

Ascend[®]

Harness the power of a plant growth regulator.

Formulated For Healthy Growth

Accelerate leaf, stem and root growth and health with AgriSolutionsTM 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

*Cytokinin, as kinetin	0.090%
*Gibberellic acid	0.030%
*Indolebutyric acid	0.045%
Other ingredients	99.835%
TOTAL	100%

*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

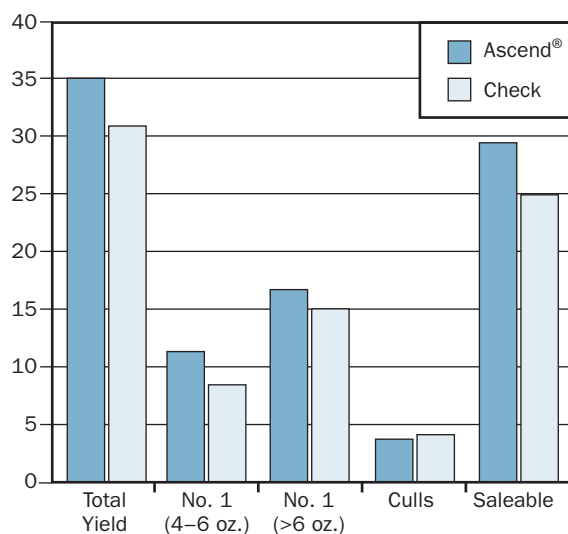
Turf grass

- Warm and cool season

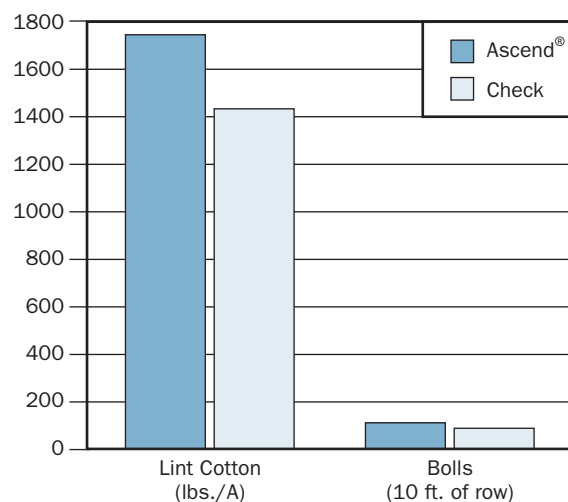
Packaging

- 4 x 1-gallon case

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



EFFECTS OF AGRISOLUTIONS[™] ZN 10% AND ASCEND[®] APPLIED IN-FURROW AT CORN PLANTING*

TREATMENT	YIELD (bu./A)	GROSS INCOME** (\$/A)
Check	143.3	573.2
10-34-0	148.3	593.2
10-34-0 + AgriSolutions [™] Zinc 10%	154.0	616.0
10-34-0 + AgriSolutions [™] Zinc 10% + Ascend [®]	163.0	652.0

*Westra, Colorado State University, 2006.

**Income based on a corn price of \$4.00 per bushel.