

Basil Floral Spires

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

Seed format: Natural seed

Height: 10 inch (25cm) **Spread:** 8 inch (20cm)

Botanical Name: *Ocimum basilicum*

Days to Maturity (from Transplant) 56 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 56 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.