



**Nutrien**

*Ag Solutions™*

# 2025 Seed Guide

## RAMSAY

Winner of 2024 National Wheat Contest in  
Montana for **HIGHEST** yielding variety  
in dryland winter wheat category

Billings  
252-8012

Conrad  
278-9189


Chester  
621-0015

Fort Benton  
622-5481

Great Falls  
453-3227

Havre  
470-4715

Shelby  
434-5000

 [nutrienseed.com](https://nutrienseed.com)

# Spring/Winter Forage Solutions



## TRICAL GUNNER™ TRITICALE

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



## TRICAL FLEX™

- 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



## MT CASH

- New forage winter wheat variety from MSU
- True Hard Red Winter Wheat
- Won Forage Trials in forage winter wheat category
- Limited seed available for 2025



## RED ROCK

- Spring forage barley
- 2 – row hooded
- High forage yield
- Great standability on irrigation



## ROSIE

- True winter DynaGro variety
- Won '21 & '22 Winter forage trials
- Shows excellent potential across Montana and Idaho

# Forage Data

## 2024 Winter Forage Averages Montana Locations

Variety	Locations	Estimated Tons/Ac	CP %	NDF	ADF	TDN	RFV	Winter Hardiness Rating
TriCal Flex™	Ch, B	3.61	12.28	58.70	33.25	64.65	100.5	8.0
TriCal Gunner™	Ch, B	3.32	13.75	54.25	31.65	66.50	112.0	6.5
Rosie	Ch, B	3.22	11.82	52.20	31.40	66.75	115.5	9.5
MT Cash	FB, Ch, B	2.54	13.03	52.80	31.37	66.77	113.7	9.0
Ray	FB, Ch, B	2.41	12.43	53.40	29.60	68.80	114.7	9.0

\*Only One Year of Data for MT Cash

FB=Fort Benton, Ch=Chester, B=Billings

## 2 Year Average Across Montana Sites 2023 and 2024

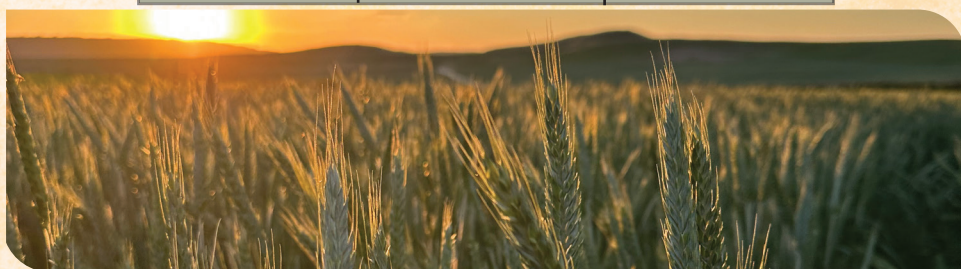
Variety	Estimated Tons/Ac	Variety	Estimated Tons/Ac
Ray	2.36	Treated Redrock	3.61
TriCal Flex™	3.24	Lavina	3.37
TriCal Gunner™	3.20	Untreated Redrock	3.36
Rosie	2.92	Cowgirl	3.35

## 2024 Spring Forage Averages Montana Locations

Variety	Locations	Estimated Tons/Ac	CP%	NDF	ADF	TDN	RFV
Treated Redrock	FB, Ch, Bz	3.78	15.67	52.13	27.03	71.70	121.7
Untreated Redrock	FB, Ch, Bz	3.61	15.77	50.83	26.13	72.73	126.7
Lavina	FB, Ch, Bz	3.53	15.50	52.67	28.43	70.17	119.3
Cowgirl	FB, Ch, Bz	3.53	15.50	52.57	27.53	71.17	120.0

## Winter Forage Strip Trial 2024 - Malta, MT

Variety	Size of Strip	Tons/Ac
Rosie	42 Acres	2.44
Ray	34 Acres	2.06
TriCal Flex™	29 Acres	1.99



