Agronomic Innovations from Your Agronomy Leader

ProLock
Aurora Bean Starter (ABS)
Attain
N-Cline
AgPro
Upsurge ST
Realize
Frenzy Attack
Evito

AURORA COOPERATIVE

Putting owners’ equity to work.
R2G®

“Ready 2 Grow”

R2G Ready 2 Grow is more than a slogan for Aurora Agronomy—it is a commitment to help growers maximize profits from their crops. When you see R2G, you can have confidence that you’re working with the industry’s agronomy leader. We are completely focused on those technologies, products and research that can best help you increase your entire farm income.

Products and services in the R2G portfolio from Aurora Agronomy are designed to be your strategic path toward improved plant health, optimal plant performance and higher yields.

At Aurora Agronomy, we don’t bring a new product or innovation to our customers until we’ve seen it work for ourselves—over several seasons. And we test these products right here in our own Real Farm Research® plots. So you know that anything Aurora Agronomy brings to you—from seed genetics to crop protection, from fertilizers to seed treatments—has been proven under the same growing conditions you find on your farm.

Because when it comes to agronomy, local matters. Big time.

R2G gives you the assurance we have done an extensive certification process to ensure those products are produced under the highest quality standards, tested within Real Farm Research® trials and will improve the ROI in your fields and increase your bottom line.
PRO-LOCK®
STARTER FERTILIZER ENHANCER

- A proprietary product available only from Aurora Agronomy
- A special blend especially for use with in-furrow starter fertilizers on corn
- Compatible with the majority of row-placed starters
- Uniquely formulated to enhance availability of both applied phosphate and existing soil phosphate
- Promoted early and even seedling emergence
- Accelerates root system development
- Increase availability of nitrogen, sulfur and other nutrients
- Helps improve emergence, especially when planting in wet, cool soils
- Enhances year-end yields by improving stand uniformity and reducing plant stress

EMERGENCE TEST RESULTS

<table>
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<th>DATE</th>
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<th>FLAG COLOR</th>
<th># OF EARS</th>
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<td>Pink</td>
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Plant Date: 4/24/2016
Population: 34,000
Weighted Avg. Yield Estimate 250.75
AURORA BEAN STARTER™
MICRONUTRIENT BLEND
FOR SOYBEANS

- A proprietary product available only from Aurora Cooperative
- Specially formulated for soybeans
- Stimulates microorganism in the seed bed for more efficient nutrient uptake
- Increases nodulation and root mass
- Contains ortho/ortho iron formulation to combat iron deficiency chlorosis
- Can be applied at planting up to R1 growth stage
- As an in-furrow starter, ABS promotes early growth and emergence, especially in cool, wet soils
- Foliar application enhances early growth by improving nutrient availability
- Improves stand uniformity and overall plant health
- Stable formulation requires no additional agitation
- Enhances yields by improving plant health from the start
The R2G Product Portfolio

ATTAIN™
VERSATILE NUTRIENT PACKAGE

• Proprietary product available only from Aurora Cooperative
• High-performance portfolio of nitrogen, sulfur, zinc, manganese and iron
• Typically foliar applied most crops
• Use as a preventive application at planting with your base fertilizer program to help prevent nutrient deficiencies
• Ability to tank-mix with pesticides
• Trials consistently show 4 to 6 bushel yield increase in corn
• Great results on a wide range of crops wheat, dry edible beans, popcorn and more
N-CLINE®
SLOW RELEASE NITROGEN

- Proprietary product available only from Aurora Cooperative
- Releases nitrogen at a gradual, controlled rate to maximize absorption during critical growth stages
- Increased efficiency and performance with quick plant response
- Mixes well with other products while providing high crop safety
- Improves general plant health
- Supplements soil fertility program
- Remains in liquid phase on the leaf surface longer than UAN
- Is 2.5X more effective than UAN at translocation from treated areas
The R2G Product Portfolio

AG PRO
LOW-SALT STARTER FERTILIZER

- Proprietary product available only from Aurora Agronomy
- Low salt index increases seed safety
- Ortho blend provides immediate availability to the plant
- Provides seedling plants with N-P-K for optimal stand establishment
- Enhances early plant vigor and root system development
- Safer than 10-34-0 for in-furrow applications
- Less corrosive on equipment
- 100% water soluble and chloride-free
- Compatible with PRO-LOCK starter fertilize enhancer

An emergence study done by South Dakota State University demonstrates how the 9-24-3 (the blend included in AgPro) shows better emergence than regular 10-34-0.
The R2G Product Portfolio

