HARD RED

KIVARI AX

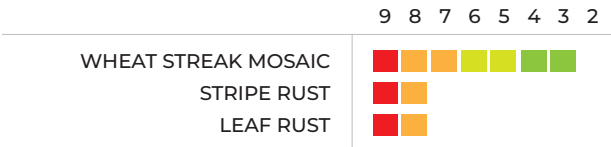
PEDIGREE ▸ (AF28 / BYRD) // (AF10 / 2*BYRD)

Released in 2020, Kivari AX is the newest CoAXium variety in the PlainsGold lineup with slightly later maturity compared to Crescent AX. Kivari AX offers improved grain yield with very good spring frost and drought tolerance. It has good test weight, good tolerance to lower pH, and wheat curl mite resistance. Fall & winter biomass production is exceptional for grazing. Timing of first hollow stem is average among varieties, manage cows and nutrition accordingly if grain harvest is desired. Straw strength is below average, dryland acres only please. PVP protected, Certified Seed Only, no saved seed allowed. Stewardship Agreement required.

CHARACTERISTICS

MATURITY	MEDIUM-EARLY
HEIGHT	MEDIUM
COLEOPTILE LENGTH	MEDIUM

PEST & DISEASE PROFILE



RATING SCALE ▸ POOR FAIR GOOD VERY GOOD EXCELLENT

MANAGEMENT NOTES

Use as a management tool for winter annual grassy weed control:

- Feral rye: 20 gpa water with up to 30% UAN, 12 oz/ac Aggressor AX, 1% MSO or COC.
- Cheatgrass: 15-20 gpa water with up to 30% UAN, 10-12 oz/ac Aggressor AX, 0.5% NIS Fall or 1% MSO Spring
- Jointed Goatgrass: 20 gpa water with 30% UAN, 12 oz/ac Aggressor AX, 1% COC

CoAXium® DRIVEN BY Aggressor®

CLEANER FIELDS. HIGHER YIELDS.®

Aggressor® AX Herbicide Technical Guide

Aggressor AX 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 AX herbicide on winter annual grasses, apply Aggressor AX herbicide to **actively** growing wheat and grassy weeds.

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

1) **Aggressor AX application rate/acre by weed species and weed size**
2) **Required surfactant use by weed species**
3) **Sprayer application volume to maximize weed coverage**

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

Aggressor AX Broadleaf Tank-Mix Partners

Bromoxynil	2,4-D Ester and 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 AX herbicide**
- Make sure that the broadleaf herbicides are approved to be used with MSO or COC's

Aggressor AX 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 AX at 8 oz/acre (fall) followed by 8 oz/acre (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 AX Herbicide Fertilizer Compatibility

Aggressor AX 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 AX herbicide.**

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

Aggressor AX is a Group 1 herbicide, and sprayer application volume will help optimize the performance of the Aggressor AX 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. 10/1/23