

Basil Purple Ball



Life cycle	Herb/Annual
Family/origin	Lamiaceae/ South america
Popular uses	Ornamental and culinary tomatoes or tomato sauce, also for meats, fish and vegetables.
Mature plant height	25-30cm (10-12")
Mature plant width	25-30cm (10-12")
Pot size:	8-15cm (3,5-6")
Plants per pot	1, 3 per 15cm (6") or larger
Sun exposure	Full sun
Water requirements	Reduced
Flowering time	Sun or partial shades
Media	a well-drained, porous media is best to prevent over watering. pH 6.0-6.2 EC 0.5-1.8 (50-150 ppm)
Growing temperature	Start at 18-20°C (64-68°F) lower the temperature after root at 15-18°C (59-64°F) avoid wet conditions at night
Light	Ocimum prefers high light conditions
Fertilizer Needs	Balanced N:P:K fertiliser as needed recommended, use calcium based fertilizers instead EC1.8-2.2, (50-200 PPM)
Crop time	8-10 weeks in small pots, 10-12 weeks in larger containers
Hardiness zone	N/A



Purple ball

Growth regulators

Not applicable for herbs

Common diseases

Botrytis – avoid wet foliage at night

Common pests

Aphids, Snails

Pinching

No need, although frequent cutting will enhance re-growth

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Plug Production



Seed forms	Raw
Seed count	600 seeds/gram (16.800 seeds/oz.) Varies by lot!
Recommended plug size	288-128
Seeds cell	3-5 Direct sowing on pots is possible 9 cm (4") 15-20seeds.15cm (6") 30 seeds
Vermiculite cover	No
Stage 1 Germination	Media pH 5.5 to 6.3 Moisture: keep medium saturated. Soil medium temperature: 20-22°C (68-72°F) Fertilizer EC levels: 0,5-1.0 (50-75 PPM)
Stage 2 Stem and cotyledon	Reduce moisture levels to obtain optimum root penetration and to prevent fungal diseases. Prevent wet foliage after nightfall. Temperature: 18-20°C (65-68°F) Fertilizer level: EC 0,7-1.2 (100-150 ppm)
Stage 3 Growth and development	Moisture: reduce moisture levels and allow medium to dry slightly between watering but do not allow plants to wilt. Temperature: 18-20°C (65-68°F) Fertilizers: as stage 2. To prevent stretching alternate with potassium nitrate at EC 1.2-1.5 (100-175 ppm)
Stage 4 Ready for transplanting	Moisture: reduce moisture levels and allow medium to dry slightly between watering but do not allow plants to wilt. Temperature: 16-18°C (60-65°F) Fertilizers: see stage 3
Plug crop time	4-5 weeks
Approximate finish time	6-8 weeks
Special tips	Plants should be grown dry, watering evenly when necessary. The crop needs to have good air circulation in well ventilated conditions