



SilverStim™

Nature's Solution for Enhanced Crop Performance

This isn't just another biostimulant; it's a breakthrough inspired by the power of nature.

By tapping into the stress-adaptive traits of *Parthenium argentatum*, we unlock a natural solution to enhance the resilience of other crops. The very characteristics that allow it to endure desert extremes are harnessed to improve stress tolerance, yield, and quality in plants facing their own challenges—drought, heat, or poor soil conditions.

SilverStim™ — a solution designed to empower crops to perform under pressure, just like *Parthenium argentatum* does every day.

Key Benefits:

- Improved stress tolerance
- Enhanced yield and quality
- Low use rates for cost-effective application
- Compatibility with existing crop management practices
- Increased nutrient uptake



SilverStim™ is designed to reduce operational costs, improve quality and yield, and enhance plant resilience against abiotic stress. This naturally sourced plant extract is applied at low rates of 2 to 10 fl. oz. per acre, making it compatible with most crop protection, nutrient, and biological applications. It offers exceptional stability with an 18-month shelf life.

Growers have experienced and documented the following results when using SilverStim™ :

- When applied with herbicides, it supports and enhances **weed control** through improved **burn-down**
- Tomatoes: Up to **53% yield increase** along with improved overall quality
- Strawberries: **20% higher BRIX** and **30% higher yield**
- Cotton: **9.8% yield boost**



SilverStim™ has been tested through 142 field studies in 40 different crops over six years. The majority of the testing was conducted by third-party investigators. Major findings are as follows:

Crop	Yield Increase	Region	Number of Studies
Tomatoes, Carrots, Melons	Yield and quality improvement	General	12 Studies
Field Corn	4.8% median	General	34 Studies
Soybean	5.7% median	General	22 Studies
Mandarin Oranges	4.6%	General	4 Studies
Wine Grapes	6.4%	California	41 Studies
Cotton	9.8%	California, Arizona, Texas	11 Studies
Alfalfa	18%	Arizona, California	6 Studies
Tree Nuts	3.7% to 18%	California	4 Studies
Wheat	4.3%	Arizona, California	3 Studies
Peppers	14%	Arizona, New Mexico	5 Studies
Desert Durum Wheat	30%	Arizona	Farm Study
Sweet Corn	11%	California	Third-Party Research
Field Corn	14%	California	Third-Party Research
Field Corn	12%	Ohio	Farm Study
Pima Cotton	14%	California	Farm Study
Alfalfa	12%	Arizona	Third-Party Research
Carrots	8.4%	California	Third-Party Research
Carrots	9%	California	Major Grower

For detailed studies and trial data, dating back to 2016, demonstrating increased yield and quality in crops such as grapes, carrots, melons, sugar beets, green peppers, citrus, tree nuts, leafy greens, and pome fruits please contact Biodel AG