

# Ocimum basilicum Micrette Purple ball



<b>Life cycle</b>	Herb/Annual
<b>Family/origin</b>	Lamiaceae/ South america
<b>Popular uses</b>	Ornamental and culinary tomatoes or tomato sauce, also for meats, fish and vegetables.
<b>Mature plant height</b>	25-30 cm (10-12")
<b>Mature plant width</b>	25-30 cm (10-12")
<b>Pot size:</b>	8-15 cm (3,5-6")
<b>Plants per pot</b>	1, 3 per 15cm (6") or larger
<b>Sun exposure</b>	Full sun
<b>Water requirements</b>	Reduced
<b>Flowering time</b>	Sun or partial shades
<b>Media</b>	a well-drained, porous media is best to prevent over watering. pH 6.0-6.2 EC 0.5-1.4 (75-210 ppm N)
<b>Growing temperature</b>	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
<b>Light</b>	Ocimum prefers high light conditions
<b>Fertilizer Needs</b>	Balanced N:P:K fertiliser as needed recommended, use calcium based fertilizers EC 1.8-2.2 (270-330 ppm N)
<b>Crop time</b>	8-10 weeks in small pots, 10-12 weeks in larger containers
<b>Hardiness zone</b>	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

# Ocimum basilicum Micrette Purple ball

## Plug Production



<b>Seed forms</b>	Raw
<b>Seed count</b>	600 seeds/gram (16.800 seeds/oz.) Varies by lot!
<b>Recommended plug size</b>	288-128
<b>Seeds cell</b>	3-5 Direct sowing on pots is possible 9 cm (4") 15-20 seeds. 15 cm (6") 30 seeds
<b>Vermiculite cover</b>	No
<b>Stage 1 Germination</b>	Days to germinate 5-7 days Media pH 5.5 to 6.3 Moisture: keep medium saturated Moisture level 5 RV >90-95%. Temperature: 20-22°C (68-70°F) growing medium temperature Fertilizer level EC 0.5-1.0 (75-150 ppm N)
<b>Stage 2 Stem and cotyledon</b>	Reduce moisture levels to obtain moisture level 4 optimum root penetration and to prevent fungal diseases. Prevent wet foliage after nightfall Temperature: 18-20°C (65-68°F) Fertilizer level: EC 0.5-1.0 (75-150 ppm N)
<b>Stage 3 Growth and development</b>	Reduce moisture levels and allow medium to dry slightly between watering but not allow plants to wilt moisture level 3 Temperature: 16-18°C (60-65°F) Fertilizer EC 1.4-1.8 (210-270 ppm N)
<b>Stage 4 Ready for transplanting</b>	Reduce moisture levels and allow medium to dry slightly between watering but do not allow plants to wilt moisture level 2-3 16-18°C (60-65°F) Fertilizers: see stage 3
<b>Plug crop time</b>	4-5 weeks
<b>Approximate finish time</b>	6-8 weeks
<b>Special tips</b>	Plants should be grown dry, watering evenly when necessary. The crop needs to have good air circulation in well ventilated conditions