Use AMP Boron 10 for fall and pre-plant boron deficiency prevention. Boron 10 is the product of choice for broadcast and band boron applications in a wide range of conditions.

**GUARANTEED ANALYSIS**

<table>
<thead>
<tr>
<th>Component</th>
<th>Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boron</td>
<td>10.0%</td>
</tr>
<tr>
<td>Sulfur</td>
<td>1.5%</td>
</tr>
<tr>
<td>Water Soluble (B)</td>
<td>50%</td>
</tr>
<tr>
<td>Uniforming Index</td>
<td>50.0%</td>
</tr>
<tr>
<td>Color</td>
<td>Dark Gray/Brown</td>
</tr>
<tr>
<td>Bulk Density</td>
<td>65lbs./ft³</td>
</tr>
</tbody>
</table>

**BORON 10**

- **Crop essential sulfur at 1.5%.** All the sulfur in Boron 10 is in the immediately available sulfate form.
- **Boron 10 delivers 33% more granules per acre than a 15% boron product.** More granules per acre results in more results in better distribution and availability.

**BORON FUNCTIONS IN PLANT**

- Transporter of sugars through cell membranes
- Required for cell division and development
- Involved with plant's utilization of nitrogen and phosphate
- Involved in the synthesis of protein and nucleic acids
- Required for germination of pollen grains, flowering and reproduction, and seed formation

**BORON CAN BE DEFICIENT IN**

- Sandy, low organic matter, well leached soils
- High soil pH
- Dry and drought conditions
- Soils with high nitrogen and calcium
- Cold, wet weather

**SYMPTOMS**

- Poor fertilization and poor seed and/or fruit set
- Stunting and/or death of terminal bud (rosetting)
- Yellowing of new growth, reduced flowering
- Barren heads/stalks or poorly filled ears
Comparison

<table>
<thead>
<tr>
<th>Product</th>
<th>Analysis</th>
<th>Product Rate Per Acre</th>
<th>Actual Nutrient per Acre</th>
<th>Granules per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boron 10</td>
<td>10.0% B</td>
<td>10#</td>
<td>1.0#</td>
<td>.15#</td>
</tr>
<tr>
<td>Other</td>
<td>15.0% B</td>
<td>7#</td>
<td>1.0#</td>
<td>.00#</td>
</tr>
</tbody>
</table>

CRITICAL LEVELS IN PLANT AND SOIL TESTS

Plant Tissue: parts per million (ppm)
Critical levels at about 10-100 ppm
- Corn: 5-25 ppm
- Alfalfa: 30-80 ppm
- Wheat: 5-25 ppm

Soil Test: parts per million (ppm), 0-6", Mehlich III extraction
- Deficient: <0.5 ppm
- Marginal: 0.5-1.0 ppm
- Sufficient: >1.0 ppm

Advanced Micronutrient Products are treated with a superior dust coating and are uniform in size for excellent blending properties. We combine the agronomic water-solubility of sulfates with the economics of oxide materials. Advanced Micronutrient Products uses the latest technology in product manufacture. Bags are color coded for easy identification. Available in bulk, one-ton super sacks or 50# bags. Bagged product comes on non-returnable pallets with protective cardboard inserts and shrink-wrap. All AMP micronutrients have been environmentally screened for safe use.