

THE 2025 OHIO WHEAT PERFORMANCE TEST

M.W. Hankinson, J. McCormick, A.B. Geyer, C.H. Sneller, L.E. Lindsey, *Dept. of Horticulture and Crop Science*
P. Paul, *Dept. of Plant Pathology*
B.-K. Baik, *USDA-ARS Soft Wheat Quality Laboratory*

The purpose of the 2025 Ohio Wheat Performance Test is to evaluate wheat varieties, blends, brands, and breeding lines for yield, grain quality, and other important performance characteristics. This information gives wheat producers comparative information for selecting the varieties best suited for their production system and market. Varieties differ in yield potential, winter hardiness, maturity, standability, disease and insect resistance, and other agronomic characteristics. Selection should be based on performance from multiple test sites and years.

EVALUATION PROCEDURES

Each entry was evaluated at five test sites using four replications per site in a randomized complete block design. Plots consisted of seven rows, 7.5 inches apart and 25 ft long. Participating companies specified the seeding rate used for each of their varieties. Test sites were planted within 17 days of the fly-free date. Approximately 30 lb N/acre was applied at planting with 80-100 lb N/acre in early spring. Herbicides, insecticides, and fungicides were applied as needed. Soybean was the previous crop and fields were minimally-tilled at all locations. The following data were collected:



Yield is reported in bushels/acre at 13.5% moisture.

Test Weight is reported in lb/bushel averaged across all locations.

Seed Size is thousands of harvested seed/pound (Ex. 15.5=15,500 seeds/lb) from the Wood County location.

Lodging is the percent of plants that lean more than 45° from vertical.

Plant Height is the distance in inches from the soil surface to top of heads measured at the Clark County location.

Heading Date was the average calendar day of the year on which 50% of the heads were completely emerged at the Clark County location (Ex: Day 135 = May 15).

Stagonospora Leaf and Glume Blight Varieties were evaluated for Stagonospora leaf and glume blotch in an inoculated, mist-irrigated disease screening nursery in Wooster. Both SLB and SGB severity were rated at approximately Feekes growth stage 11.3 as the average percent flag leaf and spike area diseased, respectively.

Powdery Mildew Varieties were evaluated for powdery mildew in Wooster at Feekes growth stage 10.5 (heading). Varieties were classified as susceptible, moderately susceptible, moderately resistant, and resistant.

Fusarium Head Blight (FHB) Varieties were evaluated in an inoculated disease screening nursery in Wooster. FHB was rated as the percentage of spikelets showing disease symptoms. Varieties were classified as susceptible, moderately susceptible, moderately resistant, and resistant.

Flour Yield is the percent flour yield from milled whole grain.

Flour Softness is the percent of fine-granular milled flour. Values higher than approximately 50 indicate kernel textures that are appropriate for soft wheat. Generally, high values are more desirable.

GROWING CONDITIONS

In fall 2024, wheat was planted at three out of five locations within 17 days of the fly-free date. Wet fall weather prevented earlier planting. Fall growth was adequate given later planting dates, and wheat entered dormancy in good condition. Cool temperatures and adequate subsoil moisture led to a long grain fill period. Wet conditions in May and June resulted in higher disease pressure and lower test weights compared to previous years, and also delayed harvest. Grain yield averaged between 75.8 and 101.2 bu/acre among the five locations.

CULTURAL PRACTICES BY TEST SITE

	Wood	Union	Wayne	Clark	Pickaway
Previous crop	Soybean	Soybean	Soybean	Soybean	Soybean
Soil Texture	Clay	Clay Loam	Silt loam	Clay Loam	Loam
Soil Series	Hoytville	Blount	Canfield	Crosby	Miamian
Fly-Free Date	Sept. 23	Sept. 28	Sept. 26	Sept. 29	Oct. 1
Plant Date	Oct. 10	Oct. 8	Oct. 11	Oct. 9	Oct. 7
Soil pH	6.4	5.4	5.8	6.9	6.2
Soil P–Mehlich (ppm)	32	11	49	39	85
Soil K (ppm)	189	66	278	116	212
Fertilizer (NPK)	123-54-72	149-46-45-12S	119-58-75-14S	126-63-77-21S	124-56-54-14S
Herbicides	Huskie	None	Sharpen, Roundup (pre-plant)	Harmony Extra, Axial Star	Quelex
Fungicide	Prosaro	Sphaerex	Miravis Ace	None	Sphaerex
Insecticide	None	None	None	None	Tombstone
Harvest Date	July 6	July 4	July 7	July 3	July 5

RESULTS

Results of the 2025 wheat performance test are presented in Tables 1-3. Entries in the data tables are arranged by seed source. A least significant difference (LSD) value can be used to determine if the performance of two varieties was statistically different. The yields of two varieties are expected to be significantly different 90 percent of the time if their yields differ by more than the reported LSD value. Flour yield and softness tests were performed by USDA-ARS Soft Wheat Quality Laboratory, at OARDC in Wooster, OH, Dr. Byung-Kee Baik, Director. A new mill was used in 2025. On average, flour yield and softness equivalence have increased 2.1% and 4.2%, respectively, over previous years.

