



United States Department of Agriculture  
**NATIONAL AGRICULTURAL STATISTICS SERVICE**  
**MOUNTAIN REGIONAL FIELD OFFICE**  
P.O. Box 150969  
Lakewood, CO 80215-0969  
(800) 392-3202



Montana Wheat & Barley  
P.O. Box 3024  
Great Falls, MT 59403-3024  
Phone: 406-761-7732  
Email: [wbc@mt.gov](mailto:wbc@mt.gov)

## MONTANA 2025 WHEAT VARIETIES

### HIGHLIGHTS

This report provides the results of the wheat portion of the 2025 Wheat and Barley Variety Survey, conducted by the National Agricultural Statistics Service, Mountain Regional Office, USDA. The survey was funded by the Montana Wheat and Barley Committee. Access to this report is available for free or online at [www.nass.usda.gov/mt](http://www.nass.usda.gov/mt). Thank you to each person who supplied data and made this report possible.

All variety acreage numbers in this publication are based on survey averages. Survey respondents totaled 1,904, of which 1,616 were usable reports for both wheat and barley. Usable positive spring wheat reports totaled 753, usable positive reports for winter wheat totaled 883, and Durum wheat reports totaled 216. At the district level, the number of reports for minor varieties is generally limited. Yearly fluctuations in the district variety acreage may be the result of sample variation.

Total acreage of all wheat seeded in Montana for 2025 is estimated at 5.45 million acres, up 3 percent from 5.28 million acres planted in 2024. Montana is ranked fourth in all wheat planted acreage in the United States, with 12.0 percent of the 45.48 million acres planted.

Dagmar is the leading spring wheat variety in Montana for 2025, accounting for 34.6 percent of the 2.30 million acres of spring wheat planted in 2025. Vida ranks second with 13.2 percent of the spring wheat acreage. SY Longmire represents 4.9 percent of the spring wheat planted and ranks third. Brennan ranked fourth, with 3.1 percent of spring wheat planted. Barlow accounts for 2.6 percent of the spring wheat acres and ranks fifth. These top five varieties account for 58.4 percent of the spring wheat planted in 2025. Montana continues to rank second in spring wheat acreage in the United States, with 22.9 percent of the spring wheat planted in 2025.

Bobcat is again the leading winter wheat variety planted in Montana for 2025, accounting for 22.2 percent of the 2.30 million winter wheat acres planted. Warhorse ranks second with 15.9 percent of acres planted. Keldin ranks third, with 7.1 percent of the acreage. Brawl CL Plus ranks fourth, holding 5.3 percent of winter wheat acres. AP Solid ranks fifth with 4.6 percent of the acreage in Montana. These five varieties account for 55.1 percent of all winter wheat acres in Montana. The state ranks fourth in winter wheat planted acreage in the United States at 6.9 percent.

Alzada is the leading Durum wheat variety in Montana during 2025, accounting for 21.9 percent of the 850,000 acres planted. ND Riveland ranks second with 18.1 percent of the Durum wheat acres planted. AC Strongfield ranks third with 9.8 percent of the Durum wheat acres planted. AC Transend represents 6.3 percent of the Durum wheat and ranks fourth. AAC Cabri accounts for 5.0 percent of Durum wheat and ranks fifth. These top varieties account for 61.1 percent of the Durum wheat acreage in Montana for 2025. Montana continues to rank second in Durum wheat planted acreage in the United States with 40.3 percent of the 2.11 million acres planted in 2025.

### SPRING WHEAT

**Dagmar** is the leading spring wheat variety planted in 2025. Montana producers seeded 34.6 percent of the State's acres to Dagmar this year. Released by Montana State University (MSU) in 1919, Dagmar is a solid stemmed hard red spring wheat and shows strong resistance to wheat stem sawfly. It has excellent dryland yields, as well as high gluten strength.

**Vida** is the second most common spring wheat variety planted this year, representing 13.2 percent of the acreage seeded in Montana. Released in 2005, Vida was derived from a cross of Scholar and Reeder in 1998 by MSU. It is a high yielding hard red spring wheat, with moderate resistance to leaf and stripe rust. Vida is a semi-dwarf with white glumes and awns; kernels are red ovate with rounded cheeks.

