



Nutrien Ag Solutions™

2023 Fall Seed Guide

DYNAGRO
SEED

www.nutrienseed.com

Billings.....	406-252-8012	Fort Benton	406-622-5481
Belgrade.....	406-388-4288	Great Falls	406-453-3227
Conrad.....	406-278-9189	Havre.....	406-470-4715
Chester	406-621-0015	Shelby.....	406-434-5000

Winter Forage Varieties



TriCal Gunner™

- Beardless facultative triticale.
- Better average yields than forage wheat varieties
- Good forage quality data



TriCal Flex 719™

- Awnletted facultative triticale
- Most widely adapted facultative triticale
- Slight edge in winter forage yields when compared to Gunner



Ray

- Beardless, dual purpose true hard red winter wheat.
- Montana State University replacement for Willow Creek.
- *Cannot be sold except as certified seed.*



Willow Creek

- First widely adapted true forage variety in Montana
- Very low seed yields make it difficult to economically raise seed
- Not a true hard red winter wheat

Winter Forage Varieties



Cavalry

- Beardless, Dual purpose true hard red winter wheat
- 2023 will be the first year of limited release
- Looks to be a great conventional wheat with solid forage yields

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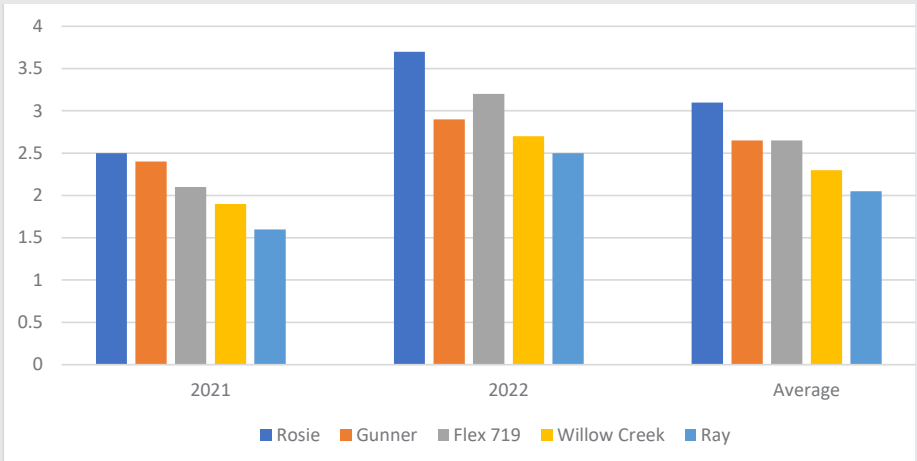


Rosie

- New true winter variety from DynaGro
- Won the '21 and '22 Winter forage trials
- Shows excellent potential across Montana and Idaho

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Billings Forage Yield Tons Per Acre



Sawfly Varieties

WARHORSE

- Combines good yield potential with a very solid stem
- Good stem and stripe rust resistance
- Good winterhardiness

NEW WARCAT

- Great yielding solid stem
- Improved hardiness
- Aluminum tolerance



WB4483

- Solid stem for improved wheat stem sawfly management
- Good yellow (stripe) rust resistance
- Very good winterhardiness



Fortify SF

- Medium-early maturity
- Very good drought tolerance
- Extremely thick stem (sawfly tolerant)

Bobcat

- Stripe rust resistance
- Solid stem
- Medium/late maturity
- Above average test weight and proteins

NEW

AP Solid

FEATURED
VARIETY



- Good protein and excellent test weight
- Solid stems to help with sawfly management
- Excellent solidness score, confirmed by Montana State University
- Good yield potential in Western Nebraska, Eastern Colorado, and Montana
- Judee/SY Wolf pedigree

2023 Nutrien Financial

Grower Financing



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Billings	Belgrade	Chester	Conrad	Fort Benton	Great Falls	Shelby
252-8012	388-4288	621-0015	278-9189	622-5481	453-3227	434-5000

for more details on how to easily take advantage of these financial offers!

Clearfield Varieties



Clearfield[®]

Production System



SY 517 CL2

- Excellent test weight and straw strength
- Moderate tolerance to fusarium head blight
- Good winter hardiness



BRAWL CL PLUS

- Hollow stem, very early maturity
- Short to medium straw
- Disease package (fungicide recommended)



WB 4733 CLP

- Sawfly tolerant
- Excellent standability against sawfly
- Very good yield potential
- Clearfield technology

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StandClear CLP

**FEATURED
VARIETY**



STANDCLEAR CLP is Montana's first solid stem 2 gene Clearfield winter wheat. StandClear CLP is a medium-maturity, semi-dwarf, semi-solid stem HRW wheat line with average grain protein content, and good test weight.

- Developed by Montana State University
- Best combo of yield, solid stem and Clearfield
- Broadley adapted
- Top yield potential compared to other herbicide tolerant varieties
- Excellent disease package

Hollow Stem Varieties



WB4727

- Excellent yield potential
- Excellent standability
- Very good wheat streak mosaic virus resistance
- Single-use license variety



SCORPIO

- Resistant to stripe rust
- Excellent yield potential
- Tolerance to low pH soils



WB4619

- Excellent yield potential
- Excellent standability
- Excellent winter hardiness

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Milestone

**FEATURED
VARIETY**



MILESTONE is a hollow stem variety that is broadly adaptable to both irrigated and dryland Montana acres. Data shows that the yield performance is exceptional with good winterhardiness, excellent disease package, acceptable quality and very good straw strength.

- Stripe Rust tolerance
- Top yield potential
- Dryland or irrigated
- Broadly adapted

Hollow Stem Varieties (cont.)



