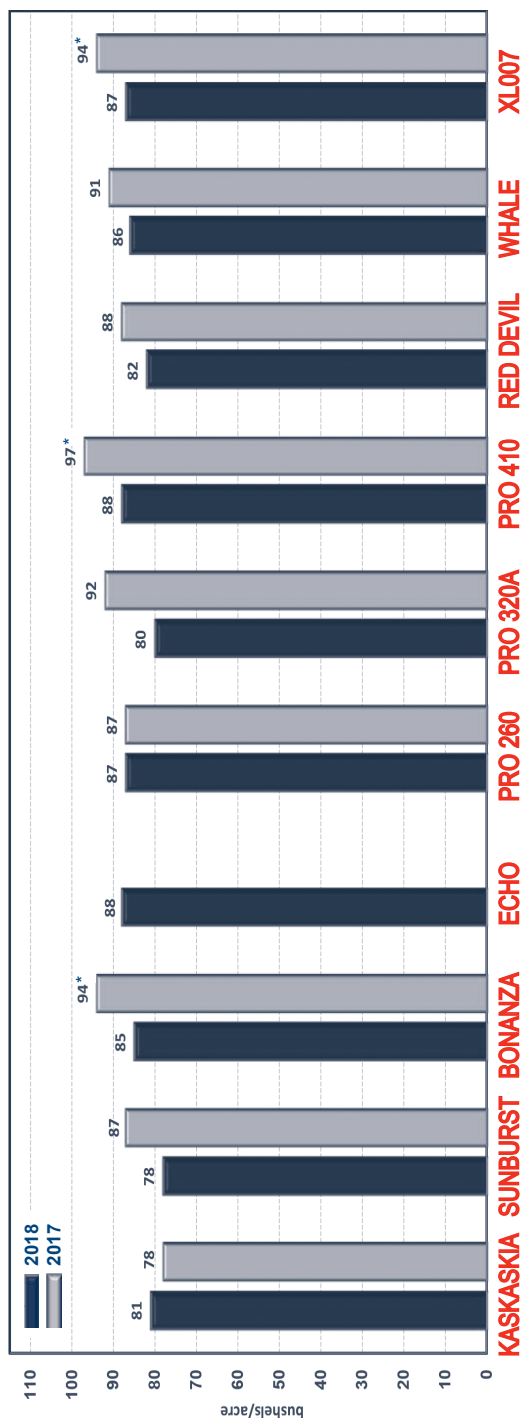
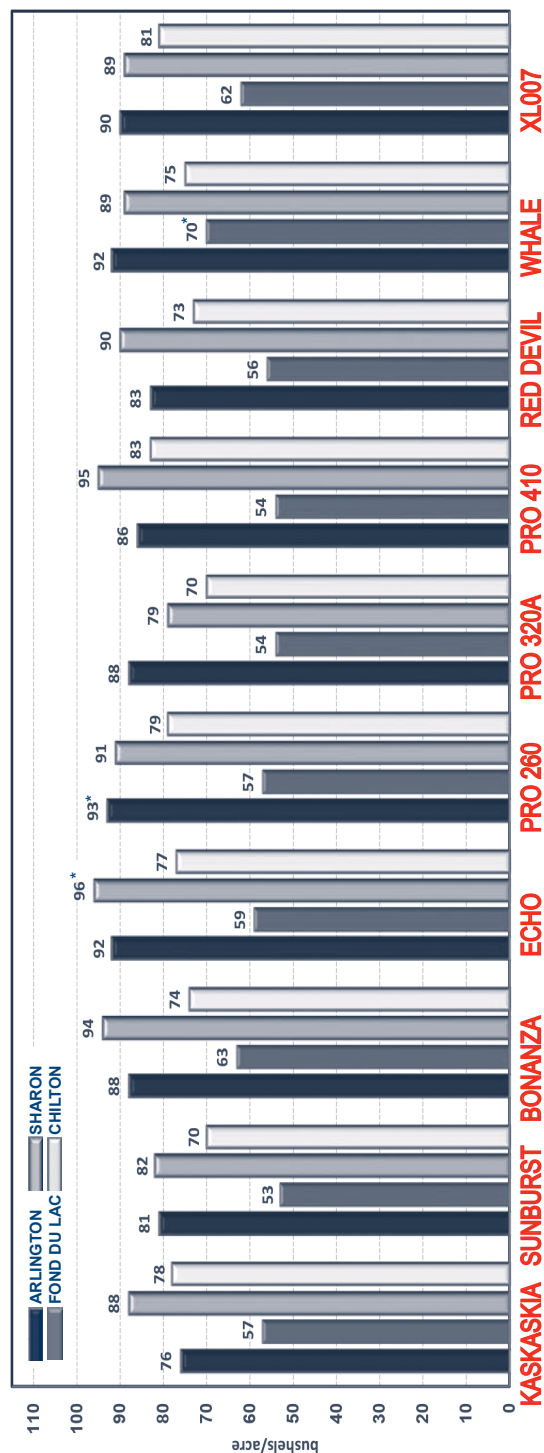