Test results for the 76 winter wheat varieties evaluated in 2025 are presented in Table 1. Tables 2 and 3 contain multi-year variety performance data. Depending on variety and test site, yields varied between 42.7 and 116.6 bu/acre and test weight ranged from 53.8 to 58.1 lb/bu. Yield differences among test sites were due primarily to the soil drainage, weather during the grain fill period and harvest, and disease level. Variety selection should be based on disease resistance, average yield across test sites and years (Tables 2 & 3), winter hardiness, test weight, and standability. Table 4 includes grain quality (flour yield and softness) and disease information.

Table 5 contains the company contact information and seed treatments used for each variety entered in the 2025 Ohio Wheat Performance Test. This report is online at: <https://ohiocroptest.cfaes.osu.edu/wheattrials/>. Any column of data can be sorted by clicking at the top of the column, which makes it easy to arrange varieties in order by any characteristic for comparison purposes.

Inclusion of varieties in the Ohio Wheat Performance Test does not constitute an endorsement of any variety by The Ohio State University, Ohio Agriculture Research and Development Center, or Ohio State University Extension.

Acknowledgments: We thank our farmer cooperators for their contributions to the 2025 wheat variety testing program. We are grateful for the assistance provided by Ken Scaife, OARDC Field Operations, Wooster, Matt Davis, Northwest Agricultural Research Station, and Joe Davlin, Western Agricultural Research Station. Special thanks to Rich Minyo, OARDC Wooster, for his assistance and expertise.

Table 1. Yield and Agronomic Characteristics of Wheat Varieties Tested in Ohio, 2025.

Brand	Variety	Seed Rate	Wood	Union	Wayne	Clark	Pickaway	Ave.	Moisture	Test Wt.	Seed Size	Lodging	Height	Heading Date
		#/ft	bu/acre						%	lb/bu	1000 seeds/lb	%	inch	
AGI	114	25	94.6	49.6	96.2	76.3	89.3	81.2	13.1	56.1	15.4	0	35	135
AGI	240	25	92.6	53.1	99.4	76.2	100.5	84.4	13.1	56.1	15.9	0	33	133
AGI	312	25	100.5	57.6	100.9	87.2	102.3	89.7	13.1	55.3	13.9	0	35	135
AGI	220B	25	97.0	72.2	100.8	75.4	97.3	88.5	12.8	57.5	12.9	3	35	134
AGI	244B	25	104.0	78.3	109.7	95.2	99.4	97.3*	13.0	54.2	13.2	0	35	134
AGI	310B	25	100.3	77.4	103.2	81.8	99.8	92.5	13.1	54.4	14.3	6	35	134
AGI	410B	25	101.5	82.9	103.7	83.5	92.2	92.8	13.2	55.9	12.9	0	35	134
AgriMAXX	AM 505	25	94.9	63.0	106.5	72.3	93.4	86.0	12.9	57.7	13.0	0	35	135
AgriMAXX	AM 513	25	96.5	75.3	101.0	77.0	91.5	88.3	12.9	56.6	13.3	0	36	132