**SY Longmire** ranks as the third most common spring wheat variety planted for 2025, with 4.9 percent of planted acreage. SY Longmire is a hard red spring wheat with high yield and good protein potential. It is sawfly tolerant with a solid stem, medium maturity, and medium to short plant height. It also shows good resistance to stem and leaf rust. It is especially adapted to North Dakota, Montana, and northern Minnesota.

**Brennan** is the fourth most common spring wheat variety planted this year, covering 3.1 percent of the seeded acreage. Brennan is a hard red spring wheat with high yield potential, good scab tolerance, early maturity, and strong straw strength. It also is known to have very good protection against foliar diseases.

**Barlow** is the fifth most common spring wheat variety in 2025, accounting for 2.6 percent of Montana's seeded spring wheat. Released in 2009 by North Dakota State University,

Barlow has semi-dwarf height, strong straw strength, medium-early maturity, and good milling and baking quality.

Montana Top 5 Spring Wheat Varieties	
Variety	Percent of Acres Planted
Dagmar	34.6
Vida	13.2
SY Longmire	4.9
Brennan	3.1
Barlow	2.6

### WINTER WHEAT

**Bobcat** is the most common winter wheat variety for 2025, accounting 22.2 percent of the state’s planted winter wheat acreage. Bobcat was developed by MSU and released in 2019. Bobcat is a hard red winter wheat with a solid stem and improved yield potential. Bobcat is marked by medium to late maturity, and is an awned, white-glumed, and semi-dwarf variety. Bobcat was the top performing line where sawfly cutting has occurred. It has above average test weight and average protein. It is resistant to prevalent races of stripe and stem rust, but susceptible to leaf rust. It is also winter hardy and has acceptable milling and baking characteristics.

**Warhorse** ranked as the second most popular winter wheat variety, planted on 15.9 percent of Montana’s 2025 total winter wheat acres. Warhorse is a solid-stemmed hard red winter wheat released in 2013 by MSU. Warhorse has medium maturity and has medium short, semi-dwarf height. Warhorse yield is similar to Judee, while test weight and protein are above average. Warhorse is resistant to both stem and stripe rust. Warhorse has acceptable milling and baking qualities.

**Keldin** ranks third in winter wheat acres for 2025 and accounts for 7.1 percent of planted winter wheat acreage. Keldin is a medium late, semi-dwarf hard red winter wheat. It has excellent yield and a strong stem. It also has good resistance to disease. It was developed by Pflanzenzucht Oberlimpurg of Germany and licensed to WestBred, LLC.

**Brawl CL Plus** is the fourth most common winter wheat variety planted in Montana and represents 5.3 percent of planted acres. It is medium-tall, has excellent straw strength, early maturity, and high yields. It also has good drought tolerance.

**AP Solid** ranks fifth in winter wheat acres, representing 4.6 percent of planted acres. AP Solid was developed by AgriPro and released in 2022. It is known to have strong stem strength to help with sawfly management. AP Solid has medium height, medium to late maturity, and excellent test weight.

Montana Top 5 Winter Wheat Varieties	
Variety	Percent of Acres Planted
Bobcat	22.2
Warhorse	15.9
Keldin	7.1
Brawl CL Plus	5.3
AP Solid	4.6

### DURUM WHEAT

**Alzada** is ranked as the most common Durum variety, representing 21.9 percent of Montana’s total Durum wheat acreage planted. Alzada was developed by WestBred, LLC in Bozeman, Montana, and was first released for commercial planting in 2004. The variety has competitive yields, along with excellent straw strength and good sawfly tolerance. Alzada has a high-test weight, protein content, and demonstrates good scores for semolina color and gluten strength.

**ND Riveland** ranks as the second most popular variety for 2025, with 18.1 percent of the total Durum wheat planted acreage. Released in 2017 by NDSU, ND Riveland has medium height, good straw strength, medium maturity, and good overall quality.

**AC Strongfield** is the third most common wheat variety in 2025, representing 9.8 percent of Durum wheat acreage planted. AC Strongfield is known for its high grain yield potential, strong straw strength, and good resistance to lodging and tan spot.

**AC Transcend** is the fourth most popular Durum wheat variety for 2025 and represents 6.3 percent of the Durum wheat acreage planted. AC Transcend is characterized by high yield, protein concentration, strong straw strength, and improved Fusarium head blight resistance.

