GROWERTALKS

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BioWorks Introduces New Stemmer Plant Health Product

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Stemmer, a new highly soluble, silicon-based plant-health product from BioWorks, is said to help reinforce plant cell walls, optimize nutrient and water use efficiency, and enhance crop performance under challenging growing conditions. From salinity and high EC levels to intense solar radiation and temperature extremes, Stemmer provides season-long support that results in greener plants that are better equipped to perform under challenging growing conditions.

That is thanks to silicon. As BioWorks puts it, “Silicon deposition within plant tissues reinforces cell wall architecture, enhancing tissue strength, stem rigidity and overall plant resilience. Increased silicon availability also facilitates the translocation and utilization of relatively immobile nutrients, particularly calcium, supporting cell wall development, tissue quality and improved crop vigor throughout entire lifecycles.”

Stemmer is a fully soluble formulation that allows for easy mixing and application across greenhouse, nursery, high tunnel and field production systems.

A few of the benefits as revealed in plant trials:

- In a poinsettia rooting trial, two days after treatment, 80% of Stemmer-treated cuttings had initiated roots, compared to 30% of untreated controls. Seven days after treatment, 100% of Stemmer-treated cuttings had reached transplant-ready status (10-plus roots), while only 80% of untreated cuttings had reached the same stage.
- In two cherry field trials, Stemmer increased the calcium content in leaf tissue by 23% and 31% and had improvements in both leaf structure and fruit quality. The cherries had more uniform color and were reported firmer by the grower in the Stemmer treated fields.

For more product details, trial results and state registration information, visit the Stemmer product page.

Stemmer is available now throughout the U.S. (except California) through authorized BioWorks distributors. **GT**