Cimicifuga (Black Snakeroot)

**20ct Plug**
- Container: Trade 1 Gallon Container
- Finish: 8-10 weeks
- When To Plant: Late winter to spring

**72ct Plug**
- Container: Trade 1 Gallon Container
- Finish: 10-12 weeks
- When To Plant: Mid to late summer

**Growing Temperature:**
- 60-65° F days
- 50-55° F nights

**Fertility:**
- After new leaves emerge use a water-soluble fertilizer, solutions of 50-100 ppm at each or every other watering.

**Pests and Diseases:**
- Southern root-knot nematode.
- Leaf spot (Ascochyta), rust, smut.

**Moisture:**
- Consistent moisture is very important. Do not let the soil dry out. Increase watering as the foliage emerges.

**Soil pH:**
- 5.8-6.8

**EC Level:**
- 1.5-2.0 pour through method

**Vernalization:**
- Required 9-12 weeks at temperature of 40 degrees or below.

**Potting and Timing:**
- Plant small plugs in mid summer to allow enough time to bulk before dormancy. Large vernalized plugs can be planted in late winter to spring. Allow 8-10 weeks for rooting and top growth to fill out.

**Planting Level:**
- Crown at or just below soil surface.

**Lighting:**
- Long days required for flower.

**Grower Tips:**
- Provide at least 50% shade to avoid foliage burn from the sunlight.
- Crop should be kept moist at all times.
- Drench with Banrot or Root Shield to avoid root and crown rots.