Begonia
Pegasus®

NUTRITION
pH: 5.5 – 6.0
EC: (2:1 extraction method) .6 – .9
Constant feeding at 75ppm – 100ppm nitrogen with a fertilizer selected for grower's water quality and soil mix is recommended. Or, feed 200ppm once per week if preferred.

TEMPERATURE
Rooting out: 65 – 72 F
Growing on: 65 – 75 F
Holding: 62 – 65 F

WATERING
Maintain moderate soil moisture. Allow the soil to cycle from moist to moderately dry levels. Avoid both severe dry downs and long periods of wet soil, especially in poor weather conditions. Also avoid excessive soil moisture levels with freshly transplanted plants.

To prevent water spotting or burning on sunny days, it is best to water earlier in the morning or later in the afternoon.

TIMING
4" – 5": 6 – 7 weeks with one 50 cell plant per container.
6"/1GL Royale™: 7 – 8 weeks with one 50 cell plant per container.
8": 8 – 9 weeks with one 50 cell plant per container.
10" – 12" Hanging Basket: 9 – 11 weeks with three to four 50 cell plants per container.

PLANTING
Standard 50 liner cell plants should be planted into a well drained soil mix selected to match individual water quality and fertilizer blends. Water in thoroughly without saturating the mix and maintain a constant moderate soil moisture level for the first seven to 10 days to establish new rooting. Pinching should not be needed.

LIGHT/LIGHTING
Pegasus® *Begonias* should be grown in a high to moderate light area of the greenhouse for optimal plant development. Supplemental daylength lighting is not required. Pegasus is primarily grown and sold as a foliage plant, but can flower when exposed to 11 hours or less daylength per day.

GROWTH REGULATORS
Desired plant habit and quality can be achieved by controlling soil moisture levels, greenhouse temperatures and humidity levels, and by supplying proper light levels to the plant. Additionally, providing adequate spacing will also produce a higher quality plant. If required, a spray application of B-Nine® (daminozide) at 2,500ppm is effective to control growth.

PEST and DISEASE MANAGEMENT
There should be little instance of disease if basic cultural guidelines are followed. Over-watering can lead to Botrytis, Stem Rot, or Fungus Gnat issues. Control humidity levels and provide adequate air movement. Avoid over-fertilization.

OUTDOOR GROWING SCHEDULE
Pegasus *Begonias* finish best in a controlled greenhouse environment, but can be moved outdoors after all threat of frost has passed and weather is consistently warm (approximately late May to early June in Michigan). This recommendation is based on average spring weather and should be adjusted for unseasonably severe or unseasonably mild conditions.

OTHER TIPS
- **Dislodge the 50 liners from their cell within the liner tray when planting. This will avoid breaking the plant at the soil line or "tearing" the roots from the tray's cell.**
- Avoid over-watering and over-feeding *Begonias*. Both can cause serious plant quality and health issues.

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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.