

**COAXIUM**  
**WINTER**  
**WHEAT**

# **CLEANER FIELDS HIGHER YIELDS<sup>®</sup>**

**Plant the best weed-destroying  
technology in winter wheat**

CoAXium<sup>®</sup> powered by Aggressor<sup>®</sup> AX herbicide is the latest, most effective wheat production system for controlling cheatgrass, feral rye and other Group 2-resistant grassy weeds. No dockage. No soil residuals. Just higher quality grain, increased yield and greater profit margins.

**FindCoAXium.com**





# SAY GOODBYE TO GRASSY WEEDS

We don't need to tell you how harmful grassy weeds can be to a wheat crop. Grassy weeds compete for light and space, deplete moisture and nutrients, and wreak havoc on the overall health of wheat through every stage of growth — leaving behind a low-quality harvest. **That's why we partnered with farmers across the United States to develop CoAXium.**

The CoAXium® Wheat Production System takes high-performance wheat varieties, breeds them with the non-GMO herbicide tolerance trait AXigen® and pairs them with Aggressor® AX herbicide, an innovative formulation with a Group 1 (ACCase) mode of action.

## Grassy weed control with no herbicide carryover

CoAXium targets problem weeds other wheat production systems can't touch, **delivering 95%+ grassy weed control of:**

- Downy and other brome species
- Feral rye
- Jointed goatgrass
- Wild oats
- Volunteer cereals

## The CoAXium difference

- **Consistent, broad-spectrum grassy weed control.**
- **Aggressor AX = Group 1 mode of action**, targeting previously impossible-to-control Group 2-resistant biotypes.
- **No soil residuals**, removing plant-back restrictions and giving growers crop rotation flexibility.
- **Crop safety** in a proven system. Aggressor AX is only applied to CoAXium varieties with the AXigen trait.
- **Flexibility to fit your acres and growing needs:**
  - **Tank mixes:** Aggressor AX can be combined with many broadleaf weed partners for complete grass and broadleaf control in a single application.
  - **Application rate:** Apply in the fall or spring at rates that match grassy weed size and pressure.
  - **Application timing:** Wide window of crop growth application, from 4 leaf wheat up to stem elongation.

# Elite winter wheat

CoAXium varieties are proven performers. Farmers have seen the impact of CoAXium technology first-hand on their acres for several growing seasons, and more winter wheats with the AXigen trait are in development by private and public breeding programs across the United States.

## Hard red winter wheat

The large and expanding portfolio of CoAXium HRWW includes varieties bred to thrive in the diverse growing conditions of the Central and Northern Plains.

## Soft white winter wheat

CoAXium SWWW was introduced in the Pacific Northwest during the 2022 growing season and has transformed problem acres into profitable ones.

Talk to your seed dealer, ag retailer or agronomist about the best lines for your acres, and **explore available seed at [CoAXium.com/varieties](https://CoAXium.com/varieties)**.



# Revolutionary herbicide

Aggressor AX herbicide was developed specifically for CoAXium wheat with the AXigen trait, delivering a formulation that fits an array of wheat micro-climates and diverse genetic platforms while delivering grassy weed control.

Aggressor AX is a Group 1 ACCase inhibiting mode of action herbicide that prevents activity of the ACCase enzyme, thereby eradicating susceptible grassy weeds. Aggressor AX has activity on Group 2 (ALS inhibiting) resistant/tolerant species such as downy brome and jointed goatgrass — but not on weed species with confirmed resistance to Group 1 herbicides.



# How to use CoAXium

- 1. Select the right CoAXium variety for your region and fields.
- 2. Identify the weed species and level of pressure in your fields.
- 3. Manage Aggressor AX application rates and surfactant use based on weed species and weed size.

WEED SPECIES	GRASSY WEED CONTROL BEST MANAGEMENT PRACTICES
Brome grass (cheat, downy, rescue, etc.)	<ul style="list-style-type: none"><li>• Spring Aggressor AX rate: 12 oz/acre</li><li>• Surfactant: Use MSO in the spring, NIS in the fall</li><li>• Use fall + spring split applications when possible</li><li>• Application volume: Minimum of 15 gallons per acre</li><li>• Use crop rotation when possible</li><li>• Rotate with the Clearfield Production System</li><li>• Tank-mix with nitrogen-based fertilizer: Up to 30% by volume</li></ul>
Feral rye and cereal rye	<ul style="list-style-type: none"><li>• Spring Aggressor AX rate: 12 oz/acre</li><li>• Surfactant: Use MSO in the spring, NIS in the fall</li><li>• Use fall + spring split applications when possible</li><li>• Application volume: Minimum of 15 gallons per acre</li><li>• Use crop rotation when possible</li><li>• Rotate with the Clearfield Production System</li><li>• Tank-mix with nitrogen-based fertilizer: Up to 30% by volume</li></ul>
Jointed goatgrass	<ul style="list-style-type: none"><li>• Spring Aggressor AX rate: 12 oz/acre</li><li>• Surfactant: Use MSO in the spring, NIS in the fall</li><li>• Use fall + spring split applications when possible</li><li>• Application volume: Minimum of 15 gallons per acre</li><li>• Use crop rotation when possible</li><li>• Rotate with the Clearfield Production System</li><li>• Tank-mix with nitrogen-based fertilizer: Up to 30% by volume</li></ul>

- 4. Know when to spray Aggressor AX:
  - Spray early, before grassy weeds can compete with your wheat crop
  - 4 leaf up to stem elongation (1st node detected)
  - Wheat and grassy weeds must be actively growing
  - Do NOT apply when freezing temperatures are expected 5 days before or after application
  - Refer to the Aggressor AX label for complete instructions, and watch for communications from CoAXium to maximize performance.
- 5. Follow stewardship guidelines.
- 6. Contact your seed dealer, ag retailer or agronomist with questions.



## Protect your investment

No other wheat production system is more effective against cheatgrass, feral rye and other Group 2-resistant grassy weeds. **Stewardship is critical to preserving and prolonging the benefits of CoAXium.**

- Sign the CoAXium Grower Stewardship Agreement.
- Plant Certified seed.
- Use labeled rates of Aggressor AX by weed species.
- Don't allow grassy weed escapes to go to seed.
- Don't use CoAXium more than two years in a row.
- Rotate herbicide modes of action.

**Following best stewardship practices isn't just good for CoAXium, it's good for your bottom line —** this season, and for all the seasons to come.

- Guarantee the quality of your seed.
- Get the most out of every herbicide application.
- Stay informed on the latest grower guidelines.
- Maximize the power of CoAXium technology.

**See someone violating CoAXium stewardship? Let us know.** You will remain anonymous.

**1-855-DO RIGHT | [ProtectCoAXium.com](https://ProtectCoAXium.com)**



**KILLS  
WEEDS  
DEAD**

Susceptible grassy weeds (downy brome, left) are killed by Aggressor AX while herbicide-tolerant wheat plants (right) survive to yield without competition.

**Put the next generation of weed-crushing technology to work on your winter wheat acres today.**

**Plant. Spray. Profit.**

**[FindCoAXium.com](https://FindCoAXium.com)**



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