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 (3.7) 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 (K₂O):** 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:** 11.10
- **Specific Gravity:** 1.324
- **pH at 68°F:** 3.7
- **Critical Low Temperature:** 20°F
- **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.

<table>
<thead>
<tr>
<th>Crop</th>
<th>Placement</th>
<th>Rate Per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>All row placements</td>
<td>1-5 gal</td>
</tr>
<tr>
<td></td>
<td>Inclusion with UAN 28-32% Nitrogen</td>
<td>10%-20%</td>
</tr>
<tr>
<td>Soybeans</td>
<td>Banded (near the row + water)</td>
<td>2-3 gal</td>
</tr>
<tr>
<td></td>
<td>Foliar (V1-V3) and (R1-R3)</td>
<td>1-3 gal</td>
</tr>
<tr>
<td>Alfalfa</td>
<td>Broadcast (0-7 Days Post Cutting)</td>
<td>5-10 gal</td>
</tr>
<tr>
<td>Wheat</td>
<td>All row placements</td>
<td>1-3 gal</td>
</tr>
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</table>
QLF Agronomy L-CBF BOOST™ 4-0-3-2S is a combination of balanced crop nutrients with complex carbon sources. QLF’s Soil Nutrition Solutions feed soil biology and enhance plant availability.

L-CBF products provide a growth BOOST. A BOOST in growth for the microbial population in the soil to directly support healthy and productive soils. Along with supplying a critical form of readily available carbon as sucrose, L-CBF products provide a balanced nutritional package specific to the sustainability and longevity of highly productive soils.

L-CBF BOOST™ 4-0-3-2S Product Characteristics:

- Provides a BOOST in Growth for Microbial Population: QLF Cane Molasses with 30% sugars packaged with a fermentation yeast extract in L-CBF BOOST™ help increase soil microbes and support plant growth. Microbes help make soil 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.
- All Major Crops: L-CBF BOOST™ has a low pH (3.5) and can be applied to corn, soybeans, alfalfa and small grains. Ask your consultant for more information on dilution rates and application methods.
- Compatible: L-CBF BOOST™ is compatible with most other liquid fertilizers. Always perform a compatibility “jar” test before application.

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