**AAC Cabri** is the fifth most popular Durum wheat variety for 2025, representing 5.0 percent of the Durum wheat acreage. AAC Cabri is known for its solid stem which provides good protection against wheat stem sawfly. It also offers good yield potential, high test weight, and moderate resistance to loose smut and stem rust.

Montana Top 5 Durum Wheat Varieties	
Variety	Percent of Acres Planted
Alzada	21.9
ND Riveland	18.1
AC Strongfield	9.8
AC Transcend	6.3
AAC Cabri	5.0

# Montana Agricultural Statistics Districts



**Spring Wheat: Reported Percent Planted by District and Variety – Montana: 2025**

Variety <sup>1</sup>	District 10 Northwest	District 20 North Central	District 30 Northeast	District 50 Central	District 70 Southwest	District 80 South Central	District 90 Southeast	State Total
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Dagmar .....	--	45.3	27.2	46.3	--	--	--	34.6
Vida.....	--	17.4	9.7	18.2	--	--	6.1	13.2
SY Longmire .....	--	3.5	5.6	--	--	--	--	4.9
Brennan .....	--	--	6.8	--	--	--	--	3.1
Barlow .....	--	--	3.6	--	--	--	--	2.6
SY Ingmar .....	--	0.6	4.8	--	--	--	--	2.6
Reeder .....	--	--	5.5	--	--	--	--	2.5
WB 9668 .....	19.0	0.5	--	14.5	79.1	13.3	--	1.9
Rocker .....	--	2.2	--	--	--	--	--	1.8
Duclair.....	--	3.3	--	--	--	--	--	1.8
WB Gunnison .....	--	3.9	--	--	--	--	--	1.8
AP Murdock.....	--	--	--	--	--	--	--	1.6
SY Soren.....	--	--	3.3	--	--	--	--	1.5
Corbin .....	--	3.1	--	--	--	--	--	1.4
Lanning .....	--	2.0	0.9	--	--	--	--	1.3
AP Smith .....	--	--	2.8	--	--	--	--	1.3
SY Rockford.....	--	--	2.7	--	--	--	--	1.2
Fortuna .....	--	2.4	--	--	--	--	--	1.1
SY McCloud .....	--	--	2.2	--	--	--	--	1.0
WB 9879 CLP.....	--	1.0	--	5.4	--	--	--	0.8
Mott.....	--	--	1.0	--	--	--	--	0.8
McNeal.....	--	--	1.6	--	--	--	--	0.7
Kelby .....	--	--	--	--	--	--	--	0.4
AP Gunsmoke CL2 .....	--	0.7	--	--	--	--	--	0.4
MT Sidney.....	--	--	0.5	--	--	--	--	0.3
Choteau .....	--	--	--	--	--	--	--	0.3
WB 9724 CLP .....	--	0.4	--	--	--	--	--	0.2
Bolles .....	--	--	--	--	--	--	--	0.2
MT Carlson.....	--	0.3	--	--	--	--	--	0.2
LCS Hammer AX.....	--	--	--	--	--	--	--	0.1
WB 9303 .....	8.2	--	--	--	--	--	--	0.1
Other, Unknown <sup>2</sup> .....	72.8	13.4	21.8	15.6	20.9	86.7	93.9	14.3
Total .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(--) No data, minor amount of data reported, or withheld to avoid disclosing data for individual operations.

<sup>1</sup> AAC= Agriculture and Agri-foods Canada, AP=AgriPro, LCS=Limagrain Cereal Seeds, MS=Meridian Seeds, MT=Montana State University, ND=North Dakota State University, SY=Syngenta, and WB=WestBred.

<sup>2</sup> Other includes AAC Concord, Alum, Ambush, Conan, Egan, Elgin-ND, Hale, LCS Albany, LCS Trigger, MS Cobra, MT Dutton, ND Vitpro, Oneal, Steelend, SY Gunsight, SY Valda, WB 9449, WB 9590, WB 9719, WB 9929, Other, and unknown varieties.

