



Petunia

Cascadias™, Petitunia™, Doubloon™, Littletonia™ & Ray™

Culture Description



Cascadias

Petitunia®

Doubloon

FAMILY: Solanaceae

ORIGIN: South America

SEASON: Spring, summer and autumn. In moderate climates, winter as well.

USDA HARDINESS: 9-11

ROOTING: 2-3 weeks at temperatures of 64-75°F (18-24°C).

PLANTING: For 4" (10 cm) pot, use 1 plant per pot. Ready for sales (from rooted cutting) within 6-8 weeks. For 6" (15 cm) pot, use 1-2 plants per pot. Ready in 8-10 weeks. For 10" (25 cm) hanging baskets, use 3 - 4 plants. Ready in 10-12 weeks.

PINCHING: Should be pinched once, 2 weeks after planting. Second pinch is recommended for baskets. May be cut instead of pinched.

FOLLOWING TRANSPLANT: During the first 2-3 weeks use water and fertilize moderately E.C. 1.5 -1.8. Allow roots to reach the side of the container before increasing water and fertilization.

LIGHT INTENSITY: High light intensities, preferably full sunlight is essential for optimum finish (min. 6,000 fc / 60,000 LUX). If shaded, the plant will appear stretched and less blooming. During winter supplement lighting is required.

TEMPERATURE: Day: 64-75°F (18-24°C) night: 55 - 64°F (13- 18°C) can grow in temperatures out of this range - nearly freezing point and up to 95°F (35°C).

FERTILIZATION: Vegetative Petunia requires heavy fertilization. Apply a constant feed program with a balanced fertilizer N:P:K=2:1:2, using 250-300 ppm Nitrogen (micronutrients in average levels with iron slightly higher).

IRRIGATION: Keep well watered. Sensitive to water surplus. Drip irrigation is recommended. Leach periodically to prevent salt accumulation.

MEDIUM: Use a well-drained peat/perlite disease-free potting mix. pH 5.5 -6.0, EC 0.8-1.2.

GROWTH REGULATORS: Optional. Not necessary under high light intensities. 1-3 sprays of ALAR (B-Nine) 2 gr/L according to required plant size. Bonzi is an effective regulators for 4" pot production.

DISEASES & PEST CONTROL: Insects: White Flies, Leaf miners and aphids. Diseases: Botrytis, Pythium, Crown Rot. Plant liners at soil level - not too deep. Avoid excessive moisture on foliage. A standard preventive spray program should be applied to control pests and diseases.

Viral diseases can be a serious problem; therefore, it is essential to start with virus-free material.

All **Danziger's Petunias** cuttings are derived from culture and virus-free stock.

The cultural instructions presented here should be regarded as general guide lines. It is advised to make necessary adjustments when growing in different climatic conditions and agricultural practices. Danziger – "Dan" Flower Farm is not responsible for any damage caused by implementation of the recommendations.

Danziger – "Dan" Flower Farm
www.danziger.co.il, danziger@danziger.co.il