



Wisconsin Winter Wheat A3868 Performance Trials 2024

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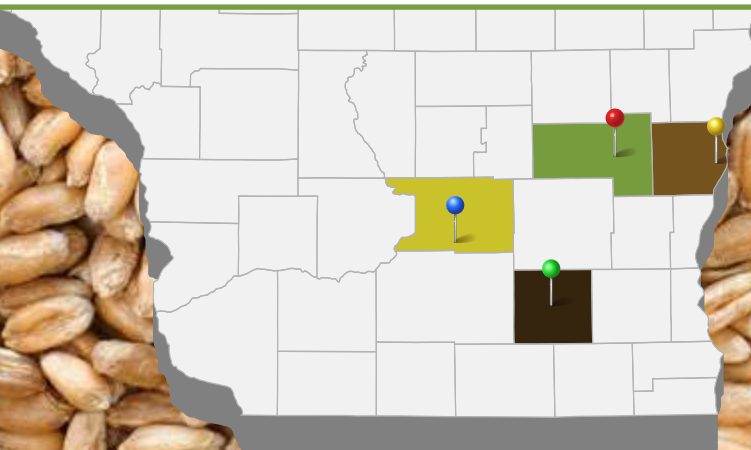




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The Wisconsin Winter Wheat Performance Trials are conducted each year to give growers information to select the best-performing varieties that will satisfy their specific goals. The performance trials are conducted each year at four locations in Wisconsin: Arlington, Fond du Lac, Random Lake, and Waterloo. Trials include released varieties, experimental lines from university breeding programs and lines from private seed companies. The primary objective of these trials is to quantify how varieties perform at different locations and across years. Growers can use this data to help select which varieties to plant; breeders can use performance data to determine whether to release a new variety.



Arlington

Cooperator: Mike Bertram
Soil type: Plano silt loam
7.5 inch row spacing Applied 55 lb N/a
Planted: October 2, 2023
Harvested: July 11, 2024



Fond du Lac

Cooperator: Ed Montsma
Soil type: St. Charles silt loam
7.5 inch row spacing Applied 55 lb N/a
Planted: October 3, 2023
Harvested: July 22, 2024



Random Lake

Cooperator: Steve Wilkens
Soil type: Hochheim silt loam
7.5 inch row spacing Applied 55 lb N/a
Planted: October 5, 2023
Harvested: July 19, 2024



Waterloo

Cooperator: Larry Holzhuetter
Soil type: Fox silt loam
7.5 inch row spacing Applied 55 lb N/a
Planted: October 2, 2023
Harvested: July 12, 2024

2024 Year in Review

Acreage and Growing Conditions

Wisconsin saw a 5% decrease in winter wheat acres planted (265,000) in the 2023-2024 growing season compared to the previous year; 190,000 acres are forecasted to be harvested for grain, down 17% from 2023. The forecasted yield for the 2024 crop is 80 bu/a, up 4 bu/a from 2023. Wheat acres were generally planted on time with corn and soybean harvest progressing on average. Mild winter conditions and adequate snowfall resulted in good winter survival. Wheat broke dormancy in early April and crop development was normal even with above normal precipitation and normal GDU accumulation.

Overall, winter wheat yield and test weights below average to low in 2024. Wheat yields at the Arlington, Fond du Lac, Random Lake, and Waterloo locations averaged 95, 80, 98, 95 bu/a, respectively.

* Source: USDA National Agricultural Statistics Service (www.nass.usda.gov)

Diseases

Disease levels were considerably higher in 2024 than in the past several seasons. We saw the highest levels of Fusarium head blight (FHB or Scab; caused by *Fusarium graminearum*) since 2021 and stripe rust (caused by *Puccinia striiformis*) was at damaging levels at several locations, a first since 2017. Optimal weather for both pathogens at Arlington resulted in yield limiting FHB and stripe rust epidemics at Arlington and data are reported below. At the Waterloo location stripe rust was not a concern but FHB was prevalent with some varieties experiencing yield limiting levels of FHB. At the Fond du Lac location weather and growth stages did not line up to cause much of a disease issue. This location was inadvertently sprayed with a fungicide at Feekes 10.51. At the Random Lake location, only stripe rust was observed, and severity levels were recorded for this disease across the trial. No other diseases were readily apparent in the variety trial locations. Statewide, stripe rust and FHB were apparent with some hotspots of both diseases. Occasional reports of powdery mildew (caused by *Blumeria graminis* f. sp. *tritici*) and tan spot (caused by *Pyrenophora tritici-repentis*) could be found but did not impact yield except on the occasional highly susceptible variety. Be sure to study the disease data below to make decisions for varieties to plant for 2025. This is the first season in several where good disease data can be used to make informed variety choices. Look for varieties that had low disease severity levels across several locations. These will also likely be the varieties that yielded consistently across those same locations.

Using Data to Select Top-Yielding Varieties

As with any crop, variety selection is the most important factor to consider in maximizing winter wheat yield and profitability. When choosing a winter wheat variety, several factors must be considered. These include winter survival, insect and disease resistance, heading date, lodging, test weight and most importantly, yield. Since no variety is ideal for every location, it is important to understand the crop environment and pest complex that affects your specific region to maximize yield.

- **Yield** is based on the genetic potential and environmental conditions in which the crop is grown. Therefore, by diversifying the genetic pool that is planted, a grower can hedge against crop failure. Select those varieties that perform well not only in your area but also across experimental sites and years. This will increase the likelihood that, given next year's environment (which you cannot control), the variety you selected will perform well. (Table 3 gives an overview of yields across all locations.)
- **Test weight** is also an important factor to consider when selecting a variety. The minimum test weight to be considered a U.S. #2 soft red winter wheat is 58 lb./bu. Wheat at lower test weights will be discounted. Both environment and pests may greatly affect test weight; therefore, selecting a variety that has a high-test weight potential in your region is critical to maximizing economic gain.
- Select a variety that has the specific **disease resistance** characteristics that fit your cropping needs. By selecting varieties with the appropriate level of resistance, crop yield loss may be either reduced or avoided without the need for pesticides. Careful management of resistant cultivars through crop and variety rotation are required to ensure that these characteristics are not lost.
- **Plant height** and lodging potential are also important varietal characteristics that may be affected by your cropping system. If the wheat crop is intended for grain only, it may be important to select a variety that is short in stature and has a low potential for lodging. This may decrease yield loss due to crop spoilage and harvest loss as well as increase harvesting rate. However, if the wheat crop is to be used as silage or is to be harvested as both grain and straw, then selecting a taller variety may be warranted.

Experimental Procedures

At Planting

Site details: Summarized on page 3.

Seedbed preparation: Conventional and no-till methods.

Seeding rate: 1.75 million seeds per acre.

Seed treatments: Identified in Table 2.

Fertilizer and herbicides: Nitrogen was applied in spring according to UWEX recommendations. Phosphorus and potassium were applied as indicated by soil tests. Herbicides were applied for weed control as necessary.

Planting: A grain drill with a 9 row cone seeder was used to plant the plots, all 25 feet in length. To account for field variability and for statistical analysis, each variety was grown in four separate plots (replicates) in a randomized complete block design at each location.

Midseason

Disease assessments: Foliar disease assessments were made at all trial locations during June at Feekes 10.0 (emerging heads). Assessments were made in the field by visual estimation of incidence (number of plants with symptoms) and average severity (magnitude of damage on plants with symptoms) across the plot using pre-made rating scale diagrams generated using the Severity Pro software (F. Nutter, Iowa State University). Fusarium head blight assessments were made two weeks after the completion of anthesis at all trial locations. Entire plots were visually assessed for Fusarium head blight incidence and severity using pre-made rating scale diagrams.

Harvest

Yield: The center seven rows of each plot were harvested with a self-propelled combine. Grain was weighed and moisture and test weight were determined in the field using electronic equipment on the plot harvester. Yield is reported as bu/a (60 lb/bu) at 13.5% moisture content.

Lodging: Lodging scores were based on the average erectness of the main stem of plants at maturity. 1 = all plants erect, 2 = slight lodging, 3 = plants lodged at 45o angle, 4 = severe lodging, 5 = all plants flat.

Data Presentation

Yield: Listed in Tables 3-7. Data for both 2023 and 2024 are provided if the variety was entered in the 2023 trials.

Least significant difference: Variations in yield and other characteristics occur because of variability in soil and other growing conditions that lower the precision of the results. Statistical analysis makes it possible to determine, with known probabilities of error, whether a difference is real or whether it may have occurred by chance.

Growers can use the appropriate least significant difference (LSD) value at the bottom of the tables to determine true statistical differences. Where the difference between two selected varieties within a column is equal to or greater than the LSD value at the bottom of the column, there is a real difference between the two varieties in nine out of ten instances. If the difference is less than the LSD value, there may still be a real difference, but the experiment has produced no evidence of it. Data that is not significant is indicated by NS.

If an entrant is not listed for a brand, the entry was submitted either by the listed company or by the testing program.

Testing Agencies

The Wisconsin Winter Wheat Performance Trials were conducted by the Departments of Plant & Agroecosystem Sciences and Plant Pathology, College of Agricultural and Life Sciences and the University of Madison-Wisconsin-Extension.

