

# Basil Aristotle

**Seed count:** Approx. 22,250 seeds per ounce (780 seeds per gram)

**Seed format:** Natural seed

**Height:** 10 inch (25cm) **Spread:** 10 inch (25cm)

**Botanical Name:** *Ocimum basilicum*

**Days to Maturity (from Transplant) 63 days.**

## Plug Production 512 or Larger

### Stage 1 2-4 days Radicle emergence

Use a well-drained, disease-free, peat based plug media with pH 5.5-6.2, EC <0.75mS/cm. Cover seed with vermiculite. Keep media uniformly moist, media temperature should be 65-70°F (18-21°C) air temp. 68-72°F (20-22°C). Light not necessary for germination.

### Stage 2 7 days Stem and cotyledon emergence

Maintain media temperature to 65-70°F (18-21°C) air temp. 68-72°F (20-22°C). Keep medium uniformly moist. Light levels 1500-2500 f.c. Fertilizer 14-0-14 (Rate 50-100ppm) every other watering.

### Stage 3 7-10 days True leaf growth

Maintain soil temperature to 62-65°F (17-18°C) air temp. 64-70°F (18-21°C) Keep medium uniformly moist. Light levels 1500-2500 f.c. EC 0.5-1.5mS/cm. Fertilizer 14-0-14 (Rate 100-150ppm) every 3rd watering.

### Stage 4 7 days To Transplant stage or shipping

Maintain soil temperature to 62-65°F (17-18°C) air temp 64-70°F (18-21°C). Keep medium uniformly moist. Ensure you maintain pH at 5.5 to 6.2 and EC <0.75mS/cm. Light levels up to 5000 f.c. Fertilizer 14-0-14 or 15-5-15 (Rate 100-150ppm) every 3rd watering.

### Growing On to Finish

Well-drained, disease free mix with pH 5.5-6.5 and EC <0.75 mS/cm. Keep medium uniformly moist, media temperature should be day 68-79°F (20-26°C). Night 65-70°F (18-21°C). Light levels 4000-5000 f.c. or as high as possible. Fertilizer 20-10-20 (Rate 175-225ppm) Frequency every other watering.

### Timings

Plug Stage 4-5 weeks  
Transplant to maturity 63 days

### Height Control

The use of chemical growth regulators are not recommended on pepper plants. Growth can be effectively controlled by high light levels and spacing of plants.