

# Baptisia

## Decadence®



### ZONE HARDINESS 4 – 9

#### NUTRITION

**pH:** 5.8 – 6.5

**EC:** (2:1 extraction method) 1.0 – 1.5

#### TEMPERATURE for forcing from a G1 Bare-root

**Forcing/Growing on:** 60 F Night – 65 F Day

**Holding:** 50 F Night – 55 F Day

Plants can be moved outside once the danger of frost has passed. An open environment will often strengthen the stems and produce a better finished product.

#### WATERING

Grow plants on the dry to moderate side during the start of forcing to encourage root development and discourage root rot, but do not allow plants to wilt. Keep the soil evenly moist.

#### TIMING

**Bare-root to Trade Gallon/True Gallon:** 8 – 12 weeks with one bare-root plant per container. A typical planting date would be Week 10 for finishing in Week 18.

#### VERNALIZATION:

No vernalization should be needed. Bare-root plants have had the proper vernalization to offer sufficient flowering.



#### PLANTING

Bare-root *Baptisia* should be planted even to the crown of the plant. This allows for settling of the soil after watering in.

Plant immediately. Avoid leaving these in the shipping boxes for more than a week.

When growing perennials, we recommend using an aged or composted pine bark based media as opposed to annual growing mixes that traditionally tend to be heavier in peat. Bark adds weight and stability to the growing mix and tends not to compress and shrink over time, thus adding the longevity that can be needed on long-term crops such as perennials. Care should be taken to spread the roots out when planting, and make sure the roots are placed as far down into the pot as possible. Sometimes the size of the bare-root can make this difficult to fit. Light trimming of the bottom of the roots may be needed.

#### LIGHT/LIGHTING

During forcing, plants should be given as much light as possible. Plants should be spaced such that they do not shade each other.

#### TRIMMING/PINCHING:

From bare-roots, trimming is only recommended after the plant has flowered. If the plants don't sell during their flowering time, they can be shaped up as needed to remove spent flowers and improve their appearance for continued summer sales.

#### GROWTH REGULATORS

Drenching the plants with 15 ppm Bonzi® (paclobutrazol) when the shoots are 6 inches tall will effectively control plant height.

#### PEST and DISEASE MANAGEMENT

*Baptisia* is relatively pest free. Watch for *Cylindrocladium* Blight, Leaf Spots, Powdery Mildew, Rust, and Spider Mites.

#### OTHER TIPS:

If a larger size is desired, follow the same culture as above, but plant using two bare-roots, or plant up previous seasons' 1 gallon plants.



Four Star Greenhouse | [www.PWfourstar.com](http://www.PWfourstar.com) | 734-654-6420

The rates and chemicals listed are based on our southeast Michigan growing conditions, and are not recommended for nationwide application. Please adjust the rates and spray applications to your location and facility.