Additional Information

Check the following publications for additional information on small grain production and seed availability. Both are updated annually. Pest Management in Wisconsin Field Crops (A3646) available at learningstore.uwex.edu

The Wisconsin Certified Seed Directory available at wcia.wisc.edu

For information on seed availability of public varieties, contact:
Wisconsin Crop Improvement Association
8520 University Green
Middleton, WI 53562
(800) 892-1341, wcia.wisc.edu

To access crop performance testing information electronically, visit: www.coolbean.info

For more information on wheat production please also follow Dr. Conley on Twitter @badgerbean

Please click [HERE](#) for A Visual Guide to Winter Wheat Development and Growth Staging



Table 1. 2024 Company Information

Brand (Entrant)	Company	Phone #	Website
AgriMAXX	AgriMAXX Wheat Company	(855) 629-9432	www.agrimaxxwheat.com
AgriPro	Grow Pro Genetics	(618) 633-2017	www.growprogenetics.com
CROPLAN	WinField United		www.CROPLAN.com
Diener	BioTown Seeds Inc.	(219) 984-6038	www.biotownseeds.com
Dyna-Gro	Nutrien Ag Solutions	(217) 993-1557	nutrienagsolutions.com
FS InSPIRE Wheat	GROWMARK, Inc.	(309) 242-3439	www.fsseeds.com
Kennell Seed Farms	Kennell Seed Farms	(608) 379-0585	
KF Brand	Kratz Farms LLC	(262) 305-6631	www.kratzfarms.com
KWS Cereals	KWS Cereals	(217) 888-0176	www.kws.com
L-Brand (Ag Pro)	Ag Pro Enterprises, LLC	(920) 904-1758	
Legacy	Legacy Seeds Inc.	(866) 791-6390	www.legacyseeds.com
OSIA	Ohio Seed Improvement Association	(614) 889-1136	www.ohioseed.org
Pioneer	Corteva Agriscience	(515) 535-3200	www.pioneer.com
PiP	Partners in Production	(608) 335-2112	www.pipseeds.com
Pro Seed Genetics	Pro Seed Genetics Cooperative	(920) 255-1361	
Public	WI Foundation Seeds	(608) 846-3761	www.wisconsinfoundationseeds.wisc.edu
Van Treeck's	Van Treeck's Seed Farm	(920) 467-2422	
Viking	Albert Lea Seed	(800) 352-5247	www.alseed.com

Table 2. 2024 Entered Varieties and Seed Treatments

Brand (Entrant)	Variety	Head Type	Seed Treatment(s)
AgriMAXX	498	Awnless	PRIME ST
AgriMAXX	503	Awnless	PRIME ST
AgriMAXX	525	Awned	PRIME ST
AgriMAXX	531	Awnless	PRIME ST
AgriMAXX	543	Awnless	PRIME ST
AgriMAXX	545	Awned	PRIME ST
AgriMAXX	2314	Awned	PRIME ST
AgriMAXX	2405	Awned	PRIME ST
AgriPro	GP 015	Awnless	CruiserMaxx, Vibrance
AgriPro	GP 463	Awnless	CruiserMaxx, Vibrance
AgriPro	GP 543	Awnless	CruiserMaxx, Vibrance
AgriPro	SY Viper	Awnless	CruiserMaxx, Vibrance
CROPLAN	CP8007	Awnless	Resonate, Warden Cereals II
CROPLAN	CP8045	Awned	Resonate, Warden Cereals II
CROPLAN	CP8224	Awnless	Resonate, Warden Cereals II
Diener	D491W	Awned	Resonate, Warden Cereals II
Diener	D506W	Awned	Resonate, Warden Cereals II
Diener	DXW2023	Awned	Resonate, Warden Cereals II
Diener	DXW2320	Awned	Resonate, Warden Cereals II
Diener	DXW2324	Awned	Resonate, Warden Cereals II
Diener	DXW2325	Awned	Resonate, Warden Cereals II
Dyna-Gro	9120	Awned	Awaken, Foothold Virock
Dyna-Gro	9151	Awned	Awaken, Foothold Virock
Dyna-Gro	9172	Awned	Awaken, Foothold Virock
Dyna-Gro	9182	Awnless	Awaken, Foothold Virock
Dyna-Gro	9422	Awned	Awaken, Foothold Virock
Dyna-Gro	9533	Awnless	Awaken, Foothold Virock
Dyna-Gro	9542	Awned	Awaken, Foothold Virock
Dyna-Gro	9553	Awned	Awaken, Foothold Virock
Dyna-Gro	9570	Awned	Awaken, Foothold Virock
Dyna-Gro	9593	Awned	Awaken, Foothold Virock
Dyna-Gro	9862	Awnless	Awaken, Foothold Virock
FS InSPIRE	FS 597	Awned	Vibrance Extreme, plus insecticide
FS InSPIRE	FS 600	Awned	Vibrance Extreme, plus insecticide
FS InSPIRE	FS 606	Awnless	Vibrance Extreme, plus insecticide
FS InSPIRE	FS 617	Awned	Vibrance Extreme, plus insecticide
FS InSPIRE	FS 624	Awnless	Vibrance Extreme, plus insecticide
FS InSPIRE	FS 745	Awned	Vibrance Extreme, plus insecticide
FS InSPIRE	FS WX24B	Awnless	Vibrance Extreme, plus insecticide
FS InSPIRE	FS WX24C	Awned	Vibrance Extreme, plus insecticide

Brand (Entrant)	Variety	Head Type	Seed Treatment(s)
Kennell Seed Farms	KS 1618	Awnletted	Imidia, thiabendazole
Kennell Seed Farms	KS 2342	Awnless	Dividend Extreme
Kennell Seed Farms	KS 2413	Awnless	Dividend Extreme
KF Brand	KF 667	Awnless	Vibrance Extreme
KF Brand	KF 809	Awnless	Vibrance Extreme
KF Brand	KF 819	Awnless	Vibrance Extreme
KF Brand	KF 831	Awnless	Vibrance Extreme
KF Brand	KF 849	Awnless	Vibrance Extreme
KF Brand	KF 883	Awned	Vibrance Extreme
KF Brand	KF 898	Awnless	Vibrance Extreme
KF Brand	EX KF 867	Awnless	Warden Cereals II
KWS Cereals	KWS500	Awned	CruiserMaxx, Vibrance
KWS Cereals	KWS501	Awned	CruiserMaxx, Vibrance
KWS Cereals	KWS508	Awned	CruiserMaxx, Vibrance
KWS Cereals	KWS525	Awned	CruiserMaxx, Vibrance
KWS Cereals	KWS529	Awnletted	CruiserMaxx, Vibrance
L-Brand (Ag Pro)	L-415	Awnless	Nutriquire, Tebustar
L-Brand (Ag Pro)	L-425	Awnless	Nutriquire, Tebustar
L-Brand (Ag Pro)	L-435	Awnless	Nutriquire, Tebustar
L-Brand (Ag Pro)	L-440	Awnless	Nutriquire, Tebustar
L-Brand (Ag Pro)	L-444	Awnless	Nutriquire, Tebustar
L-Brand (Ag Pro)	L-445	Awnless	Nutriquire, Tebustar
L-Brand (Ag Pro)	L-452	Awnless	Nutriquire, Tebustar
L-Brand (Ag Pro)	L-475	Awnless	Nutriquire, Tebustar
L-Brand (Ag Pro)	L-500	Awned	Nutriquire, Tebustar
L-Brand (Ag Pro)	L-Star	Awnletted	Nutriquire, Tebustar
Legacy	LW 2021	Awnless	Nutriquire, Tebustar
Legacy	LW 2023	Awned	Nutriquire, Tebustar
Legacy	LW 2026	Awned	Nutriquire, Tebustar
Legacy	LWS-P38	Awnless	Nutriquire, Tebustar
Legacy	LWXB 1010	Awned	CruiserMaxx, Vibrance
Legacy	LWXB 1011	Awned	CruiserMaxx, Vibrance
Legacy	LWXB-305	Awned	CruiserMaxx, Vibrance
Legacy	LWXS 1040	Awnless	CruiserMaxx, Vibrance
Legacy	LWXS 2012	Awnless	CruiserMaxx, Vibrance
Legacy	LWXS P410	Awnless	CruiserMaxx, Vibrance
Legacy	LWXS P49	Awnless	CruiserMaxx, Vibrance
OSIA	Starburst	Awnless	Athena
Pioneer	25R29	Awned	LumiGEN
Pioneer	25R499	Awnless	CruiserMaxx, Vibrance, Quattrol

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Table 2. 2024 Entered Varieties and Seed Treatments

Brand (Entrant)	Variety	Head Type	Seed Treatment(s)
Pioneer	25R64	Awned	LumiGEN
Pioneer	25R76	Awned	LumiGEN
PiP	702	Awnless	Charter, Imidacloprid
PiP	707	Awnless	Charter, Imidacloprid
PiP	708	Awnless	Charter, Imidacloprid
PiP	712	Awnless	Charter, Imidacloprid
PiP	716	Awnless	Charter, Imidacloprid
PiP	717	Awnless	Charter, Imidacloprid
PiP	719	Awnless	Charter, Imidacloprid
PiP	722	Awnless	Charter, Imidacloprid
PiP	775	Awned	Charter, Imidacloprid
PiP	781	Awned	Charter, Imidacloprid
PiP	782	Awned	Charter, Imidacloprid
PiP	786	Awned	Charter, Imidacloprid
PiP	787	Awned	Charter, Imidacloprid
PiP	788	Awned	Charter, Imidacloprid
PiP	789	Awned	Charter, Imidacloprid
PiP	790	Awned	Charter, Imidacloprid
PiP	791	Awned	Charter, Imidacloprid
PiP	793	Awned	Charter, Imidacloprid
PiP	794	Awned	Charter, Imidacloprid
PiP	795	Awned	Charter, Imidacloprid
PiP	796	Awned	Charter, Imidacloprid
PiP	799	Awned	Charter, Imidacloprid
Pro Seed Genetics	PRO 410	Awnless	metalaxyl, bacillus, tebuconazole
Pro Seed Genetics	PRO 490A	Awned	metalaxyl, bacillus, tebuconazole
Public	Sunburst	Awnless	metalaxyl, bacillus, tebuconazole
Van Treeck's	L 024	Awnless	CruiserMaxx, Vibrance
Van Treeck's	L-031	Awnless	CruiserMaxx, Vibrance
Van Treeck's	Sittin' Pretty	Awnless	CruiserMaxx, Vibrance
Viking	801	Awned	Cruiser



