

License for propagation is required.

RECEIVING and HANDLING

UNROOTED CUTTINGS: Open boxes and inspect material as soon as possible after receiving. Do not allow boxes to sit in direct sunlight. If necessary to store before sticking, keep in the boxes in a cooler at 41° to 45°F (5° to 7°C).

PROPAGATION

Cell Flat Size: 128, 72, 30 cell.

Media: Propagation media with high porosity and water-holding capacity. Should not contain bark or slow-release fertilizer.

Propagation Air Temperature: 70°F (21°C).

Hormone: 1000 ppm IBA Soluble Salts spray within 24 hours of stick.

Fertilizer: Once rooting begins, fertilize with a 50 to 100 ppm nitrogen fertilizer at least once a week.

Common Propagation Pests: None seen.

Common Propagation Diseases: None seen.

Cutting Handling: A broad-spectrum fungicide drench and a fungus gnat larvaecide are recommended within 24 hours of stick.

Before using any pesticides be sure they are registered for use. Follow label directions. The label is the law.

Pinching: Pinch cells to 2.5 to 3 inches (6 to 8 cm) once after moving out of propagation or when plants grow beyond this height.

Weeks in Propagation: 3 weeks in summer, 4 weeks spring, fall and winter.

General Mist Schedule: Place under high mist for a few days. Then move to a moderate mist until rooting begins. When you see roots, move to a low mist until cuttings root down.

Weeks to Ready: 6 to 8 weeks.

VARIETY FEATURES

- Grown primarily for its foliage with yellow, green and light green variegation
- Cooler weather turns tips of stems deep red
- Very easy to grow compared to other variegated *Euphorbia*
- Once established, plants are tolerant of high heat and dry conditions
- Brought to us by PlantHaven



Euphorbia 'Ascot Rainbow' USPPAF

Comments: Do not overwater cells. Remove any reversion seen in flats.

TRANSPLANT LINERS

Pot Size: 1-gallon (4 litre), 6, 8, or 10-inch (15, 20 or 25 cm) pot with one cell per pot.

Media: Porous soil with good drainage.

Vernalization Trials: Vernalization trials are executed by placing cell flats in a cold greenhouse set at 38°F (3°C). Fluctuations in temperature occur based on natural day and nighttime temperatures in Lancaster, PA.

Vernalization Trial Results: Vernalization is required for flowering. It is necessary to bulk plants in late summer and fall to develop adequate foliage canopy prior to vernalization. Most terminal shoots will become flower shoots. Vernalization is not necessary for good foliage development if plants will be sold green or without flowers.

GROWING ON

Media pH: Optimum not tested. Standard for 1-gallon (4 litre) pot is 5.5 to 6.5.

Media EC: Optimum not tested. Standard for 1-gallon (4 litre) pot is 1.5 to 3.

Moisture: Plants should be grown moist. Will require more water once established.

Fertilizer: While actively growing, plants perform well with a constant liquid feed of 100 to 150 ppm nitrogen. Red coloration will not appear if given too much nitrogen in cold temperatures.

Supplemental Lighting: Not required for flowering.

Temperature: Recommend growing outdoors for best color. Minimum 55°F (13°C).

Common Pests: Spider mites.

Common Diseases: Botrytis.

Pinching: Pinch at least once in cell flat if

growing from unrooted cuttings. Otherwise, no pinch is necessary.

Crop Maintenance: None.

Growth Regulators: Not necessary.

SCHEDULING RECOMMENDATIONS (Based upon trials in Lancaster, PA)

In our trials, it took 13 weeks for a 72-cell liner to fill out an 8 inch (20 cm) pot for sales of foliage only. To sell in flower, plant 72-cell liner around Week 32 and grow on to bulk. Overwinter in protected house with heat to 35° F (2°C). In our trials, plants began flowering in April when they remained in the protected house. Plants remained in flower until July.

SPECIAL FEATURES

Grown primarily for its foliage, this is an eye-catching plant with yellow, green and light green variegation. Even the individual floral leaves are variegated! Cooler weather causes the tips of stems to become a stunning deep red. Very easy to grow compared to other variegated *Euphorbia*. Once established, landscape plants are tolerant of high heat and dry conditions. Brought to us by PlantHaven.

CONTAINER STATISTICS

Light: Full sun

Container Height: 24 inches (61 cm) foliage only

GARDEN STATISTICS

Light: Full sun

Height: 24 inches (61 cm)

Width: 30 inches (76 cm)

USDA Hardiness Zone: 6 to 9



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