## Winter Wheat: Reported Percent Planted by District and Variety – Montana: 2025

Variety <sup>1</sup>	District 10 Northwest	District 20 North Central	District 30 Northeast	District 50 Central	District 70 Southwest	District 80 South Central	District 90 Southeast	State Total
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Bobcat.....	--	28.6	--	14.3	--	--	--	22.2
Warhorse .....	--	21.1	--	7.2	--	--	--	15.9
Keldin.....	35.1	6.6	--	9.2	20.6	10.1	--	7.1
Brawl CL Plus.....	--	2.4	--	20.2	--	5.8	--	5.3
AP Solid .....	--	6.1	--	--	--	--	--	4.6
Battle AX .....	--	2.4	--	4.2	--	--	--	3.1
Fortress.....	--	3.0	--	5.5	--	--	--	3.0
SY Monument .....	--	2.1	--	5.7	--	--	--	2.7
Yellowstone.....	--	2.3	8.8	3.6	--	--	--	2.6
MT Warcat .....	--	3.4	--	1.3	--	--	--	2.5
Standclear CLP .....	--	2.0	--	--	--	4.6	--	1.7
WB 4483 .....	--	2.4	--	--	--	--	--	1.6
AP18 AX .....	--	--	--	--	--	17.1	--	1.5
Ramsey.....	--	1.0	--	3.5	--	3.5	--	1.5
Judee .....	--	2.1	--	--	--	--	--	1.4
CP 7050 AX .....	--	--	--	--	--	--	--	1.2
CP 7017 AX .....	--	1.0	--	1.8	--	--	--	1.1
SY Clearstone 2CL.....	--	0.2	--	5.3	--	1.5	--	1.1
Fourosix .....	--	--	13.1	2.3	--	--	--	1.1
Loma.....	--	1.3	--	--	--	--	--	0.9
AAC Wildfire.....	--	--	24.0	--	--	--	--	0.9
WB 4733 CLP .....	--	0.5	--	--	--	--	--	0.7
WB 4444 .....	--	--	--	3.1	--	--	--	0.6
Ray .....	--	0.2	1.9	1.5	--	--	3.0	0.5
WB 4619 .....	--	--	--	--	--	--	--	0.5
Northern .....	--	--	--	--	--	--	--	0.4
Willow Creek .....	--	--	--	0.4	--	--	6.1	0.4
Scorpio.....	--	0.3	--	--	--	--	--	0.4
SY Wolf.....	--	--	--	--	--	--	--	0.3
WB 4792 .....	--	0.4	--	--	--	--	--	0.3
LCS Jet .....	--	--	--	--	--	--	--	0.2
Peregrine .....	--	--	--	--	--	--	6.1	0.2
Decade .....	--	--	--	--	--	--	--	0.2
CS Bridger CLP.....	--	--	--	--	--	--	--	0.1
WB 7427 .....	--	--	--	--	--	--	--	0.1
Other, Unknown <sup>2</sup> .....	64.9	10.6	52.2	10.9	79.4	57.4	84.8	12.1
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(--) No data, minor amount of data reported, or withheld to avoid disclosing data for individual operations.

<sup>1)</sup> AAC=Agriculture and Agri-foods Canada, AP=AgriPro, CDC=Crop Development Centre, CP=Croplan, LCS=Limagrain Cereal Seeds, MT=Montana State University, ND=North Dakota State University Research Foundation, SY=Syngenta, and WB=WestBred.

<sup>2)</sup> Other includes AP24 AX, CDC Falcon, Flathead, Fortify SF, Jerry, LCS Helix AX, LCS Missile, Milestone, Rampart, SY Wolverine, WB Matlock, Other, and unknown varieties.

## Durum Wheat: Reported Percent Planted by District and Variety – Montana: 2025

Variety <sup>1</sup>	District 10 Northwest	District 20 North Central	District 30 Northeast	District 50 Central	District 70 Southwest	District 80 South Central	District 90 Southeast	State Total
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alzada .....	--	94.8	1.7	--	--	--	--	21.9
ND Riveland .....	--	--	23.2	--	--	--	--	18.1
AC Strongfield .....	--	--	12.8	--	--	--	--	9.8
AC Transcend .....	--	--	8.1	--	--	--	--	6.3
AAC Cabri .....	--	--	6.4	--	--	--	--	5.0
Divide .....	--	--	5.8	--	--	--	--	4.6
AAC Stronghold .....	--	--	5.6	--	--	--	--	4.3
Joppa .....	--	--	5.0	--	--	--	--	3.9
Mountrail .....	--	--	3.5	--	--	--	--	2.7
CDC Defy .....	--	--	3.1	--	--	--	--	2.5
Carpio .....	--	--	--	--	--	--	--	0.9
ND Stanley .....	--	--	0.9	--	--	--	--	0.8
Valier .....	--	--	--	--	--	--	--	0.3
Other, Unknown <sup>2</sup> .....	100.0	5.2	23.9	100.0	--	--	100.0	18.9
Total .....	100.0	100.0	100.0	100.0	--	--	100.0	100.0

(-- ) No data, minor amount of data reported, or withheld to avoid disclosing data for individual operations.