AgriMAXX	AM 525	25	99.0	51.2	108.0	91.2	101.0	90.1	13.3	56.3	13.3	0	33	135
AgriMAXX	AM 545	25	104.2	85.6	106.2	86.6	97.6	96.0	12.9	54.0	12.8	4	33	135
AgriMAXX	AM 553	25	96.5	60.9	101.0	79.1	101.5	87.8	13.2	55.2	13.0	0	34	135
AgriMAXX	AM 555	25	99.7	65.2	98.6	92.5	105.0	92.2	13.1	55.4	14.0	0	35	135
AgriMAXX	AM 556	25	103.1	85.7	113.2	79.6	92.5	94.8	13.1	56.0	12.9	1	34	135
AgriMAXX	AM 568	25	105.5	68.6	106.6	88.2	98.4	93.5	13.1	55.1	14.9	0	33	135
Blue River	801	25	103.9	62.9	105.7	79.7	94.9	89.4	13.0	56.1	12.8	0	35	133
Blue River	844	25	105.6	68.7	97.8	76.1	99.7	89.6	13.4	55.5	14.3	0	33	134
Certified	Enterprise	26	99.0	80.3	107.4	97.3	97.2	96.2	13.1	56.1	14.0	1	38	132
Certified	Kokosing	26	89.5	81.2	96.7	77.8	90.7	87.2	12.7	55.0	13.2	0	38	131
Certified	Scioto	26	101.1	68.7	109.1	84.5	104.3	93.5	13.2	57.3	14.7	0	34	132
Certified	Sunburst	26	97.3	51.5	92.2	78.6	84.1	80.7	12.8	55.7	13.7	0	33	133
Dyna-Gro	9151	27	102.8	75.4	104.4	75.5	96.4	90.9	12.8	57.7	12.2	2	36	134
Dyna-Gro	9172	27	101.9	63.0	94.2	66.4	84.1	81.9	13.1	55.6	13.7	0	35	133
Dyna-Gro	9231	27	99.2	66.4	108.7	82.4	94.8	90.3	12.8	56.1	13.3	4	36	133
Dyna-Gro	9422	27	99.2	63.8	97.3	76.2	97.9	86.9	13.0	54.2	13.4	5	34	135
Dyna-Gro	9533	27	97.2	69.7	109.1	81.5	94.7	90.4	12.9	54.0	13.8	0	31	135
Dyna-Gro	9570	27	104.4	67.9	98.9	83.0	96.3	90.1	13.0	54.8	14.0	3	35	132
Dyna-Gro	9593	27	107.5	82.2	108.5	102.6	105.4	101.2**	12.9	55.4	14.2	0	35	133
Dyna-Gro	9612	27	105.4	76.2	105.2	91.3	104.9	96.6	12.9	55.3	14.4	0	32	133
Dyna-Gro	9862	27	91.2	72.7	97.6	70.1	88.6	84.0	13.0	56.3	14.1	0	33	135
Ebberts	914	28	102.4	76.3	103.5	93.3	108.1	96.7	12.6	55.8	14.2	0	34	132
Ebberts	922	28	99.1	49.3	102.6	85.7	97.7	86.9	13.2	56.1	15.5	0	34	133
Ebberts	965	28	98.5	64.9	102.5	89.5	100.1	91.1	13.0	54.3	13.1	0	36	134
Ebberts	978	28	105.2	85.8	110.1	96.1	101.1	99.7*	12.8	54.2	12.6	0	35	135
FS Wheat	FS 597	25	91.7	66.7	95.7	69.8	86.6	82.1	12.8	55.3	12.0	3	35	134
FS Wheat	FS 600	25	98.7	75.1	105.0	76.4	101.4	91.3	12.8	57.7	12.7	0	36	134
FS Wheat	FS 606	25	103.2	62.5	103.4	79.0	95.3	88.7	13.3	58.1	14.0	0	36	133
FS Wheat	FS 617	25	95.9	59.9	92.6	71.9	90.9	82.2	13.1	55.6	13.7	0	33	136
FS Wheat	FS 624	25	92.6	69.0	96.6	68.4	81.1	81.5	13.1	55.5	13.2	0	36	134
FS Wheat	FS 743	25	98.4	54.2	107.8	79.6	96.7	87.3	13.0	56.1	12.5	0	35	133
FS Wheat	FS 745	25	97.1	42.7	92.7	66.1	80.2	75.8	13.3	54.9	14.2	0	34	134
FS Wheat	FS 749	25	106.5	71.0	107.4	84.1	95.3	92.9	13.0	56.3	14.0	0	34	135
FS Wheat	FS WX25A	25	106.7	59.3	97.7	72.9	103.4	88.0	13.3	55.4	13.6	0	32	134