# Barley | Durum

## BARLEY

### HOCKETT MALT BARLEY

- High yield potential for dryland
- Great test weight and plumps
- Holds low protein over stressful conditions

### AC METCALFE MALT BARLEY

- Most widely contracted variety
- Great malting characteristics
- Disease tolerance

### AAC SYNERGY MALT BARLEY

- Consistent yield performance and grain quality
- Excellent malting quality profile desired by maltsters and brewers

### CLAYMORE FEED BARLEY

- Great yield potential (*Champion replacement*)
- Great standability
- Good disease package

Variety	Chester	Conrad	FortBenton	MT average	PROTEIN
AAC Synergy	28.1	35.8	65.1	43.0	12.60
Claymore	30.1	42.1	64.5	45.6	12.50
Ascent	35.0	38.7	59.4	44.4	12.00
MT Endurance	28.9	36.3	57.7	41.0	11.50
Altorado	31.8	41.5	58.9	44.1	11.40
MT Boy Howdy	30.2	43.0	65.3	46.2	10.50
MT Buzz	29.2	33.6	50.5	37.8	10.50
Carleton	32.5	44.4	65.1	47.3	10.40

## DURUM

### CERTIFIED ALZADA

- Excellent yield potential and gluten strength
- Early maturing
- Premium contracted Durum

Reserve your Certified Seed!  
Nutrien Ag Solutions  
has acquired the marketing  
rights for Certified Alzada.

## SEED TREATMENTS



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.

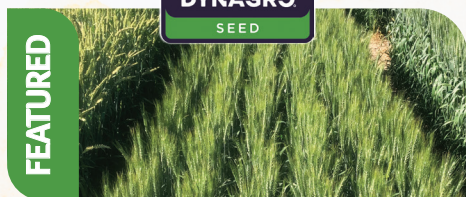
Product Benefits:

- 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

# Spring Wheat



DYNAGRO

SEED

FEATURED

## WB GUNNISON



- Great threshability and very good standability
- Excellent yield potential
- Best variety for heavy sawfly pressure

## WB9668



- Excellent yield potential and high protein
- Excellent yellow (stripe) rust resistance
- Best adapted to high production environments

## ALUM



- Very good yield potential
- Works well in low pH soils/aluminum toxicity soils
- Very good test weight and protein

## ROCKER - NEW!



- This variety is the best offering with the widest adaptability for Sawfly, yield, and quality
- Excellent yield potential
- Best adapted to dryland acres of MT and western ND

## HOLMES

- High yields with strong protein
- Very good milling/baking qualities
- Excellent emergence/very good threshability
- Good stripe rust tolerance

## WB9719



- Excellent yield potential
- Drought tolerant
- Moderate sawfly tolerance
- Excellent Hessian fly tolerance

## DAGMAR

- Semi-solid stem
- Adapted to dryland acres
- MSU's latest release!



## Clearfield®

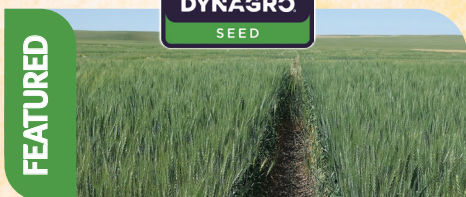
Production System



## WB9879CLP



- Solid stem for sawfly management
- Clearfield® Plus Technology (2 gene)
- Excellent standability
- Very good yield potential
- High protein



DYNAGRO

SEED

FEATURED

## NS PRESSER CLP



- Excellent yield potential
- Clearfield® Plus Technology (2 gene)
- Sawfly tolerance