Table 3. Combined 2024 Winter Wheat Performance Trial Results

Brand (Entrant)	Entry	2024 means										2023 means	
		3-test average ¹		Arlington		Fond du Lac		Random Lake		Waterloo		4-test average ²	
		Yield (bu/a)	Test wt. (lb/bu)	Yield (bu/a)	Test wt. (lb/bu)	Yield (bu/a)	Test wt. (lb/bu)	Yield (bu/a)	Test wt. (lb/bu)	Yield (bu/a)	Test wt. (lb/bu)	Yield (bu/a)	Test wt. (lb/bu)
AgriMAXX	498	94	54.6	94	53.8	76	56.4	96	53.9	93	56.2	108	56.5
AgriMAXX	503	95	56.4	99	56.8	79	57.5	95	55.6	91	56.8	107	57.7
AgriMAXX	525	*100	56.2	91	55.6	75	57.4	*106	55.5	*104	57.5	106	58.4
AgriMAXX	531	94	57.4	93	57.6	76	57.8	99	56.4	90	58.3	99	58.9
AgriMAXX	543	97	55.6	93	55.6	*87	56.8	*103	55.1	96	55.9	--	--
AgriMAXX	545	*100	54.5	94	54.6	*89	55.1	*105	53.6	102	55.3	--	--
AgriMAXX	2314	88	54.1	88	53.9	77	55.2	84	52.9	93	55.4	--	--
AgriMAXX	2405	*102	55.2	99	54.9	82	56.8	102	54.4	*104	56.5	--	--
AgriPro	GP 015	94	55.9	96	56.4	*87	56.8	97	55.2	88	56.2	--	--
AgriPro	GP 463	86	54.6	77	53.6	74	56.8	97	54.0	84	56.3	100	57.5
AgriPro	GP 543	*101	54.7	100	54.7	*87	55.7	102	53.7	101	55.8	--	--
AgriPro	SY Viper	*99	57.7	*103	57.9	75	59.0	96	56.3	98	58.9	109	59.1
CROPLAN	CP8007	*103	55.0	*107	54.6	*88	55.6	*105	53.9	96	56.6	*112	57.6
CROPLAN	CP8045	*99	55.3	*101	55.8	77	56.3	99	54.2	96	56.0	104	58.6
CROPLAN	CP8224	95	55.9	94	55.1	81	58.2	91	55.4	102	57.4	109	59.2
Diener	D491W	95	55.1	87	55.3	75	56.8	98	53.9	99	56.1	111	57.9
Diener	D506W	*98	54.6	98	54.3	80	56.2	97	53.7	100	55.9	*112	58.3
Diener	DXW2023	*100	54.0	100	53.9	79	55.8	100	52.9	98	55.2	111	57.1
Diener	DXW2320	96	55.5	97	55.6	79	55.5	101	54.8	91	56.1	--	--
Diener	DXW2324	*98	55.9	93	55.6	80	56.9	100	55.4	102	56.7	--	--
Diener	DXW2325	*100	55.0	*101	54.8	*95	56.0	97	53.9	*103	56.3	--	--
Dyna-Gro	9120	97	58.2	99	58.7	73	59.1	96	57.4	98	58.6	106	60.1
Dyna-Gro	9151	96	57.9	95	58.4	71	58.8	96	56.2	97	59.1	107	60.5
Dyna-Gro	9172	*100	55.5	*102	56.0	78	56.6	101	54.4	96	56.1	107	58.2
Dyna-Gro	9182	94	56.3	99	56.5	75	57.4	94	55.5	88	56.9	107	57.8
Dyna-Gro	9422	94	54.8	84	53.9	84	56.6	98	53.9	100	56.8	--	--
Dyna-Gro	9533	87	53.4	80	52.1	82	56.0	96	53.6	84	54.4	--	--
Dyna-Gro	9542	*103	55.0	98	54.6	*89	56.2	*103	54.2	*108	56.3	--	--
Dyna-Gro	9553	*99	55.8	*103	55.6	81	57.0	101	55.5	92	56.3	--	--
Dyna-Gro	9570	*100	54.1	98	54.0	76	55.4	99	53.0	*104	55.4	--	--
Dyna-Gro	9593	*101	55.7	99	55.7	*89	56.0	101	54.6	102	56.9	--	--
Dyna-Gro	9862	89	56.3	88	56.5	73	56.7	92	55.9	87	56.6	104	57.6
FS InSPIRE	FS 597	97	56.1	95	55.8	83	56.8	100	55.5	97	57.1	106	58.8
FS InSPIRE	FS 600	97	58.1	100	58.9	80	59.1	93	56.2	98	59.2	106	60.8
FS InSPIRE	FS 606	95	58.7	94	59.3	76	59.2	101	57.4	90	59.4	106	59.9
FS InSPIRE	FS 617	*98	56.1	*101	56.5	80	57.2	96	55.0	96	57.0	107	58.8
FS InSPIRE	FS 624	97	56.8	100	56.8	80	57.7	102	56.3	89	57.3	108	58.9
FS InSPIRE	FS 745	*100	55.4	*103	55.9	80	56.4	98	54.2	100	56.1	109	58.4

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* Yield is not significantly different than that of the highest yielding cultivar (0.10 level)

¹ 3-test sites included Arlington, Random Lake, and Waterloo. Fond du Lac was omitted due to an inadvertent fungicide application made during anthesis (Feekes 10.5.1)

² 4-test sites included Arlington, Chilton, Fond du Lac, and Waterloo

Table 3. Combined 2024 Winter Wheat Performance Trial Results

Brand (Entrant)	Entry	2024 means										2023 means	
		3-test average ¹		Arlington		Fond du Lac		Random Lake		Waterloo		4-test average ²	
		Yield (bu/a)	Test wt. (lb/bu)	Yield (bu/a)	Test wt. (lb/bu)	Yield (bu/a)	Test wt. (lb/bu)	Yield (bu/a)	Test wt. (lb/bu)	Yield (bu/a)	Test wt. (lb/bu)	Yield (bu/a)	Test wt. (lb/bu)
FS InSPIRE	FS WX24B	95	55.4	93	56.1	78	57.3	97	54.9	94	55.3	--	--
FS InSPIRE	FS WX24C	*100	56.4	*102	56.6	*90	57.1	*104	55.1	94	57.6	--	--
Kennell Seed Farms	KS 1618	*101	56.8	*102	56.9	77	58.1	102	55.5	100	58.2	--	--
Kennell Seed Farms	KS 2342	97	55.9	99	55.5	83	58.1	97	54.8	96	57.4	--	--
Kennell Seed Farms	KS 2413	97	55.6	93	55.7	79	57.2	97	55.0	101	56.0	--	--
KF Brand	KF 667	*101	57.2	*103	57.3	79	58.3	*103	56.4	96	58.0	110	59.0
KF Brand	KF 809	97	55.3	98	54.6	74	56.6	102	54.1	93	57.0	*115	58.2
KF Brand	KF 819	90	53.6	84	52.5	*87	55.9	93	53.5	91	54.7	108	56.4
KF Brand	KF 831	*100	55.7	99	55.7	85	56.9	99	55.1	101	56.2	--	--
KF Brand	KF 849	97	55.6	93	55.0	86	57.8	94	54.3	*105	57.6	108	59.0
KF Brand	KF 883	*101	56.7	*105	57.2	80	56.9	*104	55.1	95	57.6	--	--
KF Brand	KF 898	*98	56.8	95	56.9	80	57.5	102	56.2	97	57.1	105	58.7
KF Brand	EX KF 867	*99	56.4	*101	56.8	82	57.5	*105	56.0	92	56.3	--	--
KWS Cereals	KWS500	93	55.4	90	55.3	84	56.8	92	54.5	97	56.4	--	--
KWS Cereals	KWS501	95	55.2	91	54.0	80	56.6	100	54.6	95	56.9	--	--
KWS Cereals	KWS508	92	54.5	91	53.6	79	55.8	96	54.1	89	55.7	--	--
KWS Cereals	KWS525	97	55.8	96	55.5	83	57.6	94	54.9	102	57.1	--	--
KWS Cereals	KWS529	*100	54.3	100	54.3	82	55.8	*104	53.2	96	55.4	--	--
L-Brand (Ag Pro)	L-415	96	57.7	97	58.0	78	58.8	95	56.2	95	58.8	--	--
L-Brand (Ag Pro)	L-425	94	58.5	95	59.1	76	59.1	102	57.5	85	58.9	102	59.7
L-Brand (Ag Pro)	L-435	92	57.3	95	57.4	71	58.3	92	56.0	89	58.5	101	59.1
L-Brand (Ag Pro)	L-440	87	58.5	89	59.2	65	59.2	89	57.4	84	59.0	95	58.8
L-Brand (Ag Pro)	L-444	*98	56.1	98	55.6	83	57.6	100	54.7	95	58.0	111	58.4
L-Brand (Ag Pro)	L-445	87	55.2	83	54.7	72	57.6	91	54.9	88	56.0	--	--
L-Brand (Ag Pro)	L-452	*98	55.2	*101	55.5	72	56.5	94	54.4	98	55.7	109	58.1
L-Brand (Ag Pro)	L-475	85	56.1	82	56.2	70	56.9	90	55.2	83	56.9	--	--
L-Brand (Ag Pro)	L-500	90	54.6	85	53.9	78	57.0	93	54.2	91	55.7	--	--
L-Brand (Ag Pro)	L-Star	85	56.5	88	57.0	63	58.0	85	56.0	81	56.5	95	58.7
Legacy	LW 2021	95	56.3	99	57.0	84	57.3	97	55.6	88	56.5	106	57.7
Legacy	LW 2023	97	55.2	96	55.7	81	56.6	99	54.1	95	55.9	106	58.5
Legacy	LW 2026	96	54.4	94	54.2	79	56.0	95	53.2	99	55.8	111	58.1
Legacy	LWS-P38	*100	54.7	100	55.0	*87	55.9	100	53.5	100	55.7	109	55.9
Legacy	LWXB 1010	*99	54.1	94	53.9	*96	55.1	*104	53.5	98	55.1	--	--
Legacy	LWXB 1011	*98	55.7	*104	55.9	82	55.6	98	54.5	93	56.7	--	--
Legacy	LWXB-305	97	53.9	97	53.8	85	56.0	100	53.1	94	54.9	111	57.1
Legacy	LWXS 1040	91	56.6	90	56.4	81	57.5	96	55.9	87	57.5	--	--
Legacy	LWXS 2012	82	53.6	69	52.7	76	56.5	91	54.0	85	54.2	--	--
Legacy	LWXSP410	94	55.8	93	56.0	81	57.4	99	55.0	91	56.5	--	--

