

# THE WORLD OF WHEAT IS ABOUT TO CHANGE. FOREVER.



## CoAXium™ Wheat Production System For Annual Grassy Weed Control



CoAXium™ Wheat Production System combines elite varieties with Aggressor™ – a superior ACCase-inhibiting herbicide, AXigen™ – a patented non-GMO herbicide tolerance trait, and industry stewardship. CoAXium™, created by wheat farmers for wheat farmers, provides cost-effective, superior control of winter and spring annual grasses, higher quality grain, increased yield and greater profit margins. CoAXium™ brings wheat growers worldwide the most innovative and comprehensive technology for producing wheat.

For more information visit [CoAXium.com](http://CoAXium.com)

CLEANER FIELDS. HIGHER YIELDS.™

# Plant. Spray. Profit. CoAXium™.



CoAXium™ Wheat Production System is a revolutionary solution for controlling grassy weeds in wheat that not only rob yield, but also reduce the quality of the crop.

CoAXium™ combines Aggressor™, a highly effective, broad-spectrum Group 1 herbicide with an ACCase herbicide-tolerance trait. Aggressor™ works fast to control crop debilitating winter and spring annual grasses. AXigen™ trait protects superior wheat varieties from this same grass herbicide.

In the end, this wheat production system allows growers to produce more, higher quality wheat with less dockage and foreign matter. Just as important, CoAXium™ Wheat Production System is the only system today that has limited soil residual providing growers with greater crop rotation flexibility.

## CoAXium™ Wheat Production System

- ✓ CoAXium™ Wheat Production System is a technology based on the new patented herbicide-tolerance trait for wheat – AXigen™.
- ✓ AXigen™ trait will be available in varieties from both private & public breeding programs.
- ✓ CoAXium™ Wheat varieties will be offered in all key market classes of wheat – HRWW, SWWW & SRWW.
- ✓ Aggressor™ herbicide will be applied to varieties with AXigen™ trait with 2 genes of tolerance.
- ✓ Aggressor™ herbicide will provide broad-spectrum grassy weed control including Group 2 (ALS mode of Action) resistant bio-types.
- ✓ Aggressor™ herbicide brands in the future will include broadleaf weed control solutions tailored to regional production needs providing growers with a complete weed control tool.
- ✓ Wheat Growers and the entire ag industry will play a key role in the education, stewardship and long-term success of the CoAXium™ Wheat Production System.



**CoAXium™ Wheat Production System combines a herbicide-tolerant trait, elite varieties, a new branded herbicide & industry stewardship.**



**Aggressor™ is the new herbicide brand that is tied to the patented trait and drives the control of winter annual grasses in the CoAXium Wheat Production System.**



**AXigen™ is the patented trait that confers tolerance to Aggressor™ herbicide (a Group 1 herbicide) and will be introgressed into elite public and private germplasm.**



## Partnering for Innovation, Performance and Value.

You know a technology will be valuable when the end user communicates a need, becomes involved in the development and is a leading advocate for the end product. This is exactly what happened with the innovative CoAXium™ Wheat Production System.

Farmers asked for it. And equally as important, farmers were a part of its development from inception to launch in the marketplace.



# The Science Behind Better Wheat



If you want to truly understand the power behind CoAXium™ Wheat Production System – Think Inside The Seed™. AXigen™ trait is the science behind better wheat. After years of research, the resulting AXigen™ trait provides tolerance to the exclusive Aggressor™ herbicide brands that protect wheat production from winter and spring annual grassy weeds. Varieties with AXigen™ trait (identified with the “AX” suffix) are

being introduced in all wheat growing regions across the US market with public and private breeding partners. AXigen™ is a patented herbicide-tolerance trait that is packed with potential. AXigen™ is licensed to growers for use exclusively with Aggressor™ herbicide and is ready to help wheat growers around the world produce more, higher quality wheat as a part of the CoAXium™ Wheat Production System.



## Powerful Solutions For Tough Weeds

Aggressor™ herbicides provide consistent, broad-spectrum control of problem grasses including: *Bromus* species, feral rye, jointed goatgrass, wild oats and volunteer cereals.

