Capsicum annuum Laguna Beach

Life cycle	Annual / Vegetables
Family / Origin	Solanaceae / South America
Popular uses	Mixed containers, pots and perfect as table, terrace, balcony or small garden plant
Mature plant height	25-30 cm (10-12”)
Mature plant width	35-40 cm (14-16”)
Fruit size / diameter	8-10 cm (3½-4”) / 1½-2 cm (0.6-0.8”)
Flower shape / color	Single flower / white
Fruit shape / color	Twisted, oblong pointed / green to yellow
Plants per pot	1 plant in small pots 3 plants in large containers
Sun exposure	Full sun
Water requirements	Reduced
Flowering season	Entire growing season.
Media	Use a well-drained, disease-free, soil-less medium with a medium initial nutrient charge pH 5.5-6.3 EC 0.5-1.4 (75-210 ppm N)
Growing temperature	Day temperature 20-24ºC (68-75ºF) Night temperature 18-20ºC 64-68ºF) Higher average day temp. will speed up the process
Light	Ornamental peppers prefer full sun, but after transplanting plants must be partial shaded during midday heat
Fertilizer needs	Balanced N:P:K-fertilizer as needed with a calcium-based EC of 1.5-2.0 (225-300 ppm N)
Crop time	18-20 weeks (fruits colouring)

Description
Laguna Beach shows an upright, spreading plant habit and is producing beautiful large twisted pungent sweet peppers
Ideal for pots and mixed containers, but also as a table, terrace and balcony plant

Growth regulators
No growth regulators are needed.

Common diseases
Pythium, Phytophthora, Leaf Spot and Botrytis

Common pests
Whitefly, Thrips, Aphids and Spider Mites

Pinching
No need, although cutting will enhance re-growth

Crop type
Compact potted vegetable plant

Hardiness zone
N/A

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Plug Production

Seed forms	Profi-seed
Seed count	250-300 seeds/gram (7.100- 8.500 seeds/oz); seed count varies by lot!
Seeds cell	1
Vermiculite cover	Thin cover
Stage 1 **Germination**	5-7 days for germination Media pH 5.5 to 5.8 EC 0.5-0.7 EC (75-105 ppm N); use calcium-based fertilizers Medium moisture: keep medium evenly moist but not saturated Medium temperature: 21-23°C (70-73°F)
Stage 2 **Stem and cotyledon**	Moisture: reduce moisture levels slightly to encourage root penetration Temperature: 20-22°C (68-72°F) Fertilizers: use calcium-based fertilizers at EC 0.5-1.0 EC (75-150 ppm N) Lighting: provide light levels of 10.800-26.900 Lux (1.000-2.500 fc) for the remainder of plug production
Stage 3 **Growth and development**	Moisture: reduce moisture levels and allow medium to dry between watering; do not allow plants to wilt Temperature: 20-22°C (68-72°F) Fertilizers: as stage 2; to prevent stretching alternate with potassium nitrate at EC 1.2-1.5 (180-225 ppm N) Lighting: light levels of 10.800-26.900 Lux (1.000-2.500 fc) for the remainder of plug production
Stage 4 **Ready for transplanting**	Temperature: 20-22°C (68-72°F) Moisture: reduce moisture levels and allow medium to dry between watering Lighting: light levels of 26.900-53.800 Lux (2.500 to 5.000 fc) for the remainder of plug production Continue to fertilize with EC 1.2-1.5 (180-225 ppm N)
Plug crop time:	3-4 weeks
Approximate finish time	15-16 weeks fruits
Special tips	Calcium is very important for healthy fruit The crop needs good air circulation in well-ventilated conditions

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