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* Yield is not significantly different than that of the highest yielding cultivar (0.10 level)

¹ 3-test sites included Arlington, Random Lake, and Waterloo. Fond du Lac was omitted due to an inadvertent fungicide application made during anthesis (Feekes 10.5.1)

² 4-test sites included Arlington, Chilton, Fond du Lac, and Waterloo

Table 3. Combined 2024 Winter Wheat Performance Trial Results

Brand (Entrant)	Entry	2024 means										2023 means	
		3-test average ¹		Arlington		Fond du Lac		Random Lake		Waterloo		4-test average ²	
		Yield (bu/a)	Test wt. (lb/bu)	Yield (bu/a)	Test wt. (lb/bu)	Yield (bu/a)	Test wt. (lb/bu)	Yield (bu/a)	Test wt. (lb/bu)	Yield (bu/a)	Test wt. (lb/bu)	Yield (bu/a)	Test wt. (lb/bu)
Legacy	LWXSP49	96	56.1	97	57.4	*89	56.3	98	54.9	92	56.1	--	--
OSIA	Starburst	92	58.0	96	58.7	74	58.7	97	58.1	82	57.2	99	59.6
Pioneer	25R29	*98	56.1	*102	56.6	77	56.7	101	55.4	91	56.3	--	--
Pioneer	25R499	95	54.6	93	54.7	76	56.4	98	54.1	94	55.0	--	--
Pioneer	25R64	*102	54.7	99	54.5	81	54.9	*106	53.8	102	55.8	111	57.6
Pioneer	25R76	*98	56.2	100	56.8	76	57.0	100	55.2	95	56.6	105	58.3
PiP	702	96	53.9	94	54.3	82	55.4	94	52.0	99	55.3	*112	57.3
PiP	707	94	55.7	98	55.4	80	58.0	89	54.9	96	56.9	--	--
PiP	708	*101	55.6	*104	56.0	83	56.2	95	54.7	102	56.0	111	58.1
PiP	712	95	54.6	95	53.8	79	56.7	97	53.7	92	56.3	*113	56.9
PiP	716	*104	56.3	*102	56.2	83	56.6	*108	55.6	102	57.2	--	--
PiP	717	97	55.1	97	55.0	*87	55.8	*104	54.2	89	56.0	--	--
PiP	719	*100	55.2	*103	56.1	77	56.1	99	53.8	98	55.8	--	--
PiP	722	87	57.2	83	57.3	59	58.4	92	56.9	84	57.2	--	--
PiP	775	94	54.9	88	54.4	86	56.7	96	53.7	99	56.7	110	58.7
PiP	781	*103	54.0	*101	53.7	*87	55.8	102	52.9	*107	55.5	*117	56.7
PiP	782	95	54.6	88	54.0	79	56.8	97	53.6	101	56.4	--	--
PiP	786	91	55.1	84	55.3	82	57.4	92	54.0	98	56.1	--	--
PiP	787	*98	56.8	99	57.4	*88	57.7	101	55.6	94	57.6	--	--
PiP	788	97	55.0	*101	55.1	82	55.7	*103	54.7	87	55.3	--	--
PiP	789	*99	55.7	93	55.1	81	57.0	*105	55.5	98	56.6	--	--
PiP	790	96	55.2	96	55.7	80	56.6	94	54.3	97	55.7	108	58.5
PiP	791	*99	58.0	*101	58.8	77	59.2	98	56.9	97	58.5	105	60.2
PiP	793	*104	55.1	*102	54.8	*91	56.3	*103	54.3	*106	56.2	--	--
PiP	794	97	56.1	97	55.7	*92	57.0	*107	55.4	87	57.3	--	--
PiP	795	*98	55.6	100	55.5	*87	55.8	99	54.7	94	56.7	--	--
PiP	796	80	55.3	75	53.7	78	58.4	85	55.5	78	56.7	*113	58.3
PiP	799	*100	53.9	98	53.8	79	55.9	101	52.8	101	55.1	*113	57.4
Pro Seed Genetics	PRO 410	95	56.6	98	57.0	82	57.5	99	55.9	87	56.9	106	59.2
Pro Seed Genetics	PRO 490A	97	55.1	100	55.1	83	56.6	98	53.8	94	56.5	108	58.5
Public	Sunburst	88	58.4	89	59.0	79	58.8	94	57.7	82	58.5	99	59.2
Van Treeck's	L 024	95	55.6	95	55.2	85	58.3	93	54.7	96	56.9	107	59.0
Van Treeck's	L-031	*99	55.5	98	55.7	85	56.7	97	54.9	102	56.1	--	--
Van Treeck's	Sittin' Pretty	93	54.5	90	53.6	80	56.3	94	53.3	94	56.7	*114	58.3
Viking	801	*98	57.0	100	57.7	78	58.1	93	55.7	100	57.7	106	59.2
Mean		96	55.7	95	55.7	80	57.0	98	54.8	95	56.6	107	58.8
LSD(.10)		6	0.8	6	0.6	9	0.5	5	0.4	5	0.6	5	0.5

* Yield is not significantly different than that of the highest yielding cultivar (0.10 level)

¹ 3-test sites included Arlington, Random Lake, and Waterloo. Fond du Lac was omitted due to an inadvertent fungicide application made during anthesis (Feekes 10.5.1)

² 4-test sites included Arlington, Chilton, Fond du Lac, and Waterloo

Table 4. 2024 Arlington Winter Wheat Performance Trial Results

Brand (Entrant)	Entry	2024 means								2023 means	
		Yield (bu/a)	Test wt. (lb/bu)	Height (in.)	Lodging (1-5)	FHB ¹		Stripe rust		Yield (bu/a)	Test wt. (lb/bu)
						I% ²	S% ³	I% ²	S% ³		
AgriMAXX	498	94	53.8	37	1.0	0	44	0	3	109	55.8
AgriMAXX	503	99	56.8	37	1.0	1	16	0	0	109	56.5
AgriMAXX	525	91	55.6	34	1.0	1	14	0	0	109	57.7
AgriMAXX	531	93	57.6	35	1.0	1	1	95	18	105	58.1
AgriMAXX	543	93	55.6	35	1.0	1	21	100	25	--	--
AgriMAXX	545	94	54.6	34	1.0	2	13	90	19	--	--
AgriMAXX	2314	88	53.9	36	1.0	1	7	3	3	--	--
AgriMAXX	2405	99	54.9	36	1.0	1	7	0	0	--	--
AgriPro	GP 015	96	56.4	35	1.0	2	31	0	0	--	--
AgriPro	GP 463	77	53.6	33	1.0	0	0	100	73	97	56.3
AgriPro	GP 543	100	54.7	38	1.0	11	60	0	0	--	--
AgriPro	SYViper	*103	57.9	39	1.0	19	58	2	2	111	57.8
CROPLAN	CP8007	*107	54.6	32	1.0	2	26	0	0	109	56.9
CROPLAN	CP8045	*101	55.8	36	1.0	2	6	0	1	106	57.8
CROPLAN	CP8224	94	55.1	34	1.0	3	5	4	3	108	58.3
Diener	D491W	87	55.3	34	1.0	4	36	100	33	*115	57.1
Diener	D506W	98	54.3	35	1.0	3	8	0	0	*113	57.5
Diener	DXW2023	100	53.9	38	1.0	4	5	1	3	104	56.7
Diener	DXW2320	97	55.6	34	1.0	1	3	0	0	--	--
Diener	DXW2324	93	55.6	33	1.0	2	19	0	4	--	--
Diener	DXW2325	*101	54.8	36	1.0	2	3	1	4	--	--
Dyna-Gro	9120	99	58.7	33	1.0	4	35	13	3	108	59.4
Dyna-Gro	9151	95	58.4	35	1.0	1	15	1	1	107	59.6
Dyna-Gro	9172	*102	56.0	35	1.0	6	11	10	10	109	57.6
Dyna-Gro	9182	99	56.5	37	1.0	0	0	1	1	107	56.8
Dyna-Gro	9422	84	53.9	34	1.0	2	9	100	21	--	--
Dyna-Gro	9533	80	52.1	30	1.0	0	0	100	29	--	--
Dyna-Gro	9542	98	54.6	37	1.0	1	4	3	3	--	--
Dyna-Gro	9553	*103	55.6	33	1.0	2	16	0	1	--	--
Dyna-Gro	9570	98	54.0	36	1.0	4	20	4	3	--	--
Dyna-Gro	9593	99	55.7	34	1.0	2	7	0	0	--	--
Dyna-Gro	9862	88	56.5	34	1.0	1	13	0	0	104	56.2
FS InSPIRE	FS 597	95	55.8	36	1.0	2	8	0	0	107	58.1
FS InSPIRE	FS 600	100	58.9	37	1.0	1	5	0	0	107	60.0
FS InSPIRE	FS 606	94	59.3	36	1.0	1	15	100	14	110	58.7
FS InSPIRE	FS 617	*101	56.5	34	1.0	2	11	0	0	108	58.0
FS InSPIRE	FS 624	100	56.8	37	1.0	9	51	0	0	109	57.8
FS InSPIRE	FS 745	*103	55.9	35	1.0	1	6	2	2	112	57.8
FS InSPIRE	FS WX24B	93	56.1	36	1.0	1	1	100	13	--	--