# WINTER WHEAT VARIETY YIELD DATA

2018 FOUR LOCATIONS AND 2017 THREE LOCATIONS (1 YR. MEANS)



## 2018 INDEPENDENT TRIAL LOCATIONS



\* Varieties either highest yielding variety or not significantly different from the highest yielding variety in the trial. Information for data/tables is supplied by the University of Wisconsin publication A3868. To view publication visit [agronomy.wisc.edu](http://agronomy.wisc.edu), or [www.uwex.edu](http://www.uwex.edu), or [www.coolbean.info](http://www.coolbean.info).  
2018 locations: Arlington, Fond du Lac, Sharon, Chilton. 2017 locations: Arlington, Fond du Lac, Sharon.

CERTIFIED WHEAT CERTIFIED WHEAT CERTIFIED WHEAT

## WISCONSIN CROP IMPROVEMENT ASSOCIATION

## WINTER WHEAT DATA FOR 2018 PLANTING



Wisconsin Crop Improvement Association  
1575 Linden Dr., 554 Moore Hall  
Madison, WI 53706-1514  
Phone 800-892-1341 or 608-262-1341  
Website: [wcia.wisc.edu](http://wcia.wisc.edu)

# Winter Wheat Variety Descriptions

Variety/Brand	Plant Characteristics					Disease Resistance					
	Seed Color	Plant Height	Winter Hardiness	Lodging Resistance	Beards	Test Weight	Leaf Rust	Stem Rust	Powdery Mildew	Glume Blotch	Fusarium Head Blight
Kaskaskia	Red	Medium	Very Good	Excellent	Yes	Excellent	R	S	S	----	MS
Sunburst	Red	Short	Good	Excellent	No	Excellent	R	----	----	----	MR
Bonanza	Red	Medium	Very Good	Very Good	Yes	Very Good	R	----	R	----	----
Echo	Red	Med-Tall	Very Good	Good	No	Very Good	MR	----	MR	----	----
Pro 260	Red	Medium	----	Very Good	No	Excellent	R	----	MR	----	MS
Pro 320A	Red	Medium	Very Good	Very Good	Yes	Excellent	R	----	MS	----	MS
Pro 410	Red	Medium	----	Excellent	Yes	Excellent	R	----	S	MR	S
Red Devil	Red	Medium	Very Good	Excellent	Yes	Very Good	----	----	R	----	----
Whale	Red	Medium	Good	Good	No	Very Good	R	----	R	----	----
XL007	Red	Medium	Very Good	Excellent	Yes	Good	MR	----	MR	MR	R

R=Resistance MR=Moderately Resistant MS=Moderately Susceptible S=Susceptible



**KASKASKIA** — Kaskaskia is an awned, white chaffed, medium height soft red winter wheat variety released by the University of Illinois Agricultural Experiment Station. Kaskaskia has high yields and test weight. Kaskaskia has very good winter hardiness. It is moderately resistant to soil-borne wheat mosaic virus and wheat spindle streak mosaic virus. Kaskaskia is resistant to some races of leaf rust and has a moderate level of tolerance to head scab. Kaskaskia is susceptible to stem rust, powdery mildew, biotypes B, C, D, E, GP and L of the Hessian fly. It has not been evaluated with other Hessian fly biotypes. Kaskaskia received a star in the 2018 Arlington location trial. Kaskaskia is easily distinguished from other soft red winter wheat varieties by a unique genetic response which involves the lengthwise twisting and curling of the flag leaves. Kaskaskia is a U.S. Plant Protected Variety (PVPA 1994). Seed of this variety can only be sold as a class of certified seed.



**SUNBURST** — Sunburst is a proprietary, high yielding soft red winter wheat released in 2008 and is exclusively licensed thru Central Ohio Seed Testing. Sunburst is widely adapted to the Eastern Corn Belt and is intended for general-purpose wheat market. Sunburst has blue-green head color, an erect-twisted flag leaf, short height, excellent straw strength and is awnless. Sunburst has good winter hardiness, excellent test weight, high yield potential, good scab resistance and leaf stripe rust resistance. Sunburst contains green stage variants including 0.05% yellow green tall, 0.05% yellow green awned, 0.35% yellow green, 0.5% tall awned, 0.1% tall, for a combined variant total of 1.05%. Sunburst is a licensed variety protected under the U.S. Plant Variety Protection Act (PVPA 1994). Seed of Sunburst can legally be produced and labeled for sale only as certified seed by growers who have been licensed.