Keldin



KELDIN is a hollow stem variety known for excellent characteristics, such as emergence and test weight. This broadly adapted yield potential leader also provides an outstanding disease package with very good resistance to Leaf Rust, Yellow (Stripe) Rust and other foliar diseases.

- High yield potential
- Outstanding test weight
- Responds to higher seeding rate
- Broadly adapted variety

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Ramsay

**FEATURED
VARIETY**



RAMSAY is a hollow stem variety that is broadly adaptable to dryland Montana and ID acres. Yield performance is exceptional with good winterhardness, good disease package, acceptable quality excellent test weight and very good straw strength.

- Very good winter hardiness
- Hollow stem variety
- High yield potential
- Excellent dryland variety
- Excellent standability

CoAXium Wheat Production System



To obtain optimal performance of Aggressor® herbicide on winter annual grasses, apply Aggressor® herbicide to actively growing wheat and grassy weeds.



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

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)

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

FEATURED VARIETY

AP18 AX



AP18 AX raises the bar on yield potential and test weight with a new mode of action to control tough winter annual grasses. The CoAXium® wheat production system, including Aggressor herbicide, puts new tools in producer toolboxes. AP18 AX is demonstrating very good winter hardiness and good straw strength with medium maturity. Don't let tough weeds overwinter.

- Excellent yield potential
- CoAXium® wheat production system to control winter annual grasses
- Aggressor herbicide tolerance

NEW FEATURED VARIETY

Buckhorn AX



BUCKHORN AX is the newest CoAXium release from DynaGo Seed. It is the earliest maturity variety available (plan to harvest this one first!) and brings good yield potential with the CoAXium wheat production System. Buckhorn performed well under 2021 drought conditions and survived the harsh 21-22 MT winter conditions.

- Very good winterhardiness
- Good yield potential
- A top variety for WSMV tolerance
- Very early maturity



BATTLE AX

- Very good tolerance to leaf and stripe rust
- Good winterhardiness
- Good test weight

Seed Treatments



Teraxxa™ F4 plus Relenya Seed Treatment

Teraxxa F4 Seed Treatments eliminate wireworms attacking your cereal yield. Featuring a new active ingredient, Broflanilide, these seed treatments outperform and outlast neonicotinoid insecticides so your cereal crops have the best chance to succeed.

Relenya is created to support cereal and soybean grain farmers looking for a powerful seed treatment to protect their crops. With Revysol® fungicide, it protects your seeds and root zones during early development stages and increases yield potential, even under different levels of disease pressure.



Awaken ST is a seed treatment with ACA technology, which features the zinc ammonium acetate (ZAA) compound with a micronutrient package. Awaken ST leads to quicker emergence and greater plant biomass by promoting root growth. Awaken ST coats the seed with nutrients and has been shown to improve early vigor and higher yields.

Product Benefits:

- Has been shown to improve early vigor post emergence
- Has been shown to increase yield potential compared to untreated seed
- Improved root biomass observed in treated seed

Awaken Untreated Teraxxa
Check F4 Relenya



Stamina® F4 Cereals Fungicide Seed Treatment

Stamina F4 Cereals fungicide is the latest step forward in fungicide seed treatment. With four modes of action, it provides the best disease protection possible, along with Plant Health benefits. It starts the moment the seed hits the soil and works hard during critical early crop development stages.



Multi-year Data

Variety	2020	2021	2022 Dryland MT	2020-21-22 3 year avg	2020-21 2 year avg
Milestone	66.8	47.1	42.9	52.3	56.95
Ramsay	68.0	45.2	39.3	50.8	56.6
WB4483	61.8	39.9	47.7	49.8	50.85
Keldin	60.5	46	41.8	49.4	53.25
Bobcat	58.3	39.5	46.5	48.1	48.9
StandClear CLP*	58.2	41.6	43.9	47.9	49.90
AP18AX*	57.4	40.1	43	46.8	48.75
Warhorse	61.4	35.2	39.9	45.5	48.30
Balance	50.5	40.3	41.9	44.2	45.40
SY 517 CL2*	54.0	39.9	34.7	42.9	46.95
WB4727	-	-	47.4	-	-
Battle AX*	-	-	45.9	-	-
AP Solid	-	-	45.3	-	-
WB 4619	-	-	44.0	-	-
Scorpio	-	38.9	42.2	-	-
Fortify	-	-	39.9	-	-
LCS Buckhorn AX*	-	35.6	32.7	-	-
WB4792	64.3	43.9	-	-	54.10

* Herbicide tolerant

MSU 2022 Data

Variety	BU/AC/AV	TW Avg	Bu/Ac			
			Havre	Williston	Moccasin	Fort Benton
Ramsay	41.68	58.6	65.9	25.7	46.5	28.7
AP Solid	41.6	61.0	61.3	21.2	57.1	26.9
AP18 AX	41.36	58.8	60.3	29.8	50.3	25.1
Battle AX	41.30	58.4	64.4	20.4	52.3	28.1
Keldin	40.88	58.3	62.3	23.6	49.7	27.9
Bobcat	40.08	58.9	65.5	19.8	44.3	30.7
WB 4619	38.67	58.6	56.8	26.0	46.1	25.9
Fortify SF	38.24	59.5	58.9	22.0	46.8	25.3
Milestone	37.92	56.5	63.5	21.2	41.3	25.7
Loma	37.79	57.7	57.4	24.7	44.5	24.5
Warhorse	37.70	57.8	57.1	20.8	45.5	27.4
MT WarCat	36.93	57.9	60.6	19.7	41.6	25.8
StandClear CLP	35.42	59.4	55.9	17.2	40.9	27.8
Brawl CL Plus	35.34	60.4	59.3	15.8	43.7	22.5

Snake River Division



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