Magnum

F1 Pansy

Magnum® performs for the grower, retailer and the consumer. Its compact early flowering, branching habit is maintained in hot or cold temperature extremes and low light providing full flower performance season long. Its
large flowers are carried on short stems above a well branched, full bodied yet compact plant. Magnum® is particularly attractive in a 4" (10cm) pot.
Uniquely designed to remain compact but freely branching, Magnum® resists stretching even at higher temperatures.

Seed Form	Natural, Primed
Seed Count	21,500/oz - 760/g
Garden Height	8 - 10" (20 - 25cm)
Garden Spread	10" (25cm)
Flower Size	3" (8cm)

Beaconsfield PAN571

Blue Blotch PAN584

Clear Blue PAN573

Lilac Shades PAN586

Orange PAN576

Orange Blotch PAN592

Pink Shades PAN587

Porcelain Blue Shades PAN583

Primrose PAN577

Pure White PAN590

Purple PAN585

Purple Bicolour PAN588

Red Blotch PAN574

Red Wing PAN579

Rose Blotch PAN578

Scarlet Shades PAN582

White Blotch PAN581

Yellow PAN575

Yellow Blotch PAN580

Magnum Mixed PAN570

Pink Shades PAN587

easy grow guide

pansy magnum

(F1 viola xwittrockiana)

floranova
creative plant breeding

Plug Production: 512 or 288 plugs

Sowing/Media:	Use a well-drained, disease-free, peat based plug medium with pH 5.5-5.8, EC 0.75mmhos. Cover seed with coarse vermiculite
Germination Stage 1: (4-5 days)	Keep medium uniformly moist, media temperature should be 65-70°F (18-21°C), Keep light levels <1500 f.c. until cotyledons are open.
Germination Stage 2:	Dry down covering slightly to improve rooting and control floppiness, maintain media temperature at 65-70°F (18-21°C), once cotyledons have opened light levels should be 1500-2000 f.c.
Germination Stage 3:	Allow media to dry further between irrigations, practice a good wet/dry cycle but avoid wilting, media temperature should be 65-68°F (18-20°C), light levels should be around 3000 f.c. with shading in hot weather Fertilize every other watering with 100-150ppm N (nitrate form) from 15-5-15, 17-5-17, or 13-2-13 keep media pH at 5.5-5.8 and EC at 1.0-1.5mmhos.
Germination Stage 4:	Keep media on the drier side and lower media temperature to 60-62°F (15-17°C), light levels can be increased to 3000-4000 f.c. if possible. Fertilize as stage 3, avoid using high NH4 fertilizers but make sure pH is below 6.5.
Growth Regulators:	Use sprays of B-Nine (1500–2500 ppm), A-Rest (2–7 ppm), B-Nine (1000–2500 ppm) + Cycocel (500–1500 ppm), or B-Nine (1000–2500 ppm) + A-Rest (1–5 ppm) if needed. Weather conditions and cultural practices directly affect how much growth regulator to use, so it is recommended that you run your own trials.

Growing On to Finish: Packs, 4”(10cm) pots

Media:	Use a well-drained, disease free, peat-based growing mix with pH 5.5-5.8, EC <1.5mmhos.
Temperatures:	Keep media temperature at 63-65°F(17-18°C) until roots have developed and then lower to 55-60F(12-15°C) to grow on. Pansies grow better in cooler temperatures, but crop time will increase if the temperature is below 55-60F(12-15°C)
Light:	Keep light levels at 3000-4000 f.c.. Shade if light levels are higher to keep temperatures down.
Irrigation:	Practice a good wet/dry moisture cycle to aid root development and control height.
Fertilizer:	Fertilize once a week with 150ppm N (nitrate form) from 15-5-15, 17-5-17, or 13-2-13 but keep media pH at 5.5-5.8 definitely <6.5 and media EC no higher than 1.0-1.5mmhos.
Growth Regulators:	Use sprays of B-Nine (2500–5000 ppm), A-Rest (3–10 ppm), B-Nine (1500–2500 ppm) + Cycocel (750–1500 ppm), or B-Nine (1500–2500 ppm) + A-Rest (3–7 ppm) as needed. Weather conditions and cultural practices directly affect how much growth regulator to use and Sense has a naturally compact habit so it is recommended that you run your own trials.
Pests:	Aphids, Thrips, Spider Mites. Fungus Gnats and Shore Flies during the plug stage.
Diseases:	Pythium, Thielaviopsis, Botrytis, fungal leafspots, Downy and Powdery mildew.

Plug Times:

512 Plug:	4-5 weeks	**288 Plug:**	5-6 weeks

Transplant to Finish:

Container	Plants/Container	Transplant to Finish	Transplant to Finish
Packs	1x plug per cell	3-4 weeks - Autumn	7-9 weeks – Spring
4” (10cm)	1x plug	4-5 weeks - Autumn	8-10 weeks – Spring

Crop times are based on UK trials in optimum conditions. Alternative environmental conditions and cultural regimes can alter the crop times stated above.