi Gras Mix
X 0483E



Summer Skies Mix
X 0487E



Sunny Day Mix
X 0482E



Sun 'n Surf Mix
X 0481E



Maxi Mix
(incl. all colors)
X 0480 / E



Inspire® Plus Orange Blotch



Inspire® Plus Violet Face & Yellow

Technical Information

Product Use: Packs, pots, mixed containers and landscape/mass plantings

PLUG CULTURE

Germination: Maintain optimal conditions for seedling development, should begin on the day of sowing until root emergence. Expect root emergence in 2-4 days.

Cover: Cover lightly with a thin layer of coarse vermiculite.

Sowing method: 1 seed per plug

Media: pH 5.5-5.8, EC < 0.5

Temperature: Maintain 18-20 °C until root emergence, then lower the temperature gradually to 17-18 °C.

Moisture: Begin with saturated (5) for days 1-5 and then reduce to a moist (3) on day 6. As the seedlings become fully developed with expanded cotyledons the moisture level can be decreased further to a medium (2) on day 9. At this point alternate between a wet (4) and a medium (2) between watering.

Humidity: 95-100 % until day 5; then reduce to 40-60 % to prevent hypocotyl stretch. Provide proper ventilation and horizontal airflow to improve oxygen levels in the media.

Light: Light is not necessary for germination to occur. If using a germination chamber providing a light source of 10-100 ft. candles (100-1,000 lx) will improve germination and overall quality. Going into the second stage of germination, on approximately day 6-7 the light levels can be increased to 6-8 mol/m²/day, 2,000-2,500 ft. candles (20,000-25,000 lx). This is after germination is finished.

Fertilizer: Begin feeding early using a calcium-based fertilizer at lower rates to keep an adequate amount of calcium and nitrogen supplied to the seedlings. On days 5-7 begin feeding with a calcium-based fertilizer (14-2-14; 13-2-13; 15-5-15 or 17-5-17) at 50-60 ppm. Maintain the EC between 0.5 and 0.75. Keep phosphorous levels between 6-8 ppm and boron supplied at 0.5 ppm.

GROWING ON

Media: pH 5.5-5.8; keep the pH in the lower range; EC 1.25-1.5.

Light: Provide 14-22 mol/m²/day (4,000-6,000 ft. candles or 35,000-50,000 lx).

Temperature: Maintain 20-21 °C nights, 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 16-18 °C day and night. An ADT (average daily temperature) of 19 °C will give the fastest finished crop.

Fertilizer: Fertilize with a calcium-based feed 14-4-14, 15-5-15 or 17-5-15 at 100-150 ppm as needed. Phosphorus levels should be between 8-12 ppm and boron between 0.5-0.75. Keeping the EC below 1.5 will help prevent root problems.

Growth Regulators: B-Nine (daminozide) used as a spray at 2,500-5,000 ppm, A-Rest (ancymidol) used as a spray at 3-4 ppm. At times tank mixes are used combining B-Nine and A-Rest and B-Nine with Cycocel (chlormequat chloride). These combinations tend to give longer lasting effects. For specifics on these and other growth regulators please contact a Benary representative.

Fungicide: Apply fungicides as needed to control root and leaf diseases. Follow the labels recommended rates.

Common Diseases: Botrytis, alternaria leaf spot, downy mildew, thielaviopsis root rot and cercospora leaf spot.

Pests: Primarily aphids and thrips.

Post Harvest: Fertilize with potassium nitrate at 150 ppm 1-2 weeks

Plug Crop Time	
288 tray	5-6 wks
Finished Crop Time (from 288 tray)	
Fall: Potting Date	wk 31-37
Fall: Sales Window	wk 36-44
Spring: Potting Date	wk 41-45
Spring: Sales Window	wk 8-12

				
Inspire® Plus	Spring: 25-26 wks	15-20 cm	Sun	Raw & BeGreen Primed
	Fall: 10-12 wks	15-20 cm	Sun	Raw & BeGreen Primed

Find detailed tech info in our Technical Guide.

All information is based on our own trials and would therefore be as guideline only. Detailed cultivation aspects vary depending on climate, location, time of year and environmental conditions. Benary expressly disclaims any responsibility for the content of such data / information and makes no representation or warranty for the cultivation of any products listed. It is recommended that growers conduct a trial of products under their own conditions.

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