# Spring Wheat Data

Nutrien Ag Solutions 2024 Spring Wheat Plot Data										
Variety	SF	Pro	TWT	Bozeman	Chester	Conrad	Fort Benton	2024 Avg Dryland	3 year Avg	23-24 Dryland
Vida	3.3	14.0	61.1	93.0	25.4	48.4	48.4	40.7	45.0	45.4
Rocker	2.2	14.7	61.1	92.2	26.1	37.6	45.7	36.5	42.7	43.4
Dagmar	2.0	15.1	61.3	118.6	27.9	36.4	48.4	37.6	42.7	44.1
NS Presser CLP	3.8	14.7	59.6	97.4	21.8	32.7	42.7	32.4	40.5	39.8
WB GUNNISON	2.0	13.8	62.6	99.6	21.9	35.9	43.1	33.6	40.1	40.3
WB9879 CLP	2.2	14.0	59.8	110.6	20.1	33.6	39.9	31.2	39.2	38.5
WB9719	3.0	14.3	62.4	102.7	22.8	34.9	35.1	30.9	39.1	38.9
WB9668	3.1	16.0	61.6	107.6	23.8	29.1	39.6	30.8	37.6	39.0
AP Gunsmoke CL2	2.8	15.3	62.8	105.7	26.5	28.9	36.6	30.7	37.2	39.0
Alum	3.7	14.4	60.5	90.6	20.1	33.5	44.7	32.8	37.1	37.0
Holmes	4.5	14.2	62.6	114.4	27.2	31.8	37.7	32.2	-	39.3
LCS Hammer AX	4.0	14.2	61.4	107.1	23.9	30.0	36.5	30.1	-	37.9
WSU Hale	4.4	14.6	62.4	110.6	25.0	30.0	37.1	30.7	-	37.3
MT Dutton	3.7	14.7	59.9	97.5	26.2	35.8	51.6	37.9	-	-
MT Carlson	3.5	14.1	60.4	107.2	24.2	35.5	49.1	36.3	-	-

Nutrien Ag Solutions 2024 Durum Plot Data										
Variety	SF	Pro	TWT	Bozeman	Chester	Conrad	Fort Benton	2024 Dryland Grand Mean	3 year Avg	23-24 Dryland
Valier	2.1	13.7	59.4	101.1	25.3	35.7	46.4	35.8	41.6	42.4
Alzada	3.4	14.9	60.1	106.7	22.3	32.8	46.2	33.8	41.6	43.3
MT Raska	1.9	15.6	62.1	118.6	24.0	33.5	41.5	33.0	-	39.8
WB8148	2.5	14.7	60.5	100	20.3	34.1	40.2	31.53	-	-

# Pulses

## GREEN PEAS

### FAIRWAY

- Excellent yield potential
- Exclusive IP contracts with Belle Pulse
- Strong Standing

### GINNY

- Strong standing ability
- Improved yield vs Aragorn
- Root rot tolerance

## YELLOW PEAS

### SALAMANCA

- Semi leafless erect yellow pea
- Early maturing with great seed quality
- Very high protein and extremely high yielding

### IRONHORSE - NEW!

- Higher yielder
- Fits Montana climate
- Limited supply
- Lodging/powery mildew resistance



## CHICKPEAS

### CDC ORION

- Excellent yield potential
- Medium to late maturity, 9-10 mm
- Good Resistance to ascochyta

### CDC FRONTIER

- Excellent yield potential
- Medium to late maturity, 8 mm
- Good resistance to ascochyta

### SIERRA

- Large cream colored chickpea
- Typically premium over the smaller chickpeas
- Plan to spray an extra time for ascochyta

## LENTILS

### KERMIT

- Small green lentil
- High yield potential
- Excellent color retention

### RICHLEA

- Medium green lentil
- Aragorn pea of the lentil market (widely marketed & accepted)
- Susceptible to bleaching and wrinkling

### GREENSTAR

- Large green lentil
- Good resistance to ascochyta
- Highest yielding large green
- Excellent color retention