<sup>1)</sup> AAC=Agriculture and Agri-foods Canada, AC=Agri-foods Canada, CDC=Crop Development Centre, MT=Montana State University, ND=North Dakota State University.

<sup>2)</sup> Other includes AC Brigade, Dilse, Grenora, Kyle, MT Raska, Renville, Tioga, Other, and unknown varieties.

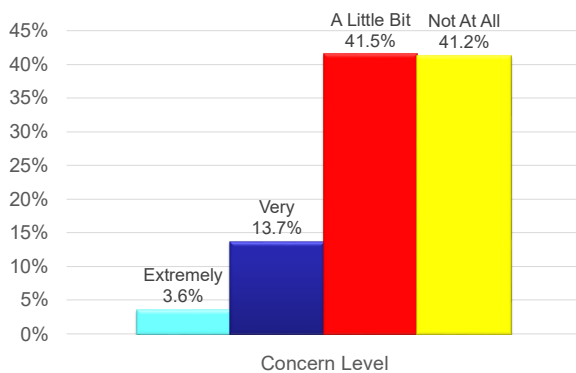
## CONSUMER GLUTEN INTOLERANCE

Growers of Montana wheat were asked their level of concern regarding gluten intolerance, either medically or perceived, affecting wheat food/beverage sales. The following shows the options respondents had to choose from:

- Extremely:** I believe it's creating a severe impact on our income.
- Very:** I believe it is impacting our income some.
- A Little Bit:** I believe it has impact on some markets, but I believe fads change so I'm not too worried.
- Not At All:** It really doesn't concern me.

Survey responses from producers are illustrated in the following chart.

**Concern Level about Consumer Gluten Intolerance  
Montana: 2025**



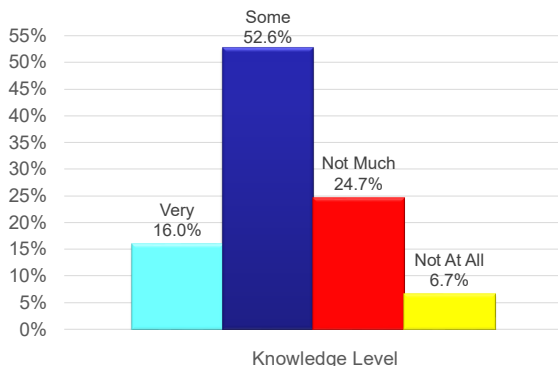
## KNOWLEDGE OF END USE PRODUCTS

Growers were also asked their level of knowledge regarding the end-use products made from Montana grown wheat. Producers had the following options to choose from:

- Very:** I have educated myself through experiences and personal study.
- Some:** I understand how variety selection can make a difference but need to know more.
- Not Much:** It's not something I hear about very often, but maybe I should focus more on.
- Not At All:** I have no idea what products are made, but I'm really not interested in that anyway.

Survey responses from producers are illustrated in the following chart.

**Knowledge of Montana Wheat End-Use Products  
Montana: 2025**



## EDUCATION CAMPAIGN ON NUTRITIONAL VALUE

Lastly, growers of both wheat and barley were asked whether the Montana Wheat and Barley Committee should invest in a campaign to educate Montana consumers about the nutritional value of wheat and barley. Survey respondents had the following options to choose from:

- Absolutely:** We need truthful food messaging, and it could help our value-added industry.
- Sure:** But better if it's in cooperation with other Montana farm group(s).
- Maybe:** I believe it's important, but I would not spend much time on it.
- No:** I prefer MWBC funds stay focused on research and overseas markets.

Survey responses from producers are illustrated in the following chart.

**Education Campaign on Nutritional Value  
Montana: 2025**

