

ARVUM PLANT LABS

RAPID LEAF TISSUE NUTRIENT ANALYSIS

CASE STUDY:

Making Big Changes Quickly - A Case Study in Cost Reduction

TLDR: A cultivator in Santa Barbara, California had to rapidly cut costs without compromising product quality or yield. Arvum helped them identify ways to save money on their growing medium and fertilization program. The cultivator was able to make the cuts it needed to without losing any yield or product quality and the grow remained financially viable.

Introduction:

Welcome! In this case study we explore a challenging situation faced by a cultivator operating a large converted cut flower greenhouse in Santa Barbara, CA.

The Situation:

This cultivator found themselves in a distressed state, urgently needing to reduce costs. Making drastic changes so quickly in such a large facility without compromising quality or yield posed a significant obstacle. Their number one concern was making sure that their plants didn't suffer so they started this process with a call to Arvum Plant Labs.

Designing a Solution:

After conducting a thorough review of their growing media, fertilization program, and plant nutrient analysis using leaf tissue testing with Arvum the cultivator recognized the need for a complete overhaul of their plant nutrient program to achieve cost savings. They were aware, however, that such changes could lead to a temporary decrease in yield, quality, and revenue. Balancing the need for cost reduction with the potential risks posed a significant challenge. Collaborating closely with the client, Arvum Plant Labs developed a comprehensive weekly plant tissue testing program with rapid turnaround times. Additionally, the cultivator had weekly data review calls with Arvum to review the test results and other data points. This program allowed for almost real-time optimization of the cultivator's fertilization program, ensuring that the cultivator was making informed decisions and that the adjustments were timely.

Mission Accomplished:

By implementing an aggressive plant nutrient management program using rapid leaf tissue analysis this facility was able to make substantial changes to their nutrient and growing media programs based on objective data without enduring a costly and time-consuming process of trial and error. By closely monitoring plant nutrition levels and making informed decisions, the client successfully reduced costs quickly, which ensured the continued operation of the facility.

Conclusion:

This case study highlights the effectiveness of rapid weekly tissue testing in achieving significant cost reduction while maintaining quality and yield. By partnering with Arvum Plant Labs and implementing an intensive testing program, the client overcame the challenges associated with making drastic changes in a large facility. The ability to optimize plant nutrition levels in near real-time empowered the client to reduce costs swiftly and secure the future of their operations.

If you find yourself in a similar situation, facing the need for rapid cost reduction without compromising quality or yield, consider the transformative impact of intensive tissue testing. Arvum Plant Labs is dedicated to providing tailored solutions to help you achieve your goals. Contact us today to embark on a journey of cost reduction and operational excellence.

Empowering Growers | Transforming Cultivation

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