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* Yield is not significantly different than that of the highest yielding cultivar (0.10 level)

¹ Fusarium head blight

² % incidence

³ % severity

Table 4. 2024 Arlington Winter Wheat Performance Trial Results

Brand (Entrant)	Entry	2024 means								2023 means	
		Yield (bu/a)	Test wt. (lb/bu)	Height (in.)	Lodging (1-5)	FHB ¹		Stripe rust		Yield (bu/a)	Test wt. (lb/bu)
						I% ²	S% ³	I% ²	S% ³		
FS InSPIRE	FS WX24C	*102	56.6	35	1.0	1	3	58	8	--	--
Kennell Seed Farms	KS 1618	*102	56.9	36	1.0	14	50	0	0	--	--
Kennell Seed Farms	KS 2342	99	55.5	34	1.0	4	15	0	0	--	--
Kennell Seed Farms	KS 2413	93	55.7	32	1.0	2	28	68	10	--	--
KF Brand	KF 667	*103	57.3	35	1.0	11	41	6	3	110	58.0
KF Brand	KF 809	98	54.6	34	1.0	16	36	1	1	*114	57.2
KF Brand	KF 819	84	52.5	30	1.0	1	1	100	38	104	55.4
KF Brand	KF 831	99	55.7	32	1.0	2	34	88	13	--	--
KF Brand	KF 849	93	55.0	33	1.0	4	17	25	4	105	58.1
KF Brand	KF 883	*105	57.2	33	1.0	1	8	34	8	--	--
KF Brand	KF 898	95	56.9	34	1.0	1	1	69	6	105	58.3
KF Brand	EX KF 867	*101	56.8	35	1.0	1	1	38	5	--	--
KWS Cereals	KWS500	90	55.3	34	1.0	1	4	40	6	--	--
KWS Cereals	KWS501	91	54.0	35	1.0	7	14	3	4	--	--
KWS Cereals	KWS508	91	53.6	35	1.0	1	3	0	0	--	--
KWS Cereals	KWS525	96	55.5	34	1.0	1	6	33	9	--	--
KWS Cereals	KWS529	100	54.3	35	1.0	1	2	55	6	--	--
L-Brand (Ag Pro)	L-415	97	58.0	37	1.0	2	18	0	5	--	--
L-Brand (Ag Pro)	L-425	95	59.1	37	1.0	2	8	95	19	102	58.7
L-Brand (Ag Pro)	L-435	95	57.4	38	1.0	1	1	100	28	105	58.2
L-Brand (Ag Pro)	L-440	89	59.2	36	1.0	6	50	68	5	101	57.7
L-Brand (Ag Pro)	L-444	98	55.6	36	1.0	20	63	0	0	108	57.3
L-Brand (Ag Pro)	L-445	83	54.7	38	1.0	1	12	100	34	--	--
L-Brand (Ag Pro)	L-452	*101	55.5	37	1.0	3	38	40	13	108	57.9
L-Brand (Ag Pro)	L-475	82	56.2	36	1.0	3	27	100	65	--	--
L-Brand (Ag Pro)	L-500	85	53.9	38	1.0	21	41	100	23	--	--
L-Brand (Ag Pro)	L-Star	88	57.0	35	1.0	1	23	88	20	99	57.8
Legacy	LW 2021	99	57.0	36	1.0	1	10	0	0	*114	56.8
Legacy	LW 2023	96	55.7	34	1.0	2	7	2	3	107	57.9
Legacy	LW 2026	94	54.2	35	1.0	8	14	6	1	110	57.4
Legacy	LWS-P38	100	55.0	39	1.0	10	40	1	3	106	55.4
Legacy	LWXB 1010	94	53.9	35	1.0	1	1	94	28	--	--
Legacy	LWXB 1011	*104	55.9	35	1.0	1	4	0	0	--	--
Legacy	LWXB-305	97	53.8	36	1.0	3	13	0	0	109	56.6
Legacy	LWXS 1040	90	56.4	33	1.0	1	4	100	25	--	--
Legacy	LWXS 2012	69	52.7	34	1.0	1	1	100	78	--	--
Legacy	LWXS P410	93	56.0	33	1.0	1	5	0	0	--	--
Legacy	LWXS P49	97	57.4	37	1.0	3	38	100	50	--	--
OSIA	Starburst	96	58.7	32	1.0	1	19	0	0	98	59.1

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* Yield is not significantly different than that of the highest yielding cultivar (0.10 level)

¹ Fusarium head blight

² % incidence

³ % severity

Table 4. 2024 Arlington Winter Wheat Performance Trial Results

Brand (Entrant)	Entry	2024 means								2023 means	
		Yield (bu/a)	Test wt. (lb/bu)	Height (in.)	Lodging (1-5)	FHB ¹		Stripe rust		Yield (bu/a)	Test wt. (lb/bu)
						I% ²	S% ³	I% ²	S% ³		
Pioneer	25R29	*102	56.6	35	1.0	5	4	14	3	--	--
Pioneer	25R499	93	54.7	34	1.0	1	3	0	0	--	--
Pioneer	25R64	99	54.5	34	1.0	1	3	0	0	107	57.1
Pioneer	25R76	100	56.8	37	1.0	1	9	3	2	104	58.0
PiP	702	94	54.3	36	1.0	3	9	88	20	*114	56.6
PiP	707	98	55.4	34	1.0	2	25	0	0	--	--
PiP	708	*104	56.0	38	1.0	3	26	20	4	108	57.7
PiP	712	95	53.8	36	1.0	10	40	10	8	*114	55.6
PiP	716	*102	56.2	34	1.0	2	7	0	1	--	--
PiP	717	97	55.0	34	1.0	1	2	0	0	--	--
PiP	719	*103	56.1	32	1.0	1	7	0	0	--	--
PiP	722	83	57.3	33	1.0	1	5	100	55	--	--
PiP	775	88	54.4	36	1.0	6	6	100	33	112	57.9
PiP	781	*101	53.7	38	1.0	2	22	18	14	*119	55.8
PiP	782	88	54.0	35	1.0	6	9	98	21	--	--
PiP	786	84	55.3	34	1.0	1	14	100	75	--	--
PiP	787	99	57.4	34	1.0	6	20	4	5	--	--
PiP	788	*101	55.1	36	1.0	4	21	0	0	--	--
PiP	789	93	55.1	34	1.0	1	7	2	2	--	--
PiP	790	96	55.7	34	1.0	3	3	8	1	110	57.9
PiP	791	*101	58.8	35	1.0	5	34	0	0	107	59.5
PiP	793	*102	54.8	36	1.0	1	3	0	0	--	--
PiP	794	97	55.7	34	1.0	1	2	85	34	--	--
PiP	795	100	55.5	35	1.0	1	3	0	0	--	--
PiP	796	75	53.7	37	1.0	14	45	100	58	*114	57.8
PiP	799	98	53.8	35	1.0	4	18	3	3	*114	57.1
Pro Seed Genetics	PRO 410	98	57.0	37	1.0	10	49	1	2	110	58.5
Pro Seed Genetics	PRO 490A	100	55.1	36	1.0	6	30	0	1	108	57.8
Public	Sunburst	89	59.0	34	1.0	2	20	47	9	97	58.3
Van Treeck's	L 024	95	55.2	34	1.0	2	23	3	3	108	58.0
Van Treeck's	L-031	98	55.7	33	1.0	2	33	100	18	--	--
Van Treeck's	Sittin' Pretty	90	53.6	34	1.0	18	40	4	3	*118	56.8
Viking	801	100	57.7	37	1.0	4	9	8	1	109	58.2
Mean		95	55.7	35	1.0	4	17	32	11	100	55.9
LSD(.10)		6	0.6	2	--	4	12	16	8	6	0.6

*Yield is not significantly different than that of the highest yielding cultivar (0.10 level)

