Petunia x hybrida F_1

Celebrity



- Floriferous multiflora series
- Tight flowering window within the series
- Extremely rain tolerant
- Special bicolor and star types are included

Crop Time	Spring: 11 - 13 weeks
Height ⌀	12 " / 30 cm
Width ⌀	12 " / 30 cm
Exposure	Sun - Partial shade
Seed Form	Raw Seed, Pelleted Seed
Product Use	Bedding, Hanging Baskets

TECHNICAL GUIDE

Petunia x hybrida F_1 Celebrity

Usage
Landscape/bedding plants, mixed containers, hanging baskets

Sowing method
1-2 seeds/pills per plug

Germination
Stage I: 3-5 days at 72-75 °F (22-24 °C); use well drained media with low soluble salt levels and pH 5.5-5.8. Requires light for germination. Before sowing treat the substrate with fungicide. Water adequately after sowing to completely dissolve the pellet. Don' t cover seed. Keep soil very wet for optimal germination. Supplemental lighting (100-500 lx) during germination promotes a uniform germination and improves a compact plant habit

Growing on
5-6 weeks after sowing transplant 1 plant in packs or pots 9-10 cm (3,5-4'') or 4 plants in baskets.

Media
Use a well-drained, growing substrate with 15-30 % clay, 1,5-3 kg/m^3 complete balanced fertilizer, 0-3 kg/m^3 slow release fertilizer (3-6 months), iron-chelate, micronutrients, pH 5.4-6.0.

Temperature
Grow at 14-16 °C (57-61 °F). For early selling the plants should be hardened at 10-12 °C (50-54 °F) slowly within 14 days. Temperatures below 10 °C (50 °F) will inhibit the growth and can lead to injuries on a long-term basis. Petunia does not tolerate frost.

Fertilization
High fertilization levels are required. Fertilize the crop weekly with 150-200 ppm nitrogen, using alternating a potassium balanced fertilizer (N: K_2O-ratio: 1:1,5) and a calcium nitrate fertilizer. Prevent magnesium deficiency by applying magnesium sulphate (0,05 %) 1-2 times and in case of iron deficiency (yellow leaf edges) apply iron-chelate for 1-2 times. Avoid high fertilizer concentrations, it is advisable to fertilize several times weekly with low concentrations. This will promote a constant growth.

Stage I Starts with the radicle breaking through the testa. The roots are touching the medium. Ends with fully developed cotyledons.
Stage II Starts from fully developed cotyledons. Ends with the fully developed true leaf or true leaf pair.
Stage III Starts from the fully developed true leaf or true leaf pair and ends with 80% of the young plants being marketable.
Stage IV All young plants are ready for sale and in the process of being hardened off. This stage lasts about 7 days.

The cultural recommendations are based on results from trials conducted under Central European conditions. Different conditions in other parts of the world may lead to deviations in results achieved.

COLORS OF THE SERIES

Petunia x hybrida F_1 Celebrity



White
PH0321R/P



Yellow
PH0322R/P



Burgundy
PH0303R/P



Burgundy Frost
PH0304R/P



Red
PH0314R/P



Red Morn
PH0315R/P



Salmon
PH0318R/P



Chiffon Morn
PH0307R/P



Pink
PH0311R/P



Rose
PH0316R/P



Rose Star
PH0317R/P



Strawberry Ice
PH0320R/P



Blue
PH0301R/P



Blue Ice
PH0302R/P



Lilac
PH0308R/P



Plum Ice
PH0313R/P



Regular Mix
PH0399R/P