Table 1 is continued on the next page.

Table 1. Yield and Agronomic Characteristics of Wheat Varieties Tested in Ohio, 2025. (continued)

Brand	Variety	Seed Rate	Wood	Union	Wayne	Clark	Pickaway	Ave.	Mois- ture	Test Wt.	Seed Size	Lodg- ing	Height	Heading Date
		#/ft	bu/acre						%	lb/ bu	1000 seeds/lb	%	inch	
FS Wheat	FS WX25B	25	100.9	76.9	107.3	91.4	98.3	95.0	13.7	54.6	14.6	2	39	133
FS Wheat	FS WX25C	25	98.5	73.9	108.4	81.2	97.2	91.8	12.8	56.6	15.3	0	34	133
Grow Pro	GP 015	21	90.3	52.1	92.9	75.3	90.4	80.2	13.2	55.3	14.9	0	35	132
Grow Pro	GP 543	21	99.0	57.4	102.1	79.0	97.9	87.1	13.9	54.1	15.2	0	37	133
Grow Pro	GP 893	21	108.2	51.5	106.4	77.4	100.2	88.7	13.2	55.0	10.8	0	36	134
Grow Pro	GP 944	21	104.8	78.3	111.1	89.1	98.1	96.3	12.9	54.3	15.0	0	35	135
KWS	KWS 579	24	106.3	82.6	104.5	74.6	105.9	94.8	13.0	55.6	12.4	0	33	134
KWS	KWS 591	24	102.5	60.5	107.2	84.7	100.6	91.1	13.0	54.9	13.7	0	35	133
KWS	KWS 604	19	108.2	87.0	99.3	80.3	93.0	93.6	12.9	55.8	12.8	0	35	136
KWS	KWS 623	25	101.7	60.1	116.6**	97.3	107.4	96.6	13.2	55.1	15.0	0	37	133
KWS	KWS 625	20	109.1	65.6	112.8	85.1	99.7	94.5	13.1	55.2	13.5	0	34	134
Pond	PSC 224	25	99.9	75.1	109.7	73.3	95.0	90.6	12.9	56.0	12.5	0	35	133
Pond	PSC 613	25	98.9	72.5	103.5	75.8	83.6	86.9	13.3	56.0	14.1	4	36	134
Pond	PSC 707	25	101.9	90.9	104.1	85.1	102.8	97.0*	13.5	54.8	15.5	3	37	132
Seed Consultants	13S03™	27	106.6	63.6	111.0	81.1	97.6	92.0	12.8	56.4	12.5	0	35	133
Seed Consultants	13S14™	27	97.0	56.6	102.9	80.1	96.0	86.5	13.1	54.4	13.4	2	35	134
Seed Consultants	13S25™	27	106.8	77.9	109.5	99.5	106.2	100.0*	12.8	55.7	14.3	0	35	133
Shur Grow	SG-1493S	28	98.3	60.5	110.8	86.7	98.5	91.0	12.9	56.2	13.2	0	36	133
Shur Grow	SG-1546S	28	105.6	68.7	98.0	78.7	99.0	90.0	13.2	55.8	14.4	0	35	134
Shur Grow	SG-1776S	28	101.9	67.1	106.1	91.8	97.1	92.8	13.0	55.2	13.5	0	34	134
Shur Grow	SG-1790S	28	110.0	75.8	105.2	83.6	103.8	95.7	12.9	53.9	12.7	1	33	135
Shur Grow	SG-17X1	28	106.1	77.3	108.6	83.8	95.6	94.3	13.0	56.1	12.7	0	34	135
Shur Grow	SG-17X2	28	104.7	77.1	106.4	85.1	91.3	92.9	12.9	54.8	13.7	0	36	132
Strike Genetics	127	28	101.0	61.7	102.2	87.4	88.4	88.1	12.8	55.9	13.1	14	34	133
Strike Genetics	419	28	98.7	84.3	95.3	73.8	90.1	88.4	13.1	55.9	14.9	0	33	134
Strike Genetics	Envy	28	100.6	75.5	106.2	79.9	102.3	92.9	13.4	54.7	14.8	2	37	133
Synergy	EXP 2537	25	103.3	68.8	109.3	87.1	106.5	95.0	13.1	53.8	12.5	0	32	135
Synergy	EXP 2578	25	99.3	83.0	106.4	79.7	97.0	93.1	13.0	55.1	13.6	0	33	135
Synergy	Kessler	25	108.1	73.7	111.5	87.9	101.7	96.6	13.0	54.3	12.1	3	34	134
Synergy	Wagner	25	100.3	73.3	101.8	85.1	94.6	91.0	12.9	53.8	13.5	0	30	135
Synergy	Wiser	25	103.3	82.3	112.4	80.3	93.8	94.4	13.0	56.0	12.8	3	34	135
Yerks	Y938	24	97.7	53.4	103.5	78.1	99.0	86.3	13.1	55.9	15.3	0	33	133
Yerks	Y950	24	101.2	69.5	106.1	87.3	100.7	93.0	13.1	53.9	13.1	0	33	134
High		28	110.0	90.9	116.6	102.6	108.1	101.2	13.9	58.1	15.9	14	39	136
Average		25	100.9	69.1	104.0	82.2	96.9	90.6	13.0	55.5	13.7	1	34	134
Low		19	89.5	42.7	92.2	66.1	80.2	75.8	12.6	53.8	10.8	0	30	131
LSD (p = 0.10)			7.4	12.6	4.8	9.7	5.1	4.4	0.5	0.2			1.2	1.0
CV			6.2	15.5	3.9	10.1	4.5	17.5	4.4	4.0			3.3	0.6

