



**vegetalis**  
creative vegetable breeding

# Hot Pepper Culture

**Seed count:** Approx. 6400 seeds per ounce (220 seeds per gram)  
**Seed format:** Natural seed  
**Height:** **Apache:** 14 inch (35cm) Spread: 12 inch (30cm)  
**Cheyenne:** 12 inch (30cm) Spread: 20 inch (50cm)  
**Chenzo:** 22 inch (55cm) Spread: 20 inch (50cm)  
**Loco:** 18 inch (45cm) Spread: 24 inch (60cm)  
**Basket of Fire:** 12 inch (30cm) Spread: 24 inch (60cm)  
**Botanical Name:** Capsicum annum L.

**Days to Maturity (from Transplant): Apache, Cheyenne & Basket of Fire:** 21 to flower, 35 to green fruit, 90 to fruit.  
**Loco & Chenzo:** 21 to flower, 35 to green fruit, 83 to fruit.

## Plug Production 288 or Larger

- Stage 1** 5-7 days - Radicle emergence  
Use a well-drained, disease-free, peat based plug media with pH 5.5-5.8, EC <1.0mS/cm. Cover seed with vermiculite. Keep media uniformly moist, media temperature should be 70-75°F (21-24°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 70-75°F (21-24°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 70-75°F (21-24°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 68-70°F (20-21°C) air temp 58-65°F (13-18°C). Keep medium relatively moist avoiding wilt. Ensure you maintain pH at 5.5 to 5.8 and EC <0.75mS/cm. Light levels 1500-2500 f.c. Fertilizer 14-0-14 (Rate 100-175ppm) every 2nd-3rd watering.

### Growing On to Finish

Well-drained, disease free mix with pH 5.5-6.3 and EC <1.0 mS/cm. Keep medium uniformly moist, media temperature should be day 68-80°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.