



vegetalis
creative vegetable breeding

Eggplant Culture

Seed count: Approx. 7,370 seeds per ounce (260 seeds per gram)
Seed format: Natural seed
Height: 22 inch (55cm) Spread: 18in (45cm)
Botanical Name: Solanum melongena L.

Days to Maturity (from Transplant): **Eggplant Emerald Isle:** 49 to flower, 63 to green fruit, 70 to fruit.
Eggplant Pinstripe: 42 to flower, 56 to green fruit, 63 to fruit.
Eggplant Pot Black: 42 to flower, 56 to green fruit, 70 to fruit.
Eggplant Ivory: 42 to flower, 56 to green fruit, 63 to fruit.
Eggplant Amethyst: 42 to flower, 56 to green fruit, 65 to fruit.

Plug Production 288 or Larger

- Stage 1** 2-3 days - Radicle emergence
Use a well drained, disease-free, peat based plug medium with pH 5.5-5.8, EC <0.75mS/cm. Cover seed with coarse vermiculite. Keep medium 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 until radicle emerges.
- Stage 2** 5-7 days - Stem and cotyledon emergence
Maintain media temperature to 68-72°F (20-22°C) air temp. 58-68°F (14-20°C) allow medium to dry out slightly prior to watering. Light levels 1000-1500 f.c. Keep media pH 5.5-5.8 and EC <1.0 mS/cm Fertilizer 14-0-14 (Rate 50-75ppm) every other watering. Irrigate early in the day so foliage is dry by nightfall to prevent diseases.
- Stage 3** 7 days - True leaf growth
Maintain media temperature to 60-65°F (16-18°C) air temp. 55-60°F (13-16°C) allow media to dry out slightly prior to watering avoiding wilt. Maintain media pH 5.5-5.8 and EC <1.0 mS/cm. Increase light intensity to 1000-2000 foot-candles. Fertilizer 14-0-14 (Rate 50-75ppm) every 2nd-3rd watering.
- Stage 4** 7 days - Transplant stage or shipping
Maintain media temperature to 60-62°F (16-17°C) air temp. 58-65°F (13-18°C). Allow soil to dry thoroughly between irrigations. Ensure you maintain pH at 5.5 to 5.8 and EC <0.75mS/cm. Light levels 1500-2000 f.c. Fertilizer 14-0-14 (Rate 75-100 ppm) every other watering.

Growing On to Finish

Well-drained, disease free media with pH 5.5-6.3 and EC <1.0 mS/cm. Keep media uniformly moist, media temperature should be day 60-70°F (15-21°C) Night 50-60°F (10-15°C) pH 5.5-6.2. Light levels 4000-5000 f.c. or as high as possible. EC <1.0 mS/cm. Fertilizer 15-0-15, 13-2-13 (Rate 150-200ppm) Frequency every 2nd or 3rd watering.

Timings Plug Stage 4 weeks

Height Control

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