**Highest yielding variety
*Not statistically different from the highest yielding variety.

Table 2. Yield and Agronomic Characteristics of Wheat Varieties Tested in Ohio, 2024-2025.

Brand	Variety	Wood	Union	Wayne	Darke/ Clark	Pickaway	Ave.	Moisture	Test Wt.	Lodging	Height	Heading Date
		bu/acre						%	lb/bu	%	inch	
AGI	114	90.7	60.7	77.7	79.1	85.5	78.7	13.3	57.5	1	33	133
AGI	240	93.7	65.5	81.8	82.5	93.0	83.3	13.3	57.2	0	33	131
AGI	312	97.1	64.3	84.3	94.1	97.2	87.4	13.4	56.4	0	34	134
AGI	220B	95.9	71.4	82.8	87.8	90.2	85.6	13.1	58.9	2	33	132
AGI	310B	98.8	76.2	82.1	91.6	92.7	88.3	13.4	55.9	3	34	132
AgriMAXX	AM 505	96.5	68.1	89.3	83.5	88.0	85.1	13.2	59.1	0	34	132
AgriMAXX	AM 513	94.3	77.0	84.7	88.9	87.0	86.4	13.2	57.9	0	34	131
AgriMAXX	AM 525	100.1	64.3	89.5	92.6	94.7	88.2	13.6	57.5	0	32	133
AgriMAXX	AM 545	101.5	80.9	85.2	92.3	90.6	90.1	13.2	55.6	2	32	133
AgriMAXX	AM 556	102.3	84.4	92.3	87.5	89.3	91.1	13.5	56.9	1	33	132
Blue River	801	101.2	70.1	88.3	88.5	89.2	87.4	13.2	57.4	0	35	131
Certified	Enterprise	98.2	78.2	87.5	96.2	92.8	90.6	13.3	57.4	1	36	130
Certified	Kokosing	87.1	74.7	81.2	79.8	86.1	81.7	13.0	56.5	0	36	130
Certified	Scioto	99.3	72.8	82.7	85.0	96.5	87.2	13.6	58.4	0	32	130
Certified	Sunburst	93.3	60.4	74.8	85.5	80.2	78.8	13.2	57.8	0	31	132
Dyna-Gro	9151	99.0	75.7	86.7	83.4	91.8	87.3	13.1	59.1	1	34	132
Dyna-Gro	9172	97.6	62.0	77.8	76.8	78.9	78.6	13.2	56.7	0	33	131
Dyna-Gro	9231	101.4	70.8	88.4	89.6	90.4	88.1	13.2	57.4	3	34	131
Dyna-Gro	9533	95.8	74.2	87.9	87.5	93.4	87.7	13.2	55.2	1	30	133
Dyna-Gro	9570	99.3	73.3	80.3	89.8	92.9	87.1	13.1	56.0	1	34	130
Dyna-Gro	9862	91.3	73.1	80.6	78.6	85.7	81.8	13.2	57.7	0	32	133
Ebberts	922	97.1	62.2	81.6	87.9	95.6	84.8	13.4	57.2	0	33	131
Ebberts	965	101.1	70.6	82.6	91.5	90.3	87.2	13.4	56.0	1	34	132
Ebberts	978	104.1	81.9	89.1	98.5	96.1	93.9	13.1	55.8	0	33	133
FS Wheat	FS 597	93.1	68.4	81.6	82.2	82.8	81.6	13.4	57.0	1	34	131
FS Wheat	FS 600	97.3	74.9	88.3	89.2	94.9	88.9	13.1	59.1	1	34	132
FS Wheat	FS 606	100.7	70.1	85.5	85.6	93.6	87.1	13.6	59.3	0	34	131
FS Wheat	FS 617	92.5	65.5	77.8	81.2	85.2	80.4	13.4	56.9	0	32	134
FS Wheat	FS 624	95.1	70.0	81.8	80.1	79.9	81.4	13.5	57.0	0	34	132
FS Wheat	FS 743	97.2	65.3	87.8	87.5	90.2	85.6	13.4	57.5	0	34	131
FS Wheat	FS 745	93.7	53.8	78.0	75.2	75.0	75.1	13.4	56.4	0	32	132
FS Wheat	FS 749	100.9	70.8	88.5	91.9	92.5	88.9	13.2	57.5	0	32	133
Grow Pro	GP 015	89.9	62.6	77.0	80.7	84.8	79.0	13.4	56.7	0	33	130
Grow Pro	GP 543	97.2	67.5	85.0	88.7	94.2	86.5	14.1	55.6	1	35	131
Grow Pro	GP 893	105.3	63.9	89.5	86.0	92.0	87.3	13.4	56.7	0	35	132
Pond	PSC 224	99.3	74.3	87.7	82.8	90.5	86.9	13.2	57.3	0	34	131
Pond	PSC 613	95.1	74.8	82.0	83.0	85.1	84.0	13.6	57.3	3	34	131
Pond	PSC 707	102.1	84.8	85.7	91.5	97.3	92.3	13.8	56.1	1	35	130
Seed Consultants	13S03™	102.4	68.7	90.5	87.7	90.7	88.0	13.2	57.6	0	34	130
Seed Consultants	13S14™	97.6	66.8	82.8	88.7	88.4	84.9	13.5	56.0	1	34	132
Shur Grow	SG-1493S	98.6	68.3	86.4	88.6	92.6	86.9	13.3	57.4	0	35	131
Shur Grow	SG-1546S	100.7	71.4	83.8	87.6	92.3	87.1	13.5	57.0	0	33	132
Shur Grow	SG-1790S	106.3	78.1	83.8	93.1	101.7	92.6	13.2	55.6	1	33	133
Strike Genetics	127	97.6	69.4	87.2	88.4	83.8	85.3	13.2	56.7	7	32	131
Strike Genetics	419	99.3	83.4	84.2	85.7	88.9	88.3	13.7	56.7	0	33	131
Strike Genetics	Envy	101.3	78.4	86.6	91.0	97.6	90.9	13.9	56.0	1	35	130
Synergy	Wagner	98.7	76.8	86.2	90.6	92.8	89.0	13.2	55.2	0	30	133
Synergy	Wiser	103.5	81.6	92.4	91.1	91.5	92.0	13.5	56.9	1	33	133
Yerks	Y938	97.1	63.8	81.4	84.7	94.8	84.3	13.3	57.1	0	32	131
High		106.3	84.8	92.4	98.5	101.7	93.9	14.1	59.3	7	36	134
Average		97.9	71.1	84.5	86.9	90.2	86.1	13.4	57.0	1	33	132
Low		87.1	53.8	74.8	75.2	75.0	75.1	13.0	55.2	0	30	130

Note: In 2024, the Ohio Wheat Performance Test was located on-farm in Darke County, Ohio. In 2025, the trial was conducted at the Western Agricultural Research Station in Clark County, Ohio.

Table 3. Yield and Agronomic Characteristics of Wheat Varieties Tested in Ohio, 2023-2025.

