Aquilegia (Columbine)

30ct Plug

Container:
Trade 1 Gallon Container

Finish:
7-9 weeks

When To Plant:
Late winter to spring

Growing Temperature:

57-68° F

Soil pH:

5.8-6.4

Fertility:

A constant liquid feed of 50 ppm N is sufficient for healthy growth.

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:

Use a moist, well-drained media with good aeration and waterholding capacity.

Moisture:

Water thoroughly, allowing growing media to dry out between waterings.

PGRs/Pinching:

Force plants under short days as this will keep the plants more compact.

Other Comments:

Cool growing temperatures will result in heavier flowering.

Holding Temperature:

45-55° F

EC Level:

1.5-2.0 pour through method

Vernalization:

Provide 6-9 weeks of cold at temperatures below 40° F.

Pests and Diseases:

Aphids, columbine leafminers (Phytomyza), bumble bees (they eat corolla tubes), columbine skipper caterpiller (Erynnis), columbine borer (Papaipema), whiteflies (in greenhouse), spider mites, foliar nematodes, columbine sawfly, thrips.

Botrytis blight, Alternaria blight, impatiens necrotic spot virus, powdery mildew, leaf spots, crown rot and root rot, rust, cucumber mosaic virus, damping off, leaf and stem smut.

Planting Level:

Place crown at soil level.

Lighting:

Aquilegia are day neutral plants and will flower under any photoperiod. Prefers moderate light levels. During periods of low light, providing supplemental light will yield sturdier plants.

Grower Tips:

Aquilegias have a juvenility phase and are not capable of flowering until a certain number of leaves are present to perceive vernalization. The leaf number varies by series and cultivar.

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