¹ Fusarium head blight

² % incidence

³ % severity

Table 5. 2024 Fond du Lac Winter Wheat Performance Trial Results

		2024 means				2023 means	
		Yield (bu/a)	Test wt. (lb/bu)	Height (in.)	Lodging (1-5)	Yield (bu/a)	Test wt. (lb/bu)
AgriMAXX	498	76	56.4	34	1.0	*119	57.3
AgriMAXX	503	79	57.5	33	1.0	113	59.4
AgriMAXX	525	75	57.4	31	1.0	112	59.6
AgriMAXX	531	76	57.8	33	1.0	97	59.6
AgriMAXX	543	*87	56.8	32	1.0	--	--
AgriMAXX	545	*89	55.1	32	1.0	--	--
AgriMAXX	2314	77	55.2	34	1.0	--	--
AgriMAXX	2405	82	56.8	32	1.0	--	--
AgriPro	GP 015	*87	56.8	31	1.0	--	--
AgriPro	GP 463	74	56.8	29	1.0	105	58.9
AgriPro	GP 543	*87	55.7	34	1.0	--	--
AgriPro	SY Viper	75	59.0	36	1.0	110	60.3
CROPLAN	CP8007	*88	55.6	28	1.0	*120	59.2
CROPLAN	CP8045	77	56.3	31	1.0	112	59.9
CROPLAN	CP8224	81	58.2	30	1.0	117	60.4
Diener	D491W	75	56.8	31	1.0	*123	59.5
Diener	D506W	80	56.2	32	1.0	*125	60.0
Diener	DXW2023	79	55.8	32	1.0	*125	57.6
Diener	DXW2320	79	55.5	31	1.0	--	--
Diener	DXW2324	80	56.9	30	1.0	--	--
Diener	DXW2325	*95	56.0	34	1.0	--	--
Dyna-Gro	9120	73	59.1	31	1.0	108	60.9
Dyna-Gro	9151	71	58.8	32	1.0	113	62.0
Dyna-Gro	9172	78	56.6	32	1.0	115	59.5
Dyna-Gro	9182	75	57.4	33	1.0	*122	59.6
Dyna-Gro	9422	84	56.6	33	1.0	--	--
Dyna-Gro	9533	82	56.0	29	1.0	--	--
Dyna-Gro	9542	*89	56.2	32	1.0	--	--
Dyna-Gro	9553	81	57.0	30	1.0	--	--
Dyna-Gro	9570	76	55.4	32	1.0	--	--
Dyna-Gro	9593	*89	56.0	32	1.0	--	--
Dyna-Gro	9862	73	56.7	31	1.0	115	59.3
FS InSPIRE	FS 597	83	56.8	35	1.0	114	59.8
FS InSPIRE	FS 600	80	59.1	31	1.0	114	62.4
FS InSPIRE	FS 606	76	59.2	31	1.0	115	61.5
FS InSPIRE	FS 617	80	57.2	31	1.0	110	60.3
FS InSPIRE	FS 624	80	57.7	34	1.0	*122	60.7
FS InSPIRE	FS 745	80	56.4	31	1.0	*119	59.9

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* Yield is not significantly different than that of the highest yielding cultivar (0.10 level)
Fond du Lac was omitted from the combined location analysis due to an inadvertent fungicide application made during anthesis (Feekes 10.5.1)

Table 5. 2024 Fond du Lac Winter Wheat Performance Trial Results

Brand (Entrant)	Entry	2024 means				2023 means	
		Yield (bu/a)	Test wt. (lb/bu)	Height (in.)	Lodging (1-5)	Yield (bu/a)	Test wt. (lb/bu)
FS InSPIRE	FS WX24B	78	57.3	33	1.0	--	--
FS InSPIRE	FS WX24C	*90	57.1	32	1.0	--	--
Kennell Seed Farms	KS 1618	77	58.1	33	1.0	--	--
Kennell Seed Farms	KS 2342	83	58.1	31	1.0	--	--
Kennell Seed Farms	KS 2413	79	57.2	30	1.0	--	--
KF Brand	KF 667	79	58.3	31	1.0	109	59.4
KF Brand	KF 809	74	56.6	31	1.0	*124	59.1
KF Brand	KF 819	*87	55.9	29	1.0	111	57.3
KF Brand	KF 831	85	56.9	31	1.0	--	--
KF Brand	KF 849	86	57.8	30	1.0	113	60.1
KF Brand	KF 883	80	56.9	31	1.0	--	--
KF Brand	KF 898	80	57.5	32	1.0	111	59.8
KF Brand	EX KF 867	82	57.5	31	1.0	--	--
KWS Cereals	KWS500	84	56.8	32	1.0	--	--
KWS Cereals	KWS501	80	56.6	32	1.0	--	--
KWS Cereals	KWS508	79	55.8	31	1.0	--	--
KWS Cereals	KWS525	83	57.6	30	1.0	--	--
KWS Cereals	KWS529	82	55.8	32	1.0	--	--
L-Brand (Ag Pro)	L-415	78	58.8	34	1.0	--	--
L-Brand (Ag Pro)	L-425	76	59.1	33	1.0	106	61.0
L-Brand (Ag Pro)	L-435	71	58.3	33	1.0	105	60.5
L-Brand (Ag Pro)	L-440	65	59.2	35	1.0	109	60.0
L-Brand (Ag Pro)	L-444	83	57.6	32	1.0	*127	59.9
L-Brand (Ag Pro)	L-445	72	57.6	35	1.0	--	--
L-Brand (Ag Pro)	L-452	72	56.5	33	1.0	*120	59.0
L-Brand (Ag Pro)	L-475	70	56.9	32	1.0	--	--
L-Brand (Ag Pro)	L-500	78	57.0	35	1.0	--	--
L-Brand (Ag Pro)	L-Star	63	58.0	33	1.0	100	59.5
Legacy	LW 2021	84	57.3	35	1.0	110	59.0
Legacy	LW 2023	81	56.6	31	1.0	113	59.7
Legacy	LW 2026	79	56.0	32	1.0	116	59.1
Legacy	LWS-P38	*87	55.9	35	1.0	118	56.4
Legacy	LWXB 1010	*96	55.1	33	1.0	--	--
Legacy	LWXB 1011	82	55.6	32	1.0	--	--
Legacy	LWXB-305	85	56.0	33	1.0	*122	58.2
Legacy	LWXS 1040	81	57.5	30	1.0	--	--
Legacy	LWXS 2012	76	56.5	32	1.0	--	--
Legacy	LWXSP410	81	57.4	30	1.0	--	--
Legacy	LWXSP49	*89	56.3	36	1.0	--	--

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* Yield is not significantly different than that of the highest yielding cultivar (0.10 level)
 Fond du Lac was omitted from the combined location analysis due to an inadvertent fungicide application made during anthesis (Feekes 10.5.1)

Table 5. 2024 Fond du Lac Winter Wheat Performance Trial Results

Brand (Entrant)	Entry	2024 means				2023 means	
		Yield (bu/a)	Test wt. (lb/bu)	Height (in.)	Lodging (1-5)	Yield (bu/a)	Test wt. (lb/bu)
OSIA	Starburst	74	58.7	28	1.0	109	60.9
Pioneer	25R29	77	56.7	32	1.0	--	--
Pioneer	25R499	76	56.4	32	1.0	--	--
Pioneer	25R64	81	54.9	31	1.0	118	58.7
Pioneer	25R76	76	57.0	32	1.0	118	59.4
PiP	702	82	55.4	33	1.0	*121	58.6
PiP	707	80	58.0	31	1.0	--	--
PiP	708	83	56.2	34	1.0	118	59.3
PiP	712	79	56.7	34	1.0	*122	58.4
PiP	716	83	56.6	30	1.0	--	--
PiP	717	*87	55.8	31	1.0	--	--
PiP	719	77	56.1	29	1.0	--	--
PiP	722	59	58.4	31	1.0	--	--
PiP	775	86	56.7	32	1.0	111	59.8
PiP	781	*87	55.8	34	1.0	*126	57.9
PiP	782	79	56.8	33	1.0	--	--
PiP	786	82	57.4	32	1.0	--	--
PiP	787	*88	57.7	32	1.0	--	--
PiP	788	82	55.7	32	1.0	--	--
PiP	789	81	57.0	31	1.0	--	--
PiP	790	80	56.6	31	1.0	113	59.9
PiP	791	77	59.2	31	1.0	110	61.1
PiP	793	*91	56.3	33	1.0	--	--
PiP	794	*92	57.0	31	1.0	--	--
PiP	795	*87	55.8	33	1.0	--	--
PiP	796	78	58.4	36	1.0	*123	59.4
PiP	799	79	55.9	32	1.0	*123	58.1
Pro Seed Genetics	PRO 410	82	57.5	35	1.0	113	60.6
Pro Seed Genetics	PRO 490A	83	56.6	32	1.0	114	59.7
Public	Sunburst	79	58.8	31	1.0	102	60.5
Van Treeck's	L 024	85	58.3	30	1.0	111	60.0
Van Treeck's	L-031	85	56.7	30	1.0	--	--
Van Treeck's	Sittin' Pretty	80	56.3	32	1.0	118	59.3
Viking	801	78	58.1	35	1.0	114	60.7
	Mean	80	57.0	32	1.0	110	59.6
	LSD(.10)	9	0.5	1	--	8	0.7

* Yield is not significantly different than that of the highest yielding cultivar (0.10 level)

Fond du Lac was omitted from the combined location analysis due to an inadvertent fungicide application made during anthesis (Feekes 10.5.1)

