

# Growing with Precision:

## How High Grade Elevated their Cultivation with PARGRO®



Founded in 2016, High Grade is a vibrant and cutting-edge 120,000 sqft indoor cannabis facility in the heart of Phoenix, Arizona. They specialize in cultivating and extracting premium cannabis and pride themselves in elevating standards and pushing boundaries to achieve unparalleled quality and consistency. This continued commitment to excellence in cultivation is ultimately why High Grade decided to make the switch from competing stone wool to Pargro, in search of a more consistent, clean and easy-to-use growing media for their cultivation.



Case Study: High Grade with Lee Bossard, Head of Cultivation

With Pargro, the cleanliness and the ability to just really get back to a simple cookie cutter way of growing without mess has made a big difference for us at High Grade. – Lee Bossard, Head of Cultivation

Director of Cultivation Lee Bossard started his journey as a hobbyist grower back in 2008 before making the jump to commercial in 2014 and joining High Grade. Now, with over ten years of experience on a commercial level, Lee's leadership and knowledge have helped establish High Grade as one of the most trusted names among customers and dispensaries across Arizona.

Of course, with success and growth comes new challenges. As High Grade evolved and scaled up from 30,000 sq ft to 120,000 sq ft, continuing to hand water as they'd done it in the past was too labor-intensive now. On top of that, the reliability and cleanliness of the growing medium they were using at the time led to continuous problems and slowed progress at various stages of growth. So, they invested in their business and installed drip irrigation throughout their facility, allowing them to have less water each cycle, become greener, and make the switch to a cleaner, more dependable growing medium like Pargro.



**“ Everyone in the industry is trying to go clean. Use less water, especially in a place like Arizona. That was one of the reasons we made the switch to Pargro. ”** – Lee Bossard, Head of Cultivation



## Controlling WC & EC in the Rootzone

Before trialing and switching to Pargro, High Grade had difficulty maintaining the desired WC & EC in their blocks, mainly due to the inconsistencies and overall poor quality of the stone wool they used. The growing media wouldn't hold water, so the team had to water more often, even at night. This meant they had to trigger night shots just to keep the blocks above danger zones, which we all know isn't recommended.

**“We all know you don't water at night, but we had no choice. We had to do night shots to keep the blocks above the danger zones. With Pargro, we don't have that problem. The stone wool is much more consistent and controllable.”**

– Lee Bossard, Head of Cultivation





## Crop Steering with Pargro

Learning to steer each cultivar with more precision continues to be the goal at High Grade. Thanks to Pargro's ease of use and controllability, Lee and the team have already begun developing and perfecting recipes and experimenting with new strains and emerging trends with cutting-edge genetics. Now more than ever, with the cost per gram decreasing and the need to stay competitive, finding a way to connect and gain the trust of customers is the name of the game. Using crop steering methods, High Grade manages plant growth by adjusting its irrigation and climate to achieve the desired response from its plants. Allowing them to steer more vegetative and generative depending on the stage of growth while keeping the plants in balance, using fewer resources, and, in some cases, shaving time off each cycle.

As a result of the nightly irrigation events, the crew started noticing guttation on the plants in the morning, and although this isn't harmful to the plants, it can lead to an ideal environment for mold or mildew to develop, which can impact the quality and consistency of your final product.

Once in Pargro, Lee and the crew immediately had greater control of WC & EC in the rootzone, no longer having to water at night, and eliminated the guttation they were experiencing. With greater control, a deeper understanding, and a cleaner environment, High Grade learned to crop steer with precision, leading to a notable increase in yield and overall quality of their cannabis.

**"Once we did make the switch, everybody on the High-Grade team was on board and excited about the root growth, overall plant growth, and most of all, the consistency of the final product."**

— Lee Bossard, Head of Cultivation

**We shaved a week off in veg because we're getting much better growth with Pargro, and better yet, we're using a lot less water,**

— Lee Bossard, Head of Cultivation





## Superior Customer Service & Accountability

When you grow in Pargro products, you also benefit from Grodan's 50+ years of cultivation experience and knowledge of indoor cannabis cultivation. For Lee and the team, the transition from competing wool to Pargro was made much easier given the level of support and guidance provided by sales and business support throughout the completion of the trial process and moving forward. At Grodan, your success is our success.

**"The rooms that we've been pulling down this year are way bigger than what we were yielding before we made the switch to Pargro."**

— Lee Bossard, Head of Cultivation

To learn more about our Pargro products or to request a trial, contact us directly at [info@grodan101.com](mailto:info@grodan101.com) or visit our contact page at [Grodan101.com](https://www.Grodan101.com).



### High Grade's Product List

#### GROWING MEDIA:

- Pargro Precut Slabs
- Pargro Small Blocks (4x4x2.6)
- Pargro Jumbo (6x6x4)
- Grodan Starter Plugs

#### LIGHTING:

- LED

#### IRRIGATION:

- Pressure Compensating Drip Emitters



[www.Grodan101.com](https://www.Grodan101.com)

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