**UPSURGE ST**

**BIOSTIMULANT SEED TREATMENT**

- A proprietary seed treatment available only from Aurora Agronomy
- Provides essential nutrients and biostimulant additives to help maximize early seedling vigor
- Unique combination of amino acids, vitamins and glucose stimulates germination, shoot elongation and development, and root radicle formation
- Provides building blocks for cell walls, membranes and key growth processes for improved plant health and vigor
- Provides nutrients, carbon intermediates and enzyme activation to allow seedling to focus more energy on growth and healthy development
- Can be applied to corn, soybeans, cereal grains, cotton, rice and sorghum
- Can be mixed with soybean inoculant prior to seed treatment application

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**Graph 1:**

- **UpSurge ST (corn yield)**
- UTC - AgPro 5gal In-Furrow vs. AgPro 5gal In-Furrow & UpSurge ST 2oz/100# seed treatment

**Graph 2:**

- **UpSurge ST (soybean trial)**
- Rate: UpSurge ST 1 oz/cwt
- Bushels/Acre
- Difference Treated vs. Check

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**Not Treated**

**Treated with UpSurge ST**
The R2G Product Portfolio

REALIZE

POWERFUL HORMONE-BASED YIELD ENHANCER

• A proprietary product available only from Aurora Agronomy
• Yield-boosting hormone-based formulation in critical ratios and concentrations
• Reduces plant stress, enhances cell enlargement and increases nutrient uptake capability
• Apply in-furrow or foliar on corn, once per growing season
• Apply up to two times per season on soybeans as directed
• Apply to corn, soybeans, cereal grains, cotton and other crops

Realize (corn yield)

 UTC - AgPro 5gal In-Furrow
 AgPro 5gal w/Realize 8 oz In-Furrow
EVITO® is the next generation, low-use rate strobilurin fungiced with Xylem-Pro Technology™—an innovation in plant health that distributes fungicide throughout the plant, moving to all areas of the leaves with water flow. EVITO works quickly to control the most prevalent diseases in corn and soybeans, at application rates of just ounces per acre. EVITO provides the plant health effect you have grown to expect: increased efficiency of carbon assimilation, nitrogen fixation, water utilization and more. EVITO makes plants healthier by protecting them from yield-robbing diseases.

Crops treated with EVITO will have a greater tolerance to adverse condition and quicker recovery to cold and moisture stress, giving you maximum yield potential.

- Protects your seed investment from seedling diseases such as damping off, Pythium and rhizoctonia
- Real Farm Research indicates that 600-700 more seeds germinate as a result of disease protection, which increases stand emergence
- 2016 data from Real Farm Research shows 8.8 bushel increase over untreated check
Frenzy Attack
Corn • Cotton • Soybeans

Introducing a fast and powerful new weapon for your arsenal! Frenzy Attack is a pre-mix of bifenthrin insecticide plus Veloz Technology. Labeled on more than 150 crops controlling a broad spectrum of insects including worms, aphids, mites and beetles, Frenzy Attack will be the most powerful, fast and versatile insecticide you can buy.

- Fast acting insecticide combination
- More complete control due to faster delivery of insecticide to the target site
- Longest residual control of any pyrethoid
- Convenient 2EC formulation, easy to handle, low use rate insecticide
- Protecting the technology from resistance is critical
- 2 Modes of action/3 way mixtures
- Additional “Contact” points – significantly reduce application and/or environmental risks
- Fuming activity – additional speed & greater effective coverage
- Lateral movement under dense canopy
- Adhesion to underside of vegetation
- Insect control through contact, vapor and ingestion
- Adverse weather – hot/cold complements
- The replacement for Penncap on beetle sprays
Putting your equity to work for better decision-making and better results.

In farming, everything comes down to that fall harvest. That’s when we all get our report card.

But all year long—every day, every hour—there are decisions, opportunities and challenges that ultimately determine your success when the combine finally stops in the fall.

Aurora Cooperative is your resource for better decision making at every juncture. Better agronomic solutions from seed selection all the way through harvest. Grain marketing that helps you capture optimal value from your crop. The right inputs, the right information and the right technology to help you make the most of every minute, every dollar and every acre.

We’re also making decisions on a daily basis that have a direct and dramatic impact on your long-term success. We’re putting your equity to work through the people, facilities, processes, research and technology that will keep you on the cutting edge.

As we make these investments, we carefully analyze each opportunity, assess the risk, and craft a plan for success. Then we act accordingly and swiftly.

When opportunity knocks, we will welcome it with open arms.