Table 6. 2024 Random Lake Winter Wheat Performance Trial Results

Brand (Entrant)	Entry	2024 means						2023 means ¹	
		Yield (bu/a)	Test wt. (lb/bu)	Height (in.)	Lodging (1-5)	Stripe rust		Yield (bu/a)	Test wt. (lb/bu)
						I% ²	S% ³		
AgriMAXX	498	96	53.9	38	1.0	0	0	106	58.8
AgriMAXX	503	95	55.6	39	1.0	0	0	103	59.9
AgriMAXX	525	*106	55.5	36	1.0	0	0	109	60.4
AgriMAXX	531	99	56.4	37	1.0	93	13	104	61.4
AgriMAXX	543	*103	55.1	37	1.0	45	8	--	--
AgriMAXX	545	*105	53.6	38	1.0	55	9	--	--
AgriMAXX	2314	84	52.9	37	1.0	0	0	--	--
AgriMAXX	2405	102	54.4	37	1.0	0	0	--	--
AgriPro	GP 015	97	55.2	35	1.0	0	0	--	--
AgriPro	GP 463	97	54.0	35	1.0	100	21	105	59.3
AgriPro	GP 543	102	53.7	39	1.0	3	3	--	--
AgriPro	SY Viper	96	56.3	39	1.0	0	0	*111	61.6
CROPLAN	CP8007	*105	53.9	33	1.0	5	6	*114	59.4
CROPLAN	CP8045	99	54.2	35	1.0	3	1	104	60.5
CROPLAN	CP8224	91	55.4	34	1.0	3	1	*111	61.6
Diener	D491W	98	53.9	35	1.0	95	23	107	59.3
Diener	D506W	97	53.7	35	1.0	0	0	109	60.1
Diener	DXW2023	100	52.9	37	1.0	3	1	109	59.5
Diener	DXW2320	101	54.8	36	1.0	0	0	--	--
Diener	DXW2324	100	55.4	34	1.0	0	0	--	--
Diener	DXW2325	97	53.9	37	1.0	0	0	--	--
Dyna-Gro	9120	96	57.4	34	1.0	0	0	108	61.9
Dyna-Gro	9151	96	56.2	37	1.0	0	0	*112	62.3
Dyna-Gro	9172	101	54.4	34	1.0	3	1	107	60.2
Dyna-Gro	9182	94	55.5	38	1.0	0	0	105	60.1
Dyna-Gro	9422	98	53.9	36	1.0	73	18	--	--
Dyna-Gro	9533	96	53.6	33	1.0	39	10	--	--
Dyna-Gro	9542	*103	54.2	37	1.0	0	0	--	--
Dyna-Gro	9553	101	55.5	34	1.0	0	0	--	--
Dyna-Gro	9570	99	53.0	37	1.0	1	1	--	--
Dyna-Gro	9593	101	54.6	36	1.0	3	1	--	--
Dyna-Gro	9862	92	55.9	35	1.0	0	0	104	59.7
FS InSPIRE	FS 597	100	55.5	38	1.0	0	0	107	60.9
FS InSPIRE	FS 600	93	56.2	36	1.0	0	0	103	62.3
FS InSPIRE	FS 606	101	57.4	38	1.0	48	7	*114	62.2
FS InSPIRE	FS 617	96	55.0	35	1.0	0	0	109	60.5
FS InSPIRE	FS 624	102	56.3	38	1.0	0	0	106	61.6
FS InSPIRE	FS 745	98	54.2	34	1.0	5	9	*113	60.5
FS InSPIRE	FS WX24B	97	54.9	36	1.0	38	4	--	--

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* Yield is not significantly different than that of the highest yielding cultivar (0.10 level)

¹ 2023 means are from the Chilton location

² % incidence

³ % severity

Table 6. 2024 Random Lake Winter Wheat Performance Trial Results

		2024 means						2023 means ¹	
		Yield (bu/a)	Test wt. (lb/bu)	Height (in.)	Lodging (1-5)	Stripe rust		Yield (bu/a)	Test wt. (lb/bu)
Brand (Entrant)	Entry					I% ²	S% ³		
FS InSPIRE	FS WX24C	*104	55.1	35	1.0	4	4	--	--
Kennell Seed Farms	KS 1618	102	55.5	37	1.0	0	0	--	--
Kennell Seed Farms	KS 2342	97	54.8	35	1.0	3	3	--	--
Kennell Seed Farms	KS 2413	97	55.0	35	1.0	4	3	--	--
KF Brand	KF 667	*103	56.4	36	1.0	0	0	*118	61.4
KF Brand	KF 809	102	54.1	36	1.0	0	0	*119	61.1
KF Brand	KF 819	93	53.5	33	1.0	58	12	*115	58.5
KF Brand	KF 831	99	55.1	33	1.0	4	4	--	--
KF Brand	KF 849	94	54.3	35	1.0	6	5	*112	61.9
KF Brand	KF 883	*104	55.1	34	1.0	10	6	--	--
KF Brand	KF 898	102	56.2	36	1.0	6	3	98	59.8
KF Brand	EX KF 867	*105	56.0	36	1.0	8	4	--	--
KWS Cereals	KWS500	92	54.5	34	1.0	1	1	--	--
KWS Cereals	KWS501	100	54.6	36	1.0	0	0	--	--
KWS Cereals	KWS508	96	54.1	36	1.0	0	0	--	--
KWS Cereals	KWS525	94	54.9	34	1.0	11	5	--	--
KWS Cereals	KWS529	*104	53.2	37	1.0	1	1	--	--
L-Brand (Ag Pro)	L-415	95	56.2	37	1.0	3	1	--	--
L-Brand (Ag Pro)	L-425	102	57.5	40	1.0	70	9	108	61.9
L-Brand (Ag Pro)	L-435	92	56.0	37	1.0	79	6	106	61.4
L-Brand (Ag Pro)	L-440	89	57.4	37	1.0	35	4	97	61.3
L-Brand (Ag Pro)	L-444	100	54.7	36	1.0	3	3	*113	60.8
L-Brand (Ag Pro)	L-445	91	54.9	40	1.0	93	13	--	--
L-Brand (Ag Pro)	L-452	94	54.4	38	1.0	3	1	110	60.0
L-Brand (Ag Pro)	L-475	90	55.2	36	1.0	100	33	--	--
L-Brand (Ag Pro)	L-500	93	54.2	39	1.0	53	8	--	--
L-Brand (Ag Pro)	L-Star	85	56.0	35	1.0	60	11	101	61.2
Legacy	LW 2021	97	55.6	38	1.0	13	1	108	60.0
Legacy	LW 2023	99	54.1	35	1.0	11	4	107	60.4
Legacy	LW 2026	95	53.2	36	1.0	0	0	110	59.7
Legacy	LWS-P38	100	53.5	40	1.0	0	0	110	57.7
Legacy	LWXB 1010	*104	53.5	36	1.0	48	14	--	--
Legacy	LWXB 1011	98	54.5	35	1.0	3	1	--	--
Legacy	LWXB-305	100	53.1	37	1.0	5	1	103	58.8
Legacy	LWXS 1040	96	55.9	35	1.0	49	8	--	--
Legacy	LWXS 2012	91	54.0	35	1.0	100	55	--	--
Legacy	LWXSP410	99	55.0	35	1.0	0	0	--	--
Legacy	LWXSP49	98	54.9	39	1.0	73	14	--	--
OSIA	Starburst	97	58.1	33	1.0	1	1	106	61.8

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* Yield is not significantly different than that of the highest yielding cultivar (0.10 level)

¹2023 means are from the Chilton location

² % incidence

³ % severity

Table 6. 2024 Random Lake Winter Wheat Performance Trial Results

Brand (Entrant)	Entry	2024 means						2023 means ¹	
		Yield (bu/a)	Test wt. (lb/bu)	Height (in.)	Lodging (1-5)	Stripe rust		Yield (bu/a)	Test wt. (lb/bu)
						I% ²	S% ³		
Pioneer	25R29	101	55.4	36	1.0	0	0	--	--
Pioneer	25R499	98	54.1	35	1.0	0	0	--	--
Pioneer	25R64	*106	53.8	37	1.0	8	5	105	59.5
Pioneer	25R76	100	55.2	36	1.0	16	9	108	60.5
PiP	702	94	52.0	37	1.0	9	4	104	59.2
PiP	707	89	54.9	35	1.0	1	1	--	--
PiP	708	95	54.7	39	1.0	10	4	109	60.0
PiP	712	97	53.7	38	1.0	0	0	*111	59.0
PiP	716	*108	55.6	35	1.0	3	1	--	--
PiP	717	*104	54.2	35	1.0	0	0	--	--
PiP	719	99	53.8	34	1.0	0	0	--	--
PiP	722	92	56.9	34	1.0	53	11	--	--
PiP	775	96	53.7	36	1.0	48	12	110	60.7
PiP	781	102	52.9	38	1.0	5	3	*118	58.3
PiP	782	97	53.6	36	1.0	38	10	--	--
PiP	786	92	54.0	34	1.0	100	30	--	--
PiP	787	101	55.6	35	1.0	0	0	--	--
PiP	788	*103	54.7	36	1.0	0	3	--	--
PiP	789	*105	55.5	35	1.0	0	0	--	--
PiP	790	94	54.3	34	1.0	8	5	106	60.5
PiP	791	98	56.9	34	1.0	10	4	103	61.9
PiP	793	*103	54.3	37	1.0	0	0	--	--
PiP	794	*107	55.4	36	1.0	31	18	--	--
PiP	795	99	54.7	36	1.0	0	0	--	--
PiP	796	85	55.5	38	1.0	93	26	109	59.8
PiP	799	101	52.8	37	1.0	1	1	*115	59.3
Pro Seed Genetics	PRO 410	99	55.9	37	1.0	1	1	105	61.1
Pro Seed Genetics	PRO 490A	98	53.8	37	1.0	0	0	109	60.2
Public	Sunburst	94	57.7	36	1.0	14	5	108	62.2
Van Treeck's	L 024	93	54.7	35	1.0	10	3	108	61.9
Van Treeck's	L-031	97	54.9	34	1.0	33	9	--	--
Van Treeck's	Sittin' Pretty	94	53.3	35	1.0	0	0	*113	61.0
Viking	801	93	55.7	36	1.0	0	0	107	60.9
Mean		98	54.8	36	1.0	18	5	115	59.7
LSD(.10)		5	0.4	1	--	17	5	8	0.6

* Yield is not significantly different than that of the highest yielding cultivar (0.10 level)