Brand	Variety	Wood	Union	Wayne	Clark/ Darke	Pickaway	Ave.	Moisture	Test Wt.	Lodging	Height	Heading Date
		bu/acre						%	lb/bu	%	inch	
AGI	114	94.7	66.3	86.5	92.7	92.4	86.5	13.4	58.2	0	33	136
AGI	312	99.8	72.7	94.8	106.6	102.6	95.3	13.7	57.1	0	35	136
AGI	310B	102.5	81.0	92.7	103.3	99.3	95.8	13.4	56.7	2	34	135
AgriMAXX	AM 505	101.1	74.9	99.5	97.4	98.8	94.4	13.2	59.5	0	34	135
AgriMAXX	AM 513	98.7	78.6	91.4	100.0	90.4	91.8	13.2	58.3	0	34	133
AgriMAXX	AM 525	101.6	70.8	98.1	101.0	99.6	94.2	13.7	58.1	0	32	136
Blue River	801	102.3	76.9	97.2	101.3	95.6	94.7	13.3	57.8	0	35	134
Certified	Enterprise	100.3	81.1	96.9	105.0	98.9	96.4	13.4	58.0	0	37	132
Certified	Kokosing	89.6	77.7	88.3	92.9	92.7	88.2	13.2	57.2	0	37	132
Certified	Scioto	100.9	80.4	92.5	98.2	100.1	94.4	13.7	58.8	0	32	133
Certified	Sunburst	96.7	66.2	84.4	99.3	89.0	87.1	13.5	58.9	0	31	135
Dyna-Gro	9151	101.5	81.7	97.3	94.5	97.4	94.5	13.2	59.4	1	34	135
Dyna-Gro	9172	99.6	70.7	88.7	96.2	87.8	88.6	13.5	57.0	0	33	135
Dyna-Gro	9231	103.4	76.4	95.5	102.3	96.6	94.9	13.3	57.9	2	35	134
Dyna-Gro	9862	93.5	74.9	87.4	93.1	91.0	88.0	13.4	58.3	0	33	136
Ebberts	922	98.7	70.4	88.9	97.1	99.4	90.9	13.4	57.3	0	33	134
FS Wheat	FS 597	96.0	73.7	90.2	97.2	87.9	89.0	13.5	57.5	1	34	134
FS Wheat	FS 600	99.8	75.2	98.3	101.4	97.4	94.4	13.2	59.5	1	34	135
FS Wheat	FS 606	103.9	75.1	95.5	97.9	96.8	93.8	13.7	59.6	0	35	134
FS Wheat	FS 617	96.4	73.0	89.2	94.7	94.2	89.5	13.5	57.5	0	32	137
FS Wheat	FS 624	100.6	76.0	93.9	96.1	93.1	91.9	13.8	57.6	0	35	135
FS Wheat	FS 743	102.2	70.3	99.1	101.0	96.8	93.9	13.4	57.9	0	35	134
FS Wheat	FS 745	98.5	66.5	90.0	95.2	85.8	87.2	13.6	57.0	0	33	135
Pond	PSC 224	102.4	75.3	97.3	96.7	94.9	93.3	13.4	57.8	0	34	134
Pond	PSC 613	97.0	76.8	90.0	97.0	93.7	90.9	13.7	57.9	2	34	135
Pond	PSC 707	103.8	87.6	96.1	104.8	103.9	99.2	14.0	56.9	1	35	133
Seed Consultants	13S03™	104.3	77.1	98.7	101.9	99.0	96.2	13.3	57.9	0	35	134
Seed Consultants	13S14™	102.9	78.0	93.6	105.4	97.2	95.4	13.5	56.7	1	34	135
Shur Grow	SG-1493S	103.3	75.8	96.7	102.8	100.6	95.8	13.4	57.9	0	35	134
Strike Genetics	127	101.1	78.0	93.5	100.3	92.1	93.0	13.3	57.0	5	32	134
Strike Genetics	Envy	104.2	81.8	96.9	102.8	104.7	98.1	14.0	56.9	1	36	133
Yerks	Y938	100.3	70.2	89.1	95.7	100.3	91.1	13.3	57.3	0	33	134
High		104.3	87.6	99.5	106.6	104.7	99.2	14.0	59.6	5	37	137
Average		100.1	75.3	93.4	99.1	95.9	92.8	13.5	57.9	0	34	134
Low		89.6	66.2	84.4	92.7	85.8	86.5	13.2	56.7	0	31	132

Note: In 2023 and 2024, the Ohio Wheat Performance Test was located on-farm in Darke County, Ohio. In 2025, the trial was conducted at the Western Agricultural Research Station in Clark County, Ohio.

Table 4. Grain Quality and Disease Ratings of Wheat Varieties Tested in Ohio, 2025.