# Pulse Data

## Green Pea Trials

Variety	2023 Bu/Ac Yield	2024 Bu/Ac Yield	2023-24 Bu/Ac Yield
Greenwood	51.5	38.9	45.2
Passion	56.2	31.7	44.0
MT 457	48.2	33.4	40.8
Fairway	47.6	32.0	39.8
Ginny	43.0	32.7	37.9
Aragorn	34.1	38.7	36.4
Vail	48.3	19.2	33.8

## Yellow Pea Trials

Variety	2023 Bu/Ac Yield	2024 Bu/Ac Yield	2023-24 Bu/Ac Yield
Pizzazz	60.5	44.9	52.7
Hyline	50.2	46.0	48.1
Goldenwood	57.4	35.3	46.4
Salamanca	56.1	36.4	46.3
AAC Chrome	53.8	22.9	38.4
Profit	52.2	14.2	33.2
IronHorse	-	36.3	-

## Lentil Trials

Variety	2023 Bu/Ac Yield	2024 Bu/Ac Yield	2023-24 Bu/Ac Yield
Richleas	39.2	13.7	31.2
Avondales	40.6	12.0	30.8
Redmoon	33.6	18.5	27.9
Green Stars	30.9	13.4	25.6
Viceroy	30.8	12.0	24.4
Kermit	33.9	12.5	24.2





# Canola

**DYNAGRO**

SEED



## DG 661 LCM

- Lead Liberty product for 2024
- Mid maturity
- Multigenic clubroot
- Harvest Management Hybrid
- Harvest flexibility for delayed swathing or straight cut
- Excellent standability
- LibertyLink herbicide system providing glufosinate tolerance
- High yield

## DG 760 TM

- Earliest to flower and early maturity
- Miss the early summer heat and frost along the mountains.
- Harvest Management Hybrid
- Harvest flexibility for delayed swathing or straight cut
- TruFlex technology for application rate and staging flexibility
- R for Blackleg



**Clearfield**<sup>®</sup>  
Production System

## HYBRID DG 280CLC-NEW!

- New Clearfield, Clubroot Hybrid with multigenic resistance
- R for Blackleg Significantly improved over DG200CL
- Early/Mid season CL hybrid (2.3 days earlier than DG200CL)
- Improved yield over DG200CL
- Improved pod shatter from DG200CL



# 2025 Nutrien Financial

## Grower Financing



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Financial**

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**Chester**  
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**Fort Benton**  
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**Great Falls**  
453-3227

**Havre**  
470-4715

**Shelby**  
434-5000

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

# Winter Wheat

## SAWFLY VARIETIES

### AP SOLID

- Good protein/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

### WARHORSE

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

### 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

### BOBCAT

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



# Winter Clearfield Varieties



**Clearfield®**

Production System



## STANDCLEAR CLP



- 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



## SY517 CL2



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

## WB4733CLP



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

## Herbicide Tolerant Winter Wheat Data

Variety	2024 Yield				2022	2023	2024	3 year AVG	2 year AVG
	Conrad	Billings	Chester	FB	Dryland MT	Dryland MT	Dryland MT		
StandClear CLP	38.9	79.8	31.2	59.7	43.9	67.3	52.4	54.5	59.9
AP 24 AX	36.3	85.9	39.2	58.0	-	-	54.8	-	-
AP18AX	33.6	81.8	34.9	52.5	43.0	64.2	50.7	52.6	57.5
SY 517 CL2	30.7	72.0	31.8	46.7	34.7	63.0	45.3	47.7	54.1
WB4733CLP	34.5	75.9	31.1	59.5	-	64.2	50.7	-	57.5

# Winter Wheat

## 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. Tilled 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.



*The CoAXium® production system, including Aggressor herbicide and improved genetics, puts new tools in producer toolboxes. Don't let tough weeds overwinter.*

### AP18 AX



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

### AP24 - NEW!



- Raises the bar for CoAXium yield potential
- Next generation CoAXium release
- Improved yield over AP18 AX
- Aggressor herbicide tolerance
- Limited supply

