



CLEANER FIELDS. HIGHER YIELDS.®

Aggressor® Herbicide Technical Guide

Aggressor® herbicide is the only legal and registered use of quizalofop-P-ethyl herbicide that can be applied to CoAXium® wheat. Use of unregistered quizalofop-P-ethyl herbicides can result in crop quarantine and up to an \$100/acre fine as defined in the **CoAXium® Grower Stewardship Agreement**. To obtain optimal performance of Aggressor® herbicide on winter annual grasses, apply Aggressor® herbicide to **actively** growing wheat and grassy weeds.

Performance of Aggressor® herbicide is driven by three Best Management Practices:

- 1) **Aggressor® application rate/acre by weed species and weed size**
- 2) **Required surfactant use by weed species**
- 3) **Sprayer application volume maximizing weed coverage**

Use the proper rate/acre of Aggressor® herbicide based on the weed species and weed size. Sprayer application volume is critical to maximize weed coverage and Aggressor performance. Tilled grassy weeds require a higher application volume and Aggressor rate/acre to maximize weed coverage and weed control.

Aggressor® Broadleaf Tank-Mix Partners

Bromoxynil	2,4-D Ester & MCPA Ester	Quelex®
Clopyralid	Fluroxypyr	Dicamba
Sulfonylureas	Huskie®	Widematch®
Starane®	Brox® M	Five Star®

- ❖ **DO NOT TANK-MIX MCPA AMINE, 2,4-D AMINE or METRIBUZIN with AGGRESSOR® herbicide**
- ❖ Make sure that the broadleaf herbicides are approved to be used with MSO or COC's

Aggressor® Herbicide Use Rates by Weed Species

Weed Species	Rate/Acre
Brome species	8 – 12 oz/acre
Feral (Cereal) Rye	10 – 12 oz/acre
Jointed Goatgrass	10 – 12 oz/acre

- ❖ Split applications can be made with Aggressor® at 8 oz/ac (Fall) followed by 8 oz/ac (Spring)

Required Surfactant Use by Weed Species

Weed Species	NIS @ 1 QT/100 gal	MSO @ 4 QT/100 gal
Brome species	✓	✓
Feral (Cereal) Rye	✓	✓
Jointed Goatgrass	✓	✓

Only use NIS @ 1 QT/100 gallons on all fall applications

Aggressor® Herbicide - Fertilizer Compatibility

Aggressor® herbicide is compatible with many sources of nitrogen fertilizer. Applications can be made with Sol 32, Sol 28, urea or AMS. Do not apply more than 30% of the sprayer application volume as fertilizer.

Use of fertilizer does not substitute for the use of surfactants with Aggressor® herbicide.

Sprayer Application Volume = Weed Coverage = Control of Grassy Weeds = + 15 gallons per acre

Aggressor® herbicide is a group 1 herbicide and sprayer application volume will help optimize the performance of the Aggressor® herbicide. Sprayer volume should target maximum weed foliage coverage on a field by field basis. **Larger weeds and higher weed density require higher sprayer volume** to maximize control and performance.

Refer to the product label for complete use directions and instructions. EPA Reg. No. 42750-313 AD030118





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6 Keys to Success using CoAXium® Wheat & Aggressor® herbicide

1. Wheat Stage of Growth for Aggressor® Applications

- 4 leaf up to stem elongation(1st node Detected)

2. Aggressor® Rates by Weed Species – Spring Applications

- **On severe infestations of grassy weeds use Aggressor @ 8 oz/acre in the fall followed by Aggressor @ 8 oz/acre in the spring**
- Jointed Goat Grass @ 12 oz/acre
- Feral Rye @ 12 oz/acre
- Brome Species @ 10 – 12 oz/acre
- **Adjust Aggressor herbicide rates - Based on weed size and weed populations**

3. Surfactant Use by Weed Species

- **Only use NIS @ 1 QT/100 gallons in all fall applications**
- Feral Rye use MSO @ 4 QT/100 gallons on spring applications
- Jointed Goat Grass use MSO @ 4 QT/100 gallons on spring applications
- Brome species use NIS @ 1 QT/100 gallons or MSO @ 4 QT/100 gallons (larger brome)

4. Volume of Aggressor® Application

- Volume of Application is Critical
- High population of weeds and larger weeds require higher volume of application
- **Use a minimum of 15 GPA for consistent performance**

5. Wheat Crop & Weed Growth Activity

- The wheat crop and grassy weeds need to be actively growing to maximize crop safety and grassy weed control
- **Do not apply Aggressor when freezing temperatures are expected 5 day prior to or after applications of Aggressor herbicide**

6. Maximize Your Return on Investment Aggressor® Herbicide Timing

- **Control grassy weeds early before they compete with your wheat crop to maximize your ROI**

