HELM CROP SOLUTIONS

SUPERCHARGING SUGARCANE

Sugarcane production exemplifies the crucial source (leaves) to sink (stalk) relationship that drives yield in diverse growing environments. Whether post-harvest or in newly established fields, fostering plants with large, healthy and highly photosynthetically active leaves is key to producing the most vigorous cane.

Sycon enhances this process by maximizing the plant's ability to generate abundant photosynthetic cells in each leaf to ensure robust growth until the next harvest.

Sycon

Sycon's proprietary bio-stimulants and unique nutritional complex magnifies an existing nitrogen program. It specifically helps with:

- Increasing the production of amino acids and proteins
- Promoting cell division in leaves and stalks, and maximizing photosynthesis
- Supporting robust stalk structures for sugar storage, with stalk size correlated to adequate potassium

Enhances Nutrient Use Efficiency

Creates Nutritional Balance

Increases Chlorophyll Content

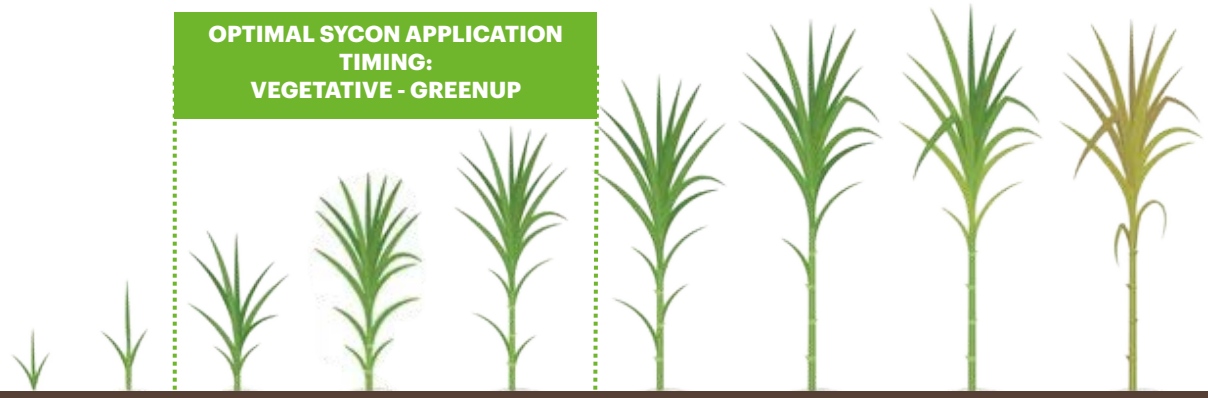
Promotes Yield Development

EFFECTS ON THE PLANT

Sycon is a unique formulation of **proprietary bio-stimulants, potassium, sulfur, nitrogen, manganese and zinc.** HELM's genomic research has revealed Sycon enhances sugarcane and other crops by**:**

- Elevating CO_2 acquisition for superior growth and higher yields
- Improving nitrogen use efficiency to increase amino acids and proteins, which also creates higher yields
- Boosting potassium and sulfur uptake and utilization for water use efficiency during heat and drought stress

OPTIMAL SYCON APPLICATION TIMING: VEGETATIVE - GREENUP



Sycon

SYCON BENEFITS

- Studies show increased yields in programs with this technology across a variety of crops
- Works across all growing environments and conditions through multiple active ingredients
- Excellent tank mix partner with easy-to-use formulation that allows for safe handling and application
- Highly compatible in a tank mix with a low use rate
- Distinguished crop and environmental safety profile

PRODUCT SPECIFICATIONS

Brand Name	**Sycon**
Category	Bio-stimulant and nutritional (crop development and crop defense)
Active Ingredient	Complex of nutrients and proprietary plant metabolites
Crops	All
Formulation	Liquid solution
Packaging	2x2.5 gal 264-gal tote
Applications Sugarcane	Vegetative through greenup
Rate	Recommended at 22 fl oz/A

Sycon utilizes multiple avenues to achieve three main effects.

Nutrient Use Efficiency

Improved nitrogen use efficiency results in increased uptake and assimilation into amino acids and proteins.

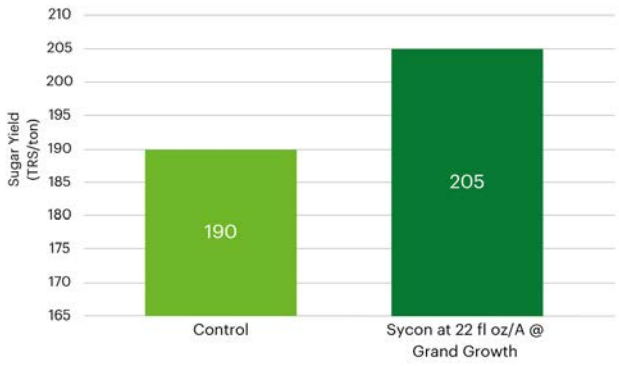
Energy

Greater CO_2 uptake and elevated photosynthetic activity increases available energy.

Vitality

Metabolites affect and regulate the plant's immune response to biotic and abiotic stressors.

LOUISIANA SUGARCANE



Applications were made with fungicide and insecticide.

Recent Louisiana trials demonstrated:

- An 8% YOY increase in total recoverable sugar
- A 6:1 ROI at $0.37/lb (market price)
- Significant increases in overall biomass

HELM CROP SOLUTIONS

For more information visit **HELMcrop.com**.

HELM Crop Solustions | 401 E. Jackson St. | Suite 1600 | Tampa, FL 33602
P: 813.621.8846 | F: 813.621.0763

Always read and follow label directions. HELM® is a registered trademark of HELM AG. Sycon is a trademark of Unium Bioscience Ltd.
©2026 HELM Agro US, Inc.