

GOT GOATGRASS? GET COAXIUM®



Untreated Jointed Goatgrass on right. Treated with Aggressor® AX herbicide @ 12 oz/acre with COC at 4 quarts/100 gallons applied at 20 GPA on Left.

Start Winning the War on Weeds.

Driven by Aggressor® AX herbicides, the CoAXium® Wheat Production System combines a non-GMO herbicide tolerance trait with Aggressor AX herbicides for control of tough weeds like jointed goatgrass. CoAXium Wheat Production System is the simple way to better wheat. No competition from annual grasses, just clean fields and higher profits you can take right to the bank.



For more information, visit CoAXium.com

CLEANER FIELDS. HIGHER YIELDS. •



Jointed Goatgrass

Jointed goatgrass (*Aegilops cylindrica*) is an invasive and aggressive weed that reduces wheat yields and contaminates harvested grain. Its spikelets resemble wheat straw, making them difficult to detect and remove. Its emergence occurs mainly in cool seasons, with peak germination in fall and secondary flushes in spring. Seeds can persist in the soil seed bank for years, with over 80% remaining viable after one year, allowing rapid reinfestation. Jointed goatgrass germinates primarily in the fall, with a secondary flush in late winter to early spring, ensuring continuous competition with wheat. This competition can result in yield losses, increased dockage fees at grain elevators, and lower profits for wheat growers.

Driven by Aggressor® AX herbicides, the CoAXium® Wheat Production System protects your fields against tough annual grass weeds like jointed goatgrass. Finally, wheat farmers have a new tool to be combined with best management practices for jointed goatgrass.

Maximizing the benefits of CoAXium Wheat Production System driven by Aggressor AX herbicide for control of Jointed Goatgrass (JGG)

Best Management Practices for controlling JGG in Winter Wheat

- Utilize spring crop rotation to disrupt Jointed Goatgrass (JGG) life cycles and reduce seed bank persistence and build up
- Stop or reduce JGG seed production by controlling it before seed set to prevent reinfestation
- Use the Clearfield® Wheat Production System in rotation as part of your best management practices
- Use certified seed to minimize JGG contamination and ensure field purity
- Rotate herbicide modes of actions when applied to emerged JGG

CoAXium Wheat & Aggressor AX herbicide use as part of YOUR Best Management Practices

- Apply Aggressor AX herbicide only to Jointed Goatgrass and CoAXium wheat that is actively growing
- Aggressor AX can be applied in the fall and spring for control of Jointed Goatgrass
- Aggressor AX applied in a Fall-Spring split application with Aggressor AX at 8 oz/acre
- Aggressor AX applied in spring only application with Aggressor AX at 12 oz/acre

Jointed Goatgrass Stage of Growth:

- 3-5 leaf

Aggressor AX Use Rates:

- Aggressor AX Fall applications at 8 oz/acre followed by Aggressor AX Spring application at 8 oz/acre
- Aggressor AX Spring only Application at 12 oz/acre

Surfactant & Fertilizer Rates:

- Use only Crop Oil Concentrate at 4 quarts/100 gallons of spray volume
- Add Non-Ionic surfactant at 1 quart/100 gallons of spray volume on large and or pubescent jointed Goatgrass
- Tank-mix a nitrogen source (Urea, Sol 32, or AMS) up to 30% of spray volume to enhance herbicide uptake and herbicide effectiveness

Spray Volume:

- Ground application: 15–20 gallons/acre
- Aggressor AX herbicide coverage is critical for control of Jointed Goatgrass control
- Use a minimum sprayer volume of 15 gallons/acre for consistent coverage and Jointed Goatgrass control effectiveness

To protect this technology, farmers will be required to adhere to the CoAXium Grower Stewardship Agreement outlining best management practices on product rates, crop rotation, mechanical, and cultural practices.



CoAXium Wheat Treated with Aggressor AX herbicide



Untreated check with JGG and Downy Brome Grass



Single Jointed Goatgrass plant emerged from one seed



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For more information, visit www.CoAXium.com