QLF Agronomy L-CBF 7-21-3 MKP Starter (liquid carbon based fertilizer) is a combination of balanced crop nutrients with complex carbon sources. Feeding soil biology and enhancing plant nutrient availability.

L-CBF 7-21-3 MKP promotes early plant and root growth for stronger starts and higher yields.

**CHARACTERISTICS**

- **High Orthophosphate Blend**: derived from the most concentrated 100% orthophosphate water soluble fertilizer available, MKP (monopotassium phosphate) is over 50% $P_2O_5$ and 34% $K_2O$

- **Provides a BOOST in Growth**: 7% sugars derived from QLF Cane Molasses and packaged with a fermentation yeast extract to help increase soil microbes and support plant growth. Microbes help make nutrients more plant-available, improve soil structure and speed residue decomposition.

- **All Major Crops**: L-CBF 7-21-3 MKP is a stand-alone starter that 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) ..................................... 7.0%
- 4.8% Ammoniacal Nitrogen
- 2.2% Urea Nitrogen
- Available Phosphate ($P_2O_5$) ................... 21.0%
- Soluble Potash ($K_2O$) ............................... 3.0%

**INGREDIENTS**

Derived from Sugar Cane Molasses, Urea, Monopotassium Phosphate, Ammonium Polyphosphate Solution

**TECHNICAL**

- Net Weight: Bulk as Invoiced
- Weight Per Gallon lbs/gal at 68°F .............. 11.2
- Specific Gravity ........................................ 1.341
- pH at 68°F..................................................... 5.6
- Sugar ........................................................... 7%

**APPLICATION**

L-CBF 7-21-3 MKP can be applied using the following methods:

<table>
<thead>
<tr>
<th>Crop</th>
<th>Placement</th>
<th>Rate Per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>In-Furrow</td>
<td>3-7 gal</td>
</tr>
<tr>
<td></td>
<td>Banded 2X2</td>
<td>5-10 gal</td>
</tr>
<tr>
<td></td>
<td>Foliar (V3-V8)</td>
<td>3-5 gal</td>
</tr>
<tr>
<td>Soybeans</td>
<td>Banded (near the row + water)</td>
<td>2-3 gal</td>
</tr>
<tr>
<td>Alfalfa</td>
<td>Broadcast (0-7 Days Post Cutting)</td>
<td>5-10 gal</td>
</tr>
</tbody>
</table>

Both sides treated with Dawn Strip Till + banded fertilizer
300 lbs./acre of balanced dry fertilizer blend
10 gal/acre of 28% UAN + 2 gal/acre of BOOST

Control
198 Bushels/Acre
5 gal Water
In Furrow

L-CBF 7-21-3 MKP
210 Bushels/Acre
5 gal/a
In Furrow
Corn Silage Performance - Muleshoe, TX

Yield as Fed

Fiber Quality

Real Farm Research - In-Furrow Corn
Mitchell, South Dakota

Agri-Tech Consulting - In-Furrow Corn
Whitewater, Wisconsin

L-CBF 7-21-3 MKP Starter

Soil Nutrition Solutions