Ascend®
Harness the power of a plant growth regulator.

Formulated For Healthy Growth
Accelerate leaf, stem and root growth and health with AgriSolutions™ Ascend® plant growth regulator. Ascend® contains an optimum combination of three plant growth regulators and can be used as a seed treatment, in furrow or foliar application. Ascend® plant growth regulator can also be applied by ground, air or chemigation.

Plant Growth Regulator Benefits
- **Cytokinin** is a natural plant growth regulator that promotes cell division and leaf expansion while slowing leaf aging.
- **Gibberellic acids** are naturally occurring plant growth regulators that stimulate cell division and elongation in leaves and stems.
- **Indolebutyric acid** is a plant growth regulator that stimulates vigorous root formation and development, and increases cell elongation.

Application Rate And Timing
A typical foliar use rate is 3.2 ounces per acre for Ascend® plant growth regulator in most crops. Use 4.5 to 6 ounces per acre for corn in-furrow. Ascend® plant growth regulator may be applied multiple times in most crops. Use 1 to 4 ounces per hundred pounds of seed as a seed treatment. See label for specific rates and timing for each crop.

Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Cytokinin, as kinetin</em></td>
<td>0.090%</td>
</tr>
<tr>
<td><em>Gibberellic acid</em></td>
<td>0.030%</td>
</tr>
<tr>
<td><em>Indolebutyric acid</em></td>
<td>0.045%</td>
</tr>
<tr>
<td>Other ingredients</td>
<td>99.835%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

*Contains 0.03 ounce cytokinins, 0.015 ounce indolebutyric acid and 0.01 ounce gibberellic acid per quart.
Ascend® plant growth regulator weighs 9.3 pounds per gallon.
Ascend® Plant Growth Regulator

Diverse Crops

Ascend® plant growth regulator is labeled for use on a wide variety of crops:

**Vegetable crops**
- Asparagus
- Beans
- Broccoli
- Cabbage
- Cantaloupe
- Carrots
- Celery
- Cucumbers
- Eggplant
- Honeydew
- Lettuce
- Muskmelon
- Okra
- Parsley
- Peas
- Peppers
- Potatoes (white, red and sweet)
- Radishes
- Spinach
- Squash
- Tomatoes
- Turnips
- Yams
- Watermelons

**Field crops**
- Alfalfa
- Barley
- Canola
- Corn (field, pop and sweet)
- Cotton
- Flax
- Grain sorghum
- Mint
- Oats
- Peanuts
- Rice
- Rye
- Soybeans
- Sugar beets
- Sugarcane
- Sunflower
- Wheat

**Fruit crops**
- Apples
- Bananas
- Citrus (grapefruit, lemon, lime and orange)
- Grapes
- Guavas
- Mayhaw
- Papayas
- Stone (apricot, cherry, nectarine and peach)
- Strawberries

**Turf grass**
- Warm and cool season

Packaging
- 4 x 1-gallon case

**Effects of AgriSolutions™ Zn 10% and Ascend® Applied in-Furrow at Corn Planting**

<table>
<thead>
<tr>
<th>TREATMENT</th>
<th>YIELD (bu./A)</th>
<th>GROSS INCOME** ($/A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check</td>
<td>143.3</td>
<td>573.2</td>
</tr>
<tr>
<td>10-34-0</td>
<td>148.3</td>
<td>593.2</td>
</tr>
<tr>
<td>10-34-0 + AgriSolutions™ Zinc 10%</td>
<td>154.0</td>
<td>616.0</td>
</tr>
<tr>
<td>10-34-0 + AgriSolutions™ Zinc 10% + Ascend®</td>
<td>163.0</td>
<td>652.0</td>
</tr>
</tbody>
</table>

**EVALUATION OF PLANT GROWTH REGULATORS ON THE YIELD AND QUALITY OF POTATOES. COLUMBIA BASIN, WASHINGTON, 2004**

**EVALUATION OF PLANT GROWTH REGULATORS ON THE YIELD QUALITY OF COTTON. BRAZOS COUNTY, TEXAS, 2004**

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