¹2023 means are from the Chilton location

² % incidence

³ % severity

Table 7. 2024 Waterloo Winter Wheat Performance Trial Results

Brand (Entrant)	Entry	2024 means						2023 means	
		Yield (bu/a)	Test wt. (lb/bu)	Height (in.)	Lodging (1-5)	FHB ¹		Yield (bu/a)	Test wt. (lb/bu)
						I% ²	S% ³		
AgriMAXX	498	93	56.2	37	1.0	8	48	91	55.6
AgriMAXX	503	91	56.8	37	1.0	1	21	86	55.9
AgriMAXX	525	*104	57.5	35	1.0	1	32	91	56.9
AgriMAXX	531	90	58.3	37	1.0	1	1	87	57.7
AgriMAXX	543	96	55.9	36	1.0	1	9	--	--
AgriMAXX	545	102	55.3	35	1.0	1	10	--	--
AgriMAXX	2314	93	55.4	36	1.0	4	29	--	--
AgriMAXX	2405	*104	56.5	36	1.0	1	1	--	--
AgriPro	GP 015	88	56.2	35	1.0	2	35	--	--
AgriPro	GP 463	84	56.3	32	1.0	1	1	89	56.6
AgriPro	GP 543	101	55.8	38	1.0	14	58	--	--
AgriPro	SY Viper	98	58.9	40	1.0	11	45	93	57.8
CROPLAN	CP8007	96	56.6	33	1.0	6	38	*105	56.4
CROPLAN	CP8045	96	56.0	35	1.0	2	24	88	57.1
CROPLAN	CP8224	102	57.4	36	1.0	3	36	97	57.2
Diener	D491W	99	56.1	36	1.0	3	40	*98	56.8
Diener	D506W	100	55.9	35	1.0	3	25	94	56.4
Diener	DXW2023	98	55.2	36	1.0	1	1	*98	56.6
Diener	DXW2320	91	56.1	34	1.0	1	26	--	--
Diener	DXW2324	102	56.7	34	1.0	3	38	--	--
Diener	DXW2325	*103	56.3	36	1.0	1	3	--	--
Dyna-Gro	9120	98	58.6	34	1.0	2	26	91	59.2
Dyna-Gro	9151	97	59.1	35	1.0	1	12	90	58.3
Dyna-Gro	9172	96	56.1	35	1.0	1	1	93	56.8
Dyna-Gro	9182	88	56.9	38	1.0	2	11	87	56.1
Dyna-Gro	9422	100	56.8	36	1.0	1	28	--	--
Dyna-Gro	9533	84	54.4	33	1.0	1	1	--	--
Dyna-Gro	9542	*108	56.3	36	1.0	2	13	--	--
Dyna-Gro	9553	92	56.3	35	1.0	1	1	--	--
Dyna-Gro	9570	*104	55.4	36	1.0	1	22	--	--
Dyna-Gro	9593	102	56.9	36	1.0	1	28	--	--
Dyna-Gro	9862	87	56.6	34	1.0	2	25	94	56.5
FS InSPIRE	FS 597	97	57.1	37	1.0	3	23	91	57.5
FS InSPIRE	FS 600	98	59.2	36	1.0	3	20	92	58.6
FS InSPIRE	FS 606	90	59.4	38	1.0	4	30	86	58.1
FS InSPIRE	FS 617	96	57.0	34	1.0	2	20	*98	57.3
FS InSPIRE	FS 624	89	57.3	38	1.0	19	55	*98	56.9
FS InSPIRE	FS 745	100	56.1	34	1.0	1	14	95	56.9
FS InSPIRE	FS WX24B	94	55.3	35	1.0	2	28	--	--

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* Yield is not significantly different than that of the highest yielding cultivar (0.10 level)

¹ Fusarium head blight

² % incidence

³ % severity

Table 7. 2024 Waterloo Winter Wheat Performance Trial Results

Brand (Entrant)	Entry	2024 means						2023 means	
		Yield (bu/a)	Test wt. (lb/bu)	Height (in.)	Lodging (1-5)	FHB ¹		Yield (bu/a)	Test wt. (lb/bu)
						I% ²	S% ³		
FS InSPIRE	FS WX24C	94	57.6	35	1.0	1	28	--	--
Kennell Seed Farms	KS 1618	100	58.2	37	1.0	14	48	--	--
Kennell Seed Farms	KS 2342	96	57.4	35	1.0	2	19	--	--
Kennell Seed Farms	KS 2413	101	56.0	34	1.0	4	36	--	--
KF Brand	KF 667	96	58.0	37	1.0	9	31	97	58.4
KF Brand	KF 809	93	57.0	35	1.0	8	38	*100	57.1
KF Brand	KF 819	91	54.7	34	1.0	1	1	*99	55.5
KF Brand	KF 831	101	56.2	34	1.0	6	38	--	--
KF Brand	KF 849	*105	57.6	35	1.0	5	34	96	56.6
KF Brand	KF 883	95	57.6	34	1.0	1	1	--	--
KF Brand	KF 898	97	57.1	35	1.0	1	19	*99	57.4
KF Brand	EX KF 867	92	56.3	35	1.0	1	10	--	--
KWS Cereals	KWS500	97	56.4	35	1.0	1	20	--	--
KWS Cereals	KWS501	95	56.9	36	1.0	2	21	--	--
KWS Cereals	KWS508	89	55.7	36	1.0	1	10	--	--
KWS Cereals	KWS525	102	57.1	35	1.0	1	1	--	--
KWS Cereals	KWS529	96	55.4	36	1.0	1	16	--	--
L-Brand (Ag Pro)	L-415	95	58.8	38	1.0	2	16	--	--
L-Brand (Ag Pro)	L-425	85	58.9	38	1.0	2	19	91	58.3
L-Brand (Ag Pro)	L-435	89	58.5	37	1.0	0	0	84	57.6
L-Brand (Ag Pro)	L-440	84	59.0	37	1.0	0	0	74	58.0
L-Brand (Ag Pro)	L-444	95	58.0	37	1.0	18	38	93	57.9
L-Brand (Ag Pro)	L-445	88	56.0	38	1.0	2	24	--	--
L-Brand (Ag Pro)	L-452	98	55.7	38	1.0	5	38	*99	56.6
L-Brand (Ag Pro)	L-475	83	56.9	36	1.0	1	32	--	--
L-Brand (Ag Pro)	L-500	91	55.7	38	1.0	15	50	--	--
L-Brand (Ag Pro)	L-Star	81	56.5	34	1.0	0	0	81	58.1
Legacy	LW 2021	88	56.5	36	1.0	1	1	92	56.6
Legacy	LW 2023	95	55.9	35	1.0	1	10	89	56.8
Legacy	LW 2026	99	55.8	36	1.0	1	35	*100	56.6
Legacy	LWS-P38	100	55.7	38	1.0	13	40	*102	55.9
Legacy	LWXB 1010	98	55.1	35	1.0	1	18	--	--
Legacy	LWXB 1011	93	56.7	34	1.0	1	10	--	--
Legacy	LWXB-305	94	54.9	34	1.0	1	17	*103	56.6
Legacy	LWXS 1040	87	57.5	34	1.0	1	13	--	--
Legacy	LWXS 2012	85	54.2	35	1.0	0	0	--	--
Legacy	LWXSP410	91	56.5	34	1.0	1	33	--	--
Legacy	LWXSP49	92	56.1	38	1.0	9	43	--	--
OSIA	Starburst	82	57.2	33	1.0	4	34	84	57.0

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¹ Fusarium head blight

² % incidence

³ % severity

Table 7. 2024 Waterloo Winter Wheat Performance Trial Results

Brand (Entrant)	Entry	2024 means						2023 means	
		Yield (bu/a)	Test wt. (lb/bu)	Height (in.)	Lodging (1-5)	FHB ¹		Yield (bu/a)	Test wt. (lb/bu)
						I% ²	S% ³		
Pioneer	25R29	91	56.3	37	1.0	2	22	--	--
Pioneer	25R499	94	55.0	35	1.0	1	38	--	--
Pioneer	25R64	102	55.8	36	1.0	1	7	*100	55.6
Pioneer	25R76	95	56.6	35	1.0	2	22	92	56.2
PiP	702	99	55.3	37	1.0	1	27	*101	56.2
PiP	707	96	56.9	35	1.0	3	30	--	--
PiP	708	102	56.0	38	1.0	7	26	*98	56.4
PiP	712	92	56.3	38	1.0	6	46	*101	56.4
PiP	716	102	57.2	35	1.0	1	9	--	--
PiP	717	89	56.0	34	1.0	1	45	--	--
PiP	719	98	55.8	32	1.0	0	0	--	--
PiP	722	84	57.2	34	1.0	0	0	--	--
PiP	775	99	56.7	36	1.0	1	7	*99	56.4
PiP	781	*107	55.5	37	1.0	1	7	*107	56.3
PiP	782	101	56.4	36	1.0	2	28	--	--
PiP	786	98	56.1	36	1.0	1	11	--	--
PiP	787	94	57.6	34	1.0	4	25	--	--
PiP	788	87	55.3	35	1.0	1	19	--	--
PiP	789	98	56.6	35	1.0	2	40	--	--
PiP	790	97	55.7	35	1.0	3	19	*101	57.2
PiP	791	97	58.5	34	1.0	2	18	97	59.4
PiP	793	*106	56.2	35	1.0	1	7	--	--
PiP	794	87	57.3	35	1.0	1	9	--	--
PiP	795	94	56.7	34	1.0	1	18	--	--
PiP	796	78	56.7	38	1.0	16	41	*98	56.5
PiP	799	101	55.1	36	1.0	1	15	*100	56.6
Pro Seed Genetics	PRO 410	87	56.9	37	1.0	14	58	*99	56.8
Pro Seed Genetics	PRO 490A	94	56.5	35	1.0	2	22	95	57.2
Public	Sunburst	82	58.5	34	1.0	3	36	82	56.1
Van Treeck's	L 024	96	56.9	35	1.0	4	34	90	56.7
Van Treeck's	L-031	102	56.1	35	1.0	7	39	--	--
Van Treeck's	Sittin' Pretty	94	56.7	34	1.0	11	38	96	57.5
Viking	801	100	57.7	37	1.0	1	16	90	58.1
Mean		95	56.6	36	1.0	3	22	102	58.5
LSD(.10)		5	0.6	1	--	3	20	9	0.6

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¹ Fusarium head blight

² % incidence

³ % severity

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Wisconsin Winter Wheat Performance Trials (A3868)