Brand	Variety	Grain Quality		Stagonospora		Powdery Mildew Rank	Fusarium Head Blight Rank
		Flour	Softness	Leaf	Glume		
		%	%	%	%		
AGI	114	76.2	62.2	1.0	3.0	R	MR
AGI	240	70.1	67.1	4.3	1.7	MS	MR
AGI	312	73.0	66.3	0.4	0.3	MR	MS
AGI	220B	69.4	66.9	4.3	3.7	R	MR
AGI	244B	71.7	67.3	1.7	0.3	MS	MR
AGI	310B	71.8	68.7	3.7	0.7	R	MS
AGI	410B	71.6	67.4	6.0	0.0	MS	MR
AgriMAXX	AM 505	69.6	66.3	2.3	3.0	R	MR
AgriMAXX	AM 513	75.1	54.8	6.0	1.7	R	MR
AgriMAXX	AM 525	71.3	69.3	2.3	0.7	MR	MR
AgriMAXX	AM 545	71.6	70.4	3.0	0.0	MS	MR
AgriMAXX	AM 553	73.2	67.2	1.0	2.3	MS	MR
AgriMAXX	AM 555	72.3	67.8	0.1	0.3	MS	MR
AgriMAXX	AM 556	71.9	67.7	4.3	0.0	MS	MR
AgriMAXX	AM 568	73.4	68.3	0.7	1.0	S	MR
Blue River	801	71.4	69.7	5.7	1.7	MR	MR
Blue River	844	72.5	67.1	2.3	0.3	S	MS
Certified	Enterprise	71.3	66.2	6.3	4.3	MS	MR
Certified	Kokosing	74.4	64.7	2.3	1.0	R	MS
Certified	Scioto	72.8	62.1	3.0	0.3	MR	R
Certified	Sunburst	68.8	62.0	1.7	1.0	R	MS
Dyna-Gro	9151	68.9	66.4	3.7	3.0	R	MR
Dyna-Gro	9172	72.1	68.1	6.3	1.0	R	MS
Dyna-Gro	9231	70.8	68.5	3.7	1.0	R	MR
Dyna-Gro	9422	71.5	70.3	1.7	0.3	R	MS
Dyna-Gro	9533	70.2	67.2	2.3	1.0	R	MR
Dyna-Gro	9570	72.3	67.8	1.7	2.3	MS	MS
Dyna-Gro	9593	71.3	65.7	0.7	1.0	MS	MR
Dyna-Gro	9612	71.8	65.5	1.1	3.7	MS	R
Dyna-Gro	9862	77.4	58.5	1.7	3.7	MR	MR
Ebberts	914	73.1	68.7	1.0	1.0	MS	MR
Ebberts	922	69.6	66.7	1.7	1.7	MS	R
Ebberts	965	71.4	70.3	2.3	0.3	MS	MR
Ebberts	978	71.8	69.8	3.0	0.3	MS	MR
FS Wheat	FS 597	71.8	68.6	8.0	1.0	MS	MR
FS Wheat	FS 600	69.2	66.6	3.7	2.3	MR	MR
FS Wheat	FS 606	72.0	65.8	3.7	1.0	MS	MR
FS Wheat	FS 617	72.3	66.8	2.3	1.0	MR	MS
FS Wheat	FS 624	71.5	66.5	8.3	11.3	MS	S
FS Wheat	FS 743	70.8	67.3	5.0	4.3	MR	MR
FS Wheat	FS 745	71.5	69.9	4.3	1.0	R	MR
FS Wheat	FS 749	70.8	68.8	1.0	0.0	S	R
FS Wheat	FS WX25A	72.8	65.8	2.3	0.3	S	MS
FS Wheat	FS WX25B	70.5	68.0	3.0	0.7	MR	MR
FS Wheat	FS WX25C	69.8	69.3	1.0	2.3	MR	R
Grow Pro	GP 015	73.0	67.5	10.7	1.7	MR	MS
Grow Pro	GP 543	70.1	69.1	3.7	1.0	R	MR
Grow Pro	GP 893	71.5	66.1	3.0	1.0	R	S
Grow Pro	GP 944	71.6	65.5	1.4	1.7	S	MR
KWS	KWS 579	71.8	67.6	1.4	1.7	S	R
KWS	KWS 591	71.8	66.2	3.0	0.0	MR	R
KWS	KWS 604	73.7	64.7	2.0	3.7	MS	MR
KWS	KWS 623	71.8	69.1	5.7	1.7	MR	MR
KWS	KWS 625	69.3	68.7	2.3	4.3	R	MR

Table 4 is continued on the next page.

Table 4. Grain Quality and Disease Ratings of Wheat Varieties Tested in Ohio, 2025. (continued)

Brand	Variety	Grain Quality		Stagonospora		Powdery Mildew Rank	Fusarium Head Blight Rank
		Flour	Softness	Leaf	Glume		
		%	%	%	%		
Pond	PSC 224	71.1	68.6	1.7	1.7	MR	MR
Pond	PSC 613	72.4	66.1	1.7	1.7	S	MR
Pond	PSC 707	69.8	69.0	3.0	0.7	R	MR
Seed Consultants	13S03™	71.1	67.2	8.3	2.3	MR	MR
Seed Consultants	13S14™	71.9	68.7	2.3	0.3	MR	MS
Seed Consultants	13S25™	72.3	65.8	1.0	0.3	S	R
Shur Grow	SG-1493S	71.1	68.2	5.0	1.7	MR	MR
Shur Grow	SG-1546S	73.2	70.8	2.0	0.0	MS	MR
Shur Grow	SG-1776S	74.2	67.6	1.0	1.7	S	R
Shur Grow	SG-1790S	71.1	69.6	2.3	0.3	S	MR
Shur Grow	SG-17X1	72.0	66.1	4.3	0.0	MS	R
Shur Grow	SG-17X2	72.1	68.7	3.0	3.7	S	MR
Strike Genetics	127	71.5	67.7	1.4	2.3	MS	R
Strike Genetics	419	68.2	67.1	28.3	1.0	MR	MS
Strike Genetics	Envy	70.2	70.7	2.3	1.0	R	MR
Synergy	EXP 2537	73.6	67.5	0.4	1.7	S	MR
Synergy	EXP 2578	74.1	67.1	1.7	1.0	S	MR
Synergy	Kessler	71.5	67.3	3.7	0.0	S	MR
Synergy	Wagner	69.9	68.0	2.0	0.7	R	MR
Synergy	Wiser	71.5	67.6	3.0	0.0	MS	MR
Yerks	Y938	69.3	68.4	2.3	2.3	MR	MR
Yerks	Y950	71.8	67.2	4.3	0.3	MS	MR

S = susceptible, MS = moderately susceptible, MR = moderately resistant, R = resistant

