

Soil Nutrition Solutions

L-CBF BOOST™ 4-0-3-2S

QLF Agronomy L-CBF BOOST™ 4-0-3-2S (liquid carbon based fertilizer) is a combination of balanced crop nutrients with complex carbon sources. Feeding soil biology and enhancing plant nutrient availability.

CHARACTERISTICS

- **Provides a BOOST:** 30% sugars and packaged with a fermentation yeast extract in L-CBF BOOST™ help increase soil microbes and support plant growth. Microbes help make nutrients more plant-available, improve soil structure and speed residue decomposition.
- **Limit Risk of Leaf and Root Burn:** When added to UAN, L-CBF BOOST™ can help reduce the risk of leaf and root burn often caused by UAN 28-32% N applications.
- **Reduce Losses to Drift:** Adding L-CBF BOOST™ to other liquids and sprays can limit losses to drift.
- **Compatible:** L-CBF BOOST™ is compatible with most other liquid fertilizers. Always perform a compatibility “jar” test before application.
- **All Major Crops:** L-CBF BOOST™ has a low pH (3.4) and can be applied to corn, soybeans, alfalfa and small grains. Ask your consultant for more information on dilution rates and application methods.



ANALYSIS

Total Nitrogen (N)	4.0%
0.7% Ammoniacal Nitrogen	
3.3% Other Water Soluble Nitrogen	
Soluble Potash (K ₂ O)	3.0%
Sulfur (S)	2.0%
2.0% combined Sulfur (S)	

INGREDIENTS

Derived from Sugar Cane Molasses, Urea, Ammonium Sulfate, and Sulfuric Acid

TECHNICAL

Net Weight: Bulk as Invoiced	
Weight Per Gallon lbs/gal at 68°F	11.0
Specific Gravity	1.324
pH at 68°F	3.4
Sugar	30%

APPLICATION

Combine L-CBF BOOST™ with other liquids at a 10-20% inclusion rate (e.g. corn, wheat, grasses.) Refer to soil test and your consultant for specific uses.

Crop	Placement	Rate Per Acre
Corn	All row placements	1-5 gal
	Inclusion with UAN 28-32% Nitrogen	10%-20%
Soybeans	Banded (near the row + water)	2-3 gal
	Foliar (V1-V3) and (R1-R3)	1-3 gal
Alfalfa	Broadcast (0-7 Days Post Cutting)	5-10 gal
Wheat	All row placements	1-3 gal
	Inclusion with UAN 28-32% Nitrogen	10%-20%



*Results may vary. Always perform a compatibility jar test before application.

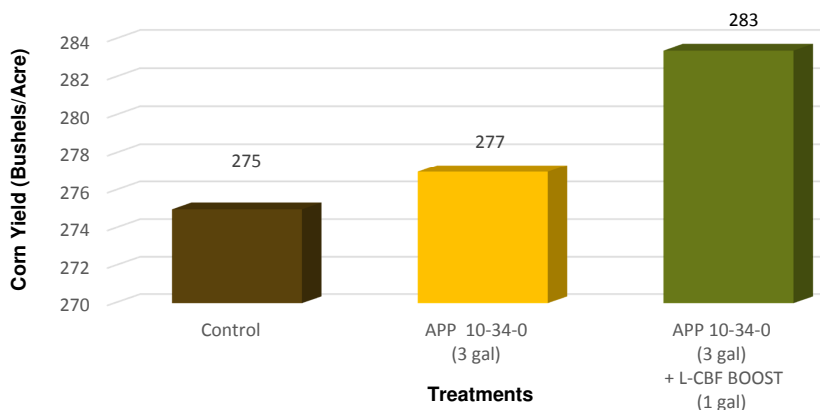
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In-Furrow L-CBF BOOST™ Trial

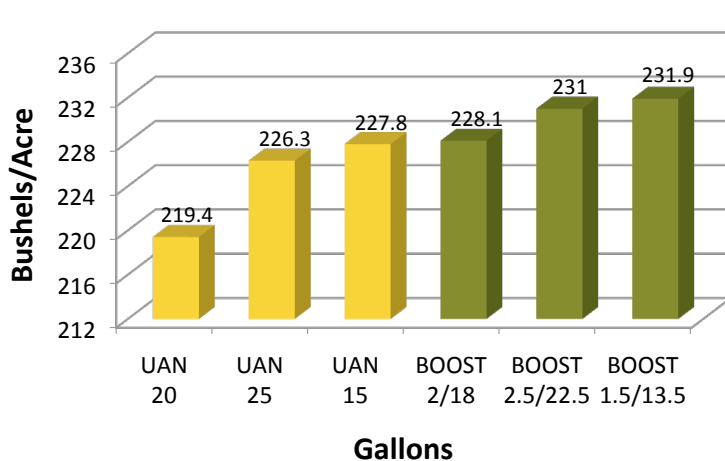
University of Illinois - Champaign, IL



Corn Nitrogen Side-Dress Trial

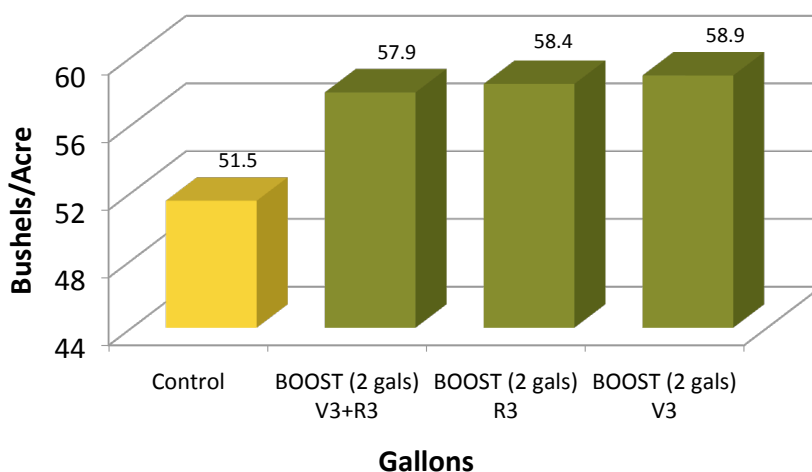
L-CBF BOOST™ 10% Inclusion with UAN 32%

Precision Agriculture-Clarion, IA



BOOST™ Foliar Soybean Study

Precision Agriculture-Clarion, IA



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