Used exclusively in conjunction with CoAXium™ varieties, Aggressor™ is a valuable new tool for consistent control of tough winter and spring annual grassy weeds – including Group 2 (ALS inhibitors) resistant biotypes. Aggressor™ herbicides will provide growers with a new mode-of-action, crop and chemical flexibility and consistent, broad-spectrum grassy weed control.



UNTREATED downy brome grass and jointed goatgrass in foreground. TREATED with Aggressor™ herbicide in background.



Feral rye treated with Aggressor™ herbicide on the left and untreated on the right. Trial conducted by Montana State University – Ed Davis.

## Performance You Can Count On

**CoAXium™ Wheat Production System.  
Driven by Aggressor™ Herbicides.**

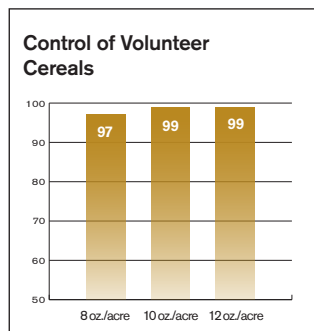
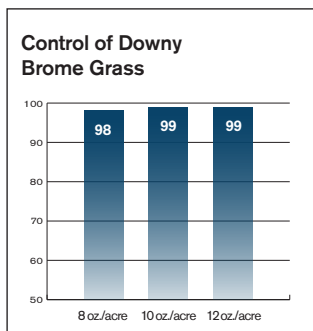
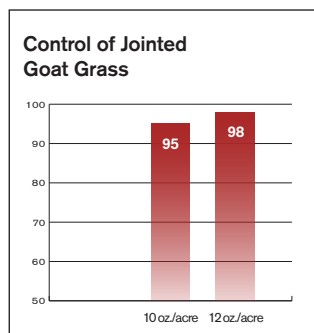
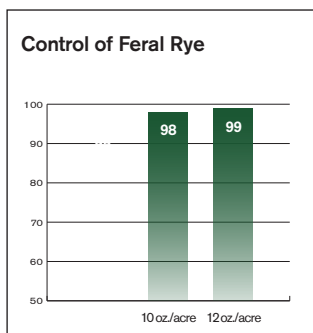
Aggressor™ herbicides, first and foremost, provide performance you can count on. Field after field. Season after season. Aggressor™, the cornerstone of CoAXium™ Wheat Production System, offers tough, unmatched solutions for the toughest weeds. They are Group 1 ACCase inhibiting herbicides that prevent activity of the enzyme which means eradication of susceptible grassy weeds. Aggressor™ herbicide has activity on Group 2 (ALS inhibiting) tolerant grass species like downy brome and jointed goatgrass. Aggressor™ does not have activity on fescue weed species or Group 1 (ACCase) resistant weed species.



Susceptible grassy weeds are killed while herbicide-tolerant plants survive to yield without competition from unwanted grassy weeds.



## Aggressor™ activity on 4 Key Weeds in the US Winter Wheat Market.



Resistant wheat (background) sprayed with Aggressor™ herbicide. Susceptible variety in the foreground.

## Protect Your Technology. Protect Your Wheat. Protect Your Harvest.



In 2018, protecting new agricultural technologies is a priority for everyone in the agricultural industry. The developers of CoAXium™ Wheat Production System are actively focused on protecting the integrity of each of the components of this new and farmer-demanded technology system.

To ensure success of CoAXium™ Wheat Production System, growers are required to use Certified Seed. The quality and genetic purity of Certified Seed assures farmers get maximum performance from inputs and ultimately the strongest, healthiest crop.

In addition to Certified Seed, farmers will also be required to adhere to the CoAXium™ Wheat Production System Grower Stewardship Agreement outlining best management practices on product rates, crop rotation, mechanical and cultural practices and CoAXium™ and Aggressor™ use guidelines in different cropping systems.

Unless otherwise noted, all photos are the property of CoAXium™ Wheat Production System.

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Refer to the Aggressor™ product label for complete directions and instructions.  
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**For more information visit [CoAXium.com](http://CoAXium.com)**



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