# Astilbe

**20ct Plug**

Container:
Premium 1 Gallon Pot
Finish:
8-10 weeks
When To Plant:
Late winter to spring
Notes:
Amber Moon is the only variety offered in this size.

**72ct Plug**

Container:
Trade 1 Gallon Container
Finish:
8-10 weeks
When To Plant:
Best planted in summer for following spring sales
Notes:
Amber Moon is the only variety offered in this size.

**Grade #1 Bare Root**

Container:
Premium 1 Gallon Pot
Finish:
8-10 weeks
When To Plant:
Late winter to spring

**Growing Temperature:**

55-60° F

**Soil pH:**

5.8-6.2

**Fertility:**

Feed 75-125 ppm N at each watering.

For Controlled Release or Slow Release Fertilizer, see your preferred supplier for recommended rates for incorporation or top dressing, as it varies by fertilizer.

**Potting and Timing:**

Begin growing plants cool at 55-60° F for the first week. Increase temperature to speed flowering or lower temperature to delay flowering.

**Planting Level:**

Eyes should be just below soil surface.

**PGRs/Pinching:**

If needed apply Sumagic (Uniconazole) at 5 ppm when flower stems begin to appear above the foliage.

**Lighting:**

Day neutral

**Holding Temperature:**

45-55° F

**EC Level:**

1.5-2.5 pour through method

**Vernalization:**

Required cold for 10-12 weeks at 40° F or below.

**Pests and Diseases:**

Japanese beetle, whiteflies (in greenhouse), tarnished plant bug, water stress injury.

Bacterial blights, powdery mildew(Erisyphe), wilt (Fusarium)

**Moisture:**

Astilbe require frequent irrigation. If plants dry out, their foliage turns irreversibly brown and crispy, thereby rendering them unsaleable. The most critical growing factor for Astilbe is water. Increase watering as the foliage emerges and plumes mature. Plants should *never* be allowed to dry out. If the margins of the leaves turn brown and crispy, the plants are not being kept moist enough. Try to avoid watering after mid-afternoon. Shading (shade cloth) will also help reduce stress on the plants.

**Grower Tips:**

Astilbe are sensitive to high salts and may become scorched and have damaged roots if the soluble salt levels are allowed to build up.

Apply a broad spectrum fungicide at transplant to prevent root and crown diseases.

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