Table 5. Ohio Wheat Performance Test, 2025 — Seed Source & Seed Treatment

Brand	Producer	Variety	Seed Treatment	Brand	Producer	Variety	Seed Treatment
AGI	Advanced Genetics, Inc. 11491 Foundation Rd. Croton, OH 43013 740-893-2501 www.advancedgeneticsinc.com	114	CeresUS TBZ IM MF04 Impress	Grow Pro	Grow Pro Genetics 375 N Old US Route 66 Hamel, IL 62046 618-633-2017 www.growprogenetics.com	GP 015	Cruiser 5FS/Vibrance Extreme/Vayantis
		240	CeresUS TBZ IM MF04 Impress			GP 543	Cruiser 5FS/Vibrance Extreme/Vayantis
		312	CeresUS TBZ IM MF04 Impress			GP 893	Cruiser 5FS/Vibrance Extreme/Vayantis
		220B	CeresUS TBZ IM MF04 Impress			GP 944	Cruiser 5FS/Vibrance Extreme/Vayantis
		244B	Cruiser 5FS/Vibrance Extreme				
AgriMAXX	AgriMAXX Wheat Company 7167 Highbanks Rd. Mascoutah, IL 62258 855-629-9432 www.agrimaxxwheat.com	310B	CeresUS TBZ IM MF04 Impress	KWS	KWS Cereals 495 County Road 1300 N. Champaign, IL 61822 217-888-0176 www.kws.com	KWS 579	Cruiser 5FS/Vibrance
		410B	CeresUS TBZ IM MF04 Impress			KWS 591	Cruiser 5FS/Vibrance
		AM 505	Prime ST			KWS 604	Cruiser 5FS/Vibrance
		AM 513	Prime ST			KWS 623	Cruiser 5FS/Vibrance
		AM 525	Prime ST			KWS 625	Cruiser 5FS/Vibrance
		AM 545	Prime ST	Pond	Pond Seed Company, LLC 12462 Blaine St. Scott, OH 45886 419-622-6141 www.pondseedco.com	PSC 224	Swamp Master XT
		AM 553	Prime ST			PSC 613	Swamp Master XT
		AM 555	Prime ST			PSC 707	Swamp Master XT
Blue River	Albert Lea Seed 1414 W. Main Street Albert Lea, MN 56007 800-352-5248 www.alseed.com	801	CruiserMaxx/Vibrance	Seed Consultants	Seed Consultants, Inc. 648 Miami Trace Rd. SW Washington Courthouse, OH 43160 800-708-2676 www.seedconsultants.com	SC 13S03™	Lumigen
		844	CruiserMaxx/Vibrance			SC 13S14™	Lumigen
Certified	Ohio Foundation Seeds, Inc. 11491 Foundation Rd. Croton, OH 43013 614-889-1136 www.ohioseed.org	Enterprise	CeresUS ST IM G8			SC 13S25™	CruiserMaxx Vibrance/Cruiser 5FS
		Kokosing	CeresUS ST IM G8	Shur Grow	Heritage Cooperative, Inc. 6239 State Route 187 Mechanicsburg, OH 43044 800-231-7333 www.heritagecooperative.com	SG-1493S	Warden Cereals II
		Scioto	CeresUS ST IM G8			SG-1546S	Warden Cereals II
		Sunburst	CeresUS ST IM G8			SG-1776S	Warden Cereals II
			CeresUS ST IM G8			SG-1790S	Warden Cereals II
Dyna-Gro	Nutrien Ag Solutions 3005 Rocky Mountain Ave. Loveland, CO 80538 970-685-3300 www.nutrienagsolutions.com	9151	Awaken ST/Foothold Virock			SG-17X1	Warden Cereals II
		9172	Awaken ST/Foothold Virock	Strike Genetics	Burtch Seed Co., Inc. 4742 Tama Rd. Celina, OH 45822 800-622-8262 www.burtchseed.com	SG-17X2	Warden Cereals II
		9231	Awaken ST/Foothold Virock			127	Untreated
		9422	Awaken ST/Foothold Virock			419	Vibrance Extreme
		9533	Awaken ST/Foothold Virock	Synergy	Synergy Ag 6150 N. County Rd. 33 Tiffin, OH 44883 419-618-8011 www.synergysseeds.com	Envy	Vibrance Extreme
		9570	Awaken ST/Foothold Virock			EXP 2537	CruiserMaxx/Vibrance Extreme
		9593	Awaken ST/Foothold Virock			EXP 2578	CruiserMaxx/Vibrance Extreme
		9612	Awaken ST/Foothold Virock			Kessler	CruiserMaxx Vibrance/Cruiser 5FS
Ebberts	Ebberts Field Seeds Inc. 6840 N. State Route 48 Covington, OH 45318 973-473-2521 www.ebbertsseeds.com	9862	Awaken ST/Foothold Virock			Wagner	Athena-V TBZ ST IM
		914	Vibrance Extreme	Yerks	Yerks Seed, Inc. 20202 Notestine Rd. Woodburn, IN 46797 260-657-5127 www.yerksseed.com	Wiser	CeresUS TBZ IM MF04 Impress
		922	Vibrance Extreme			Y 938	CeresUS MF04 IM Impress
		965	Vibrance Extreme			Y 950	CeresUS MF04 IM Impress
FS Wheat	GROWMARK, Inc. 1701 Towanda Avenue Bloomington, IL 61701 309-557-6000 www.fsseeds.com	978	Vibrance Extreme				
		FS 597	Vibrance Extreme/Insecticide				
		FS 600	Vibrance Extreme/Insecticide				
		FS 606	Vibrance Extreme/Insecticide				
		FS 617	Vibrance Extreme/Insecticide				
		FS 624	Vibrance Extreme/Insecticide				
		FS 743	Vibrance Extreme/Insecticide				
		FS 745	Vibrance Extreme/Insecticide				
		FS 749	Vibrance Extreme/Insecticide				
		FS WX24A	Vibrance Extreme/Insecticide				
		FS WX24B	Vibrance Extreme/Insecticide				
		FS WX24C	Vibrance Extreme/Insecticide				