**Kwik Start LS**

3-10-1

**GUARANTEED ANALYSIS**

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Nitrogen (N)</td>
<td>3.0%</td>
</tr>
<tr>
<td>Available Phosphate</td>
<td>10.0%</td>
</tr>
<tr>
<td>Soluble Potash (K₂O)</td>
<td>1.0%</td>
</tr>
</tbody>
</table>

Derived from anhydrous ammonia, phosphoric acid and potassium hydroxide

**DIRECTIONS FOR USE**

Kwik Start LS® may be used as a pop-up, in-furrow at 4 to 8 gallons per acre. Kwik Start LS® is not compatible with conventional calcium based fertilizers.

**SOIL APPLICATION RATES**

Kwik Start LS® may be applied pre-plant, as a pre-plant and side dress, fertigated, top dressed, broadcast or banded to the soil. To apply alone, may be diluted with water to ensure uniform distribution.

**FIELD CROPS, VEGETABLE CROPS:** Kwik Start LS® may be used at 1:50 to 1:100, depending on the crop.

**ROW CROPS, FIELD CROPS & VEGETABLES:** Apply 5 to 30 gallons per acre at a surface or sub-surface band. Repeat applications are beneficial.

**FRUIT CROPS, ORCHARDS & VINEYARDS:** Apply 5 to 30 gallons per acre 3 to 5 inches deep to the root line, or a surface band and water into the soil. Repeat applications are beneficial.

**TRANSLANT WATER:** FIELD & ROW CROPS, VEGETABLE & FRUIT CROPS, ORCHARDS & VINEYARDS: Apply 5 to 30 gallons per acre in a minimum of 100 gallons of solution, not to exceed a 3% Kwik Start LS® to water solution concentration.

**FERTIGATION APPLICATION RATES**

**FIELD & ROW CROPS, ORCHARDS & VINEYARDS:** Apply 5 to 8 gallons per acre in a minimum of 100 gallons of solution.

**FIELD & ROW CROPS, FIELD CROPS & VEGETABLES:** Kwik Start LS® may be used at 1:50 to 1:100, depending on the crop.

**FRUIT CROPS, ORCHARDS & VINEYARDS:** Inject 5 to 30 gallons per acre 3 to 5 inches deep to the root line, or a surface band and water into the soil. Repeat applications are beneficial.

**TRANSPLANT WATER:** FIELD & ROW CROPS, VEGETABLE & FRUIT CROPS, ORCHARDS & VINEYARDS: Apply 5 to 30 gallons per acre in a minimum of 100 gallons of solution, not to exceed a 3% Kwik Start LS® to water solution concentration.

**FOLIAR APPLICATION RATES**

**FIELD & ROW CROPS, VEGETABLE & FRUIT CROPS:** Use 5 to 20 gallons per acre per irrigation. Continue irrigation for a minimum of 1 hour after application to maximize fertilizer distribution.

**GENERAL INFORMATION**

Kwik Start® LS will be influenced by various soil and environmental factors and should be applied under conditions of optimum plant growth. Optimum conditions are defined as adequate humidity, moderate temperatures and adequate or moist soil. Optimum conditions for most crops generally occur during morning and late evening hours.

**CAUTION:** If any other chemicals are to be used in the spray mixture, be sure to check compatibility. Kwik Start® LS is not compatible with inorganic salts of heavy metals. Do not mix Kwik Start® LS with conventional calcium based fertilizers.

**WARRANTY:** Since weather, crops, soil and other conditions may vary, neither Actagro®, LLC, nor the Seller make a warranty of any kind, expressed or implied, concerning the use of this product. The user assumes all risk of use and handling whether or not in accordance with directions or suggestions.

Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metal.htm

Not all Actagro® products are compatible with one another or when mixed with other fertilizers and/or pesticides on the market. A small scale compatibility test is recommended prior to mixing.

**MIXING INSTRUCTIONS**

1. Partially fill tank with water and start agitation.
2. Add pesticides or other nutrients.
3. Add Kwik Start® LS to circulating tank mix.
4. Fill tank and agitate thoroughly.

**Foliar**

**VEGETABLES AND LEAFY CROPS:** Apply 1/2 to 2 gallons per acre in enough water for thorough coverage. The maximum recommended concentration of Kwik Start® LS® to water is 1:5. Repeat applications are beneficial.