

# GOT BROME? GET COAXIUM.®



Untreated downy brome on left. Treated with Aggressor® AX herbicide on right.

## *Start Winning the War on Weeds.*

The CoAXium® Wheat Production System is a grower-owned and patented herbicide tolerance trait driven by Aggressor® AX herbicides.

Aggressor AX gives you superior control of tough weeds like downy brome — including Group 2 resistant biotypes.

CoAXium delivers proven field performance and enhanced return on investment. No competition from annual grasses, just clean fields.

And higher profits you can take right to the bank.



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

CLEANER FIELDS. HIGHER YIELDS.®



# Downy Brome

There's a reason they call it CHEATgrass.

Downy brome (*Bromus tectorum* L.), military chess, cheatgrass — no matter what you call it, this noxious weed is synonymous with decreased yields, lower quality wheat, and dockage fees at the elevator. Each year, downy brome cheats wheat farmers out of millions of dollars in profits, not to mention the headaches that come with trying to control it. Downy brome is found in over 100 million acres in the western United States, and once it takes root, it is extremely difficult to control. Not only must a farmer eradicate emerging seedlings and live plants, they must control seed formation and germination, as downy brome will carry over into future seasons.

Now there is the CoAXium® Wheat Production System driven by Aggressor® AX herbicides. This innovative technology offers growers peace of mind with proven, consistent downy brome control. With CoAXium, fields are clean, harvests are high quality and profits are protected.

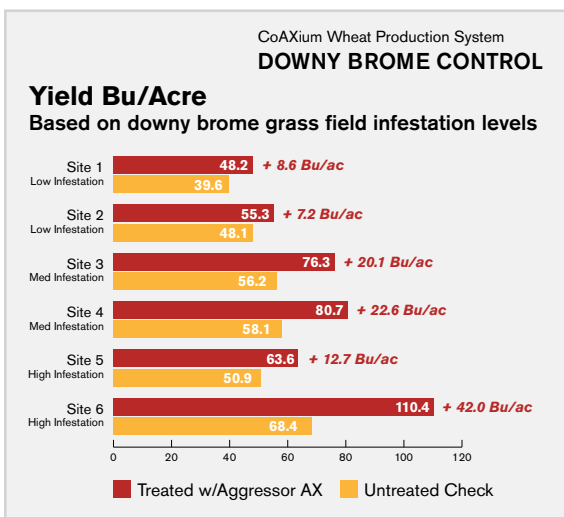
## Maximizing the benefits of the CoAXium Wheat Production System driven by Aggressor AX herbicide for control of downy brome.

- **Best management practices need to be followed when using the CoAXium Wheat Production System for controlling brome species — rotate herbicide mode of actions, always limit escaped brome species seed production, and follow CoAXium crop rotation recommendations.**



- Select the CoAXium wheat variety that has the best agronomic fit for your production system and micro-climate.
- Aggressor AX herbicide should always be applied to the crop and emerged downy brome prior to the brome creating interplant competition with the wheat crop.
- Aggressor AX herbicide works by contact activity and only controls downy brome that has germinated and emerged.
- Apply Aggressor AX herbicide only to downy brome and CoAXium wheat that is actively growing.

- Fall and spring applications can be made for control of downy brome.
- A split application program can be successful when there are high populations of downy brome in a field.
- Aggressor AX herbicide fall-applied (8 oz/acre) followed by a spring application (8 oz/acre) will help maximize control of multiple flushes of downy brome and reduce weed competition with the wheat crop for nutrients, moisture and sunlight.
- To protect this technology, farmers will be required to adhere to the CoAXium Wheat Production System Grower Stewardship Agreement outlining best management practices for Aggressor AX rates, herbicide mode of action rotation, mechanical, and cultural practices.
- Apply Aggressor AX herbicide when the wheat is actively growing and, when possible, delay applications 5 days after consistent temperatures below 32° F. Avoid applications when temperatures are expected to go below 32° F with low daytime temperatures.



### Aggressor AX Rate Per Acre:

**Fall Application = 8 - 10 oz/acre    Spring Application = 10 - 12 oz/acre**

#### Surfactant Usage:

- Non-ionic surfactant @ 0.25% - 0.50% vol./vol. of total volume applied per acre (1-2 qts/100 gallons of spray solution)
- Methylated Seed Oil @ 1% vol./vol. of total volume applied per acre (1 gallon/100 gallons of spray solution)
- **Only** use Non-ionic surfactant (NIS) @ 0.25% vol./vol. when applying to wheat in the fall (1 qt/100 gallons of spray solution)

#### Spray Volume:

- Aggressor AX herbicide coverage is critical for control of downy brome
- Use the best spray volume that maximizes the coverage based on downy brome population and downy brome growth stage
- Ground application: 10–20 gallons/acre
- Medium to high populations of bromus species should use a minimum of 15 gallons/acre for consistent weed control

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