



vegetalis
creative vegetable breeding

Bell Pepper Culture

Seed count: Approx. 5700 seeds per ounce (200 seeds per gram)
Seed format: Natural seed
Height: **Pompeii:** 18 inch (45cm) Spread: 12 inch (30cm)
Mohawk & Redskin: 12 inch (30cm) Spread: 20 inch (50cm)
Botanical Name: Capsicum annum L.

Days to Maturity (from Transplant): 75 - 80 days.

Plug Production 512 or Larger

- Stage 1** 5-7 days - Radicle emergence
Use a well-drained, disease-free, peat based plug media with pH 5.8-6.2, EC <0.75mS/cm. Cover seed with vermiculite. Keep media uniformly moist, media temperature should be 71-78°F (22-24°C) air temp. 60-70°F (15-21°C). Light not necessary for germination.
- Stage 2** 7-10 days - Stem and cotyledon emergence
Maintain media temperature to 68-73°F (20-23°C) air temp. 60-70°F (15-21°C). Allow medium to dry out slightly prior to watering. Light levels 1500-2500 f.c. Fertilizer 14-0-14 (Rate 50-100ppm) every other watering.
- Stage 3** 10-14 days - True leaf growth
Maintain soil temperature to 65-70°F (18-21°C) air temp. 60-70°F (15-21°C) allow medium to dry out slightly prior to watering avoiding wilt. Light levels 1500-2500 f.c. Fertilizer 14-0-14 (Rate 100-175ppm) every 2nd-3rd watering.
- Stage 4** 7 days - To Transplant stage or shipping
Maintain soil temperature to 62-67°F (17-19°C) air temp 58-65°F (13-18°C). Allow medium to dry out slightly prior to watering avoiding wilt. 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 100-175ppm) every 2nd-3rd watering.

Growing On to Finish

Well-drained, disease free mix with pH 5.5-6.2 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 4-6 weeks

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.