# Winter Wheat

## HOLLOW STEM VARIETIES

# #1

## Performing Dryland Variety

**DYNAGRO**  
SEED



### RAMSAY

*Winner of 2024 National Wheat Contest in Montana for HIGHEST yielding variety in dryland winter wheat category*



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

FEATURED



### KELDIN



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

### WB4523



- Excellent Yield Potential
- Excellent Yellow (Stripe) Rust Tolerance
- Excellent Standability
- Very Good Milling/Baking Quality
- Single-Use License Variety

### WB4619



- Excellent yield potential
- Excellent standability
- Excellent winter hardiness

### SCORPIO



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



# Winter Wheat Data

## Nutrien Multi Year Data

Variety	2024 Fort Benton				2024 Yield				2022 Dryland MT	2023 Dryland MT	2024 Dryland MT	22-24 3 year AVG	23-24 2 year AVG
	Sawfly	Protein	Height	TWT	Conrad	Billings	Chester	FB					
Ramsay	4.7	10.2	30.0	63.2	34.0	88.8	40.3	60.2	39.3	72	55.8	55.7	63.9
Bobcat	1.7	11.3	28.0	64.5	42.0	78.3	33.8	68.7	46.5	66.1	55.7	56.1	60.9
Keldin	3.7	10.3	30.5	63.3	31.7	83.9	38.5	65.2	41.8	71.8	54.8	56.1	63.3
AP Solid	2.3	11.3	29.0	65.3	35.7	82.7	35.3	64.7	45.3	74.6	54.6	58.2	64.6
WB4523	5.0	10.4	24.0	62.0	36.9	87.5	32.9	58.4	-	79.4	53.9	-	66.7
WB4483	2.7	11.7	29.0	63.6	37.1	81.7	35.7	60.6	47.7	66.5	53.8	56.0	60.1
StandClear CLP	2.3	11.8	28.5	64.1	38.9	79.8	31.2	59.7	43.9	67.3	52.4	54.5	59.8
WB4727	6.7	10.3	29.0	62.5	37.3	75.2	36.7	58.7	47.4	71.3	52.0	56.9	61.6
MT War Cat	1.7	12.8	28.0	63.0	35.3	80.6	32.7	58.5	-	69.4	51.8	-	60.6
AP18AX	7.0	10.8	30.0	63.2	33.6	81.8	34.9	52.5	43	64.2	50.7	52.6	57.4
WB4733CLP	1.0	12.4	27.0	63.3	34.5	75.9	31.1	59.5	-	64.2	50.2	-	57.2
Scorpio	5.7	10.4	27.5	61.4	28.2	77.8	36.2	51.8	42.2	59.7	48.5	50.1	54.1
Warhorse	1.0	12.1	29.0	63.5	32.2	77.7	27.3	56.2	39.9	63.6	48.3	50.6	56.0
SY 517 CL2	7.0	10.9	28.0	65.1	30.7	72.0	31.8	46.7	34.7	62.9	45.3	47.6	54.1

# Snake River Division

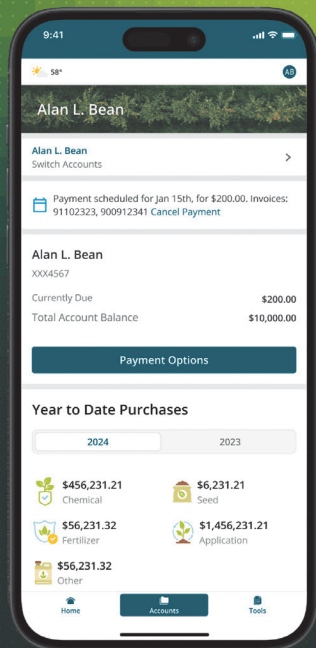


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Ag Solutions® **HUB**

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