**BONANZA BRAND** — Bonanza Brand is a medium-early maturity, tip-awned wheat with very high yields and above average test weight. It carries a superb all-around disease package including high resistance to stripe rust, powdery mildew, head scab, BYDV, and Septoria tritici. Bonanza is a medium-tall wheat with very good straw strength and very good winter hardiness. Bonanza received a star in the 2017 all location trial. A license is required for production and distribution of Bonanza brand winter wheat seed. Seed of Bonanza Brand can be labeled for sale as Quality Assurance tagged seed by Van Treeck Seed Farms.



**ECHO BRAND** — Echo is an early maturity, beardless soft red winter wheat variety. Echo is tall with good standability, high yield, and above average test weight. Echo has excellent tolerance to stripe rust, head scab, BYDV, Septoria Tritici, and soil-borne mosaic virus. Echo has good resistance to leaf rust and moderate resistance to powdery mildew. Echo received a star in the 2018 Arlington location trial. A license is required for production and distribution of Echo Brand winter wheat seed. Seed of Echo Brand can be labeled for sale as Quality Assurance tagged seed by Van Treeck Seed Farms.



**PRO 260 BRAND** — Pro 260 Brand is a beardless, white chaffed, soft red winter wheat. Its maturity is similar to Kaskaskia. Pro 260 Brand is resistant to stripe rust, leaf rust and is resistant to moderately resistant to powdery mildew and Septoria leaf blotch. It is moderately resistant to moderately susceptible to Fusarium. Pro 260 received a star in the 2018 Arlington location trial. A license is required for production and distribution of Pro 260 winter wheat seed. Seed of Pro 260 can be labeled for sale as Quality Assurance tagged seed by members of Pro Seed Genetics.



**PRO 320A BRAND** — Pro 320A Brand, a bearded soft red winter wheat, has very high yields, tan chaff and excellent test weight. Maturity and standability are similar to Kaskaskia. Pro 320A Brand is similar in height to Pro 240 and has very good winter hardiness and good milling and baking qualities. It is moderately susceptible to powdery mildew and head scab. Pro 320A Brand is moderately resistant to Septoria leaf blotch and BYDV. It has very good resistance to stripe rust and leaf rust. A license is required for production and distribution of Pro 320A winter wheat seed. Seed of Pro 320A can be labeled for sale as Quality Assurance tagged seed by members of Pro Seed Genetics.



**PRO 410 BRAND** — Pro 410 Brand is high yielding, apically awned, average maturity with average height wheat brand. Pro 410 Brand has intermediate resistance to tan spot, glume blotch, speckled leaf blotch and soil borne mosaic virus (SBMV). This variety is resistant to leaf rust and susceptible to powdery mildew. Pro 410 Brand received stars at the 2017 all location trial, and at both the 2017 Arlington and 2017 Sharon locations. A license is required for production and distribution of Pro 410 winter wheat seed. Seed of Pro410 can be labeled for sale as Quality Assurance tagged seed by members of Pro Seed Genetics.



**MCIA RED DEVIL BRAND** — MCIA Red Devil Brand is an awned, white chaffed, soft red winter wheat with excellent yield. Standing at approximately 32 inches, MCIA Red Devil Brand has very good test weight and winter hardiness. It is resistant to powdery mildew and stripe rust. Seed of Red Devil Brand can be legally produced and labeled for sale only as Quality Assurance seed.



**MCIA WHALE BRAND** — MCIA Whale Brand is an awnless, white chaffed, soft red winter wheat bred in Indiana and has performed very well. MCIA Whale Brand is broadly adapted and has resistance to many diseases such as powdery mildew, septoria leaf blotch, leaf rust, and stripe rust. MCIA Whale Brand is a long season line, has medium height, but still has very good lodging and winter hardiness. MCIA Whale Brand has shown very good yield potential well through the state in a number of conditions and environments. MCIA Whale Brand received a star in the 2017 Arlington and 2018 Fond Du Lac location trials. A license is required for seed production and distribution. Seed of Whale Brand can be legally produced and labeled for sale only as Quality Assurance seed.



**XL007 BRAND** — XL007 Brand is an excellent yielding, medium maturity, average height, awned wheat brand. This brand has intermediate resistance to leaf rust, tan spot, glume blotch, speckled leaf blotch, powdery mildew, scab and soil borne mosaic virus (SBMV). XL007 Brand received a star in the 2016 and 2017 all location trials. A license is required for production and distribution of XL007 winter wheat brand. Seed of XL007 can be labeled for sale as Quality Assurance tagged seed by Van Treeck Seed Farms.