



**THE OHIO STATE  
UNIVERSITY**

COLLEGE OF FOOD, AGRICULTURAL,  
AND ENVIRONMENTAL SCIENCES

## THE 2024 OHIO WHEAT PERFORMANCE TEST

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The purpose of the 2024 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 2 weeks 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).

**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.

**Heading Date** was the average calendar day of the year on which 50% of the heads were completely emerged at the Union County location (Ex: Day 136 = May 15).

**Stagonospora Leaf and Glume Blight** disease evaluations were not included in this year's report due to earlier than normal maturity. Please contact your seed dealer for disease resistance information.

**Powdery Mildew** disease evaluations were not included in this year's report due to earlier than normal maturity. Please contact your seed dealer for disease resistance information.

**Fusarium Head Blight (FHB)** Varieties were evaluated in an inoculated disease screening nursery in Wooster (Wayne County). FHB was rated as the percentage of spikelets showing disease symptoms.

**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 2023, wheat was planted within 14 days of the fly-free date. Fall growth was good, and wheat entered dormancy in great condition. Higher than normal growing degree days in March through June accelerated crop development. Wheat was harvested about 10 days earlier than normal. Overall, wheat yield was lower than the previous year likely due to higher levels of disease and shorter grain fill period. Grain yield averaged between 65.8 and 96.1 bu/acre among the five locations.

### RESULTS

Results of the 2024 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.

Test results for the 84 winter wheat varieties evaluated in 2024 are presented in Table 1. Tables 2 and 3 contain multi-year variety performance data. Depending on variety and test site, yields varied between 55.8 and 106.3 bu/acre and test weight ranged from 56.5 to 60.6 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. 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 2024 wheat variety testing program. We are grateful for the assistance provided by Ken Scaife, OARDC Field Operations, Wooster and Matt Davis, OARDC Northwest Branch Research Station. Special thanks to Rich Minyo, OARDC Wooster, for his assistance and expertise.

	Wood	Union	Wayne	Darke	Pickaway
Previous crop	Soybean	Soybean	Soybean	Soybean	Soybean
Soil Texture	Clay	Silty clay	Silt loam	Clay	Loam
Soil Series	Hoytville	Blount	Canfield	Crosby	Miamian
Fly-Free Date	Sept. 23	Sept. 28	Sept. 26	Sept. 29	Oct. 1
Plant Date	Oct. 4	Oct. 11	Oct. 10	Oct. 9	Oct. 3
Soil pH	6.4	6.9	6.2	6.6	6.1
Soil P- Mehlich (ppm)	38	37	37	88	23
Soil K (ppm)	184	118	187	207	105
Fertilizer (NPK)	125-54-72	114-156-0	104-58-75-14S	120-0-96-30S	121-50-60-25S
Herbicides	Harmony Extra, Buctril	None	Sharpen	Harmony Extra	Quelex
Fungicide	Prosaro	Prosaro	Miravis Ace	Miravis Ace	Sphaerex
Insecticide	None	None	Tigris Lambda	None	Lamcap II
Harvest Date	July 1	June 24	July 2	July 2	June 18

**Table 1. Yield and Agronomic Characteristics of Wheat Varieties Tested in Ohio, 2024.**

Brand	Variety	Seed Rate	Wood	Union	Wayne	Darke	Pickaway	Ave.	Moisture	Test Wt.	Seed Size	Lodging	Height	Heading Date
			bu/acre							%	lb/bu	1000 seeds/lb	%	inch
		#/ft												
AGI	114	25	86.8	71.7	59.2	81.8	81.6	76.2	13.6	59.0	12.9	1	31	131
AGI	218	25	96.9	75.6	68.7	92.9	80.2	82.9	14.1	58.6	12.7	0	33	129
AGI	240	25	94.8	77.9	64.1	88.8	85.5	82.2	13.4	58.3	13.7	1	33	129
AGI	312	25	93.6	70.9	67.7	100.9	92.0	85.0	13.7	57.6	13.0	0	32	132
AGI	116B	25	95.6	71.5	62.3	100.8	86.6	83.4	13.7	58.6	11.5	2	33	129
AGI	217B	25	93.5	74.9	67.1	99.1	84.4	83.8	13.8	58.3	12.7	0	33	130
AGI	220B	25	94.7	70.6	64.8	100.1	83.1	82.7	13.4	60.3	11.9	0	31	131
AGI	222B	25	92.0	69.4	60.1	93.2	81.4	79.2	13.7	58.1	13.5	0	32	132
AGI	223B	25	91.1	63.8	60.1	95.7	71.0	76.3	13.5	58.0	12.2	0	32	130
AGI	310B	25	97.2	75.0	61.0	101.4	85.6	84.0	13.7	57.4	13.0	0	33	130
AgriMAXX	AM 2314	25	95.9	82.7	70.7	96.8	97.3	88.7*	14.0	57.4	12.7	0	33	131
AgriMAXX	AM 2405	25	101.4	83.1	71.3	95.4	86.1	87.5*	13.9	57.8	12.9	0	33	130
AgriMAXX	AM 503	25	91.8	74.1	67.2	87.5	84.0	80.9	14.1	58.5	12.5	0	33	130
AgriMAXX	AM 505	25	98.1	73.2	72.1	94.6	82.5	84.1	13.5	60.6	11.3	0	32	130
AgriMAXX	AM 513	25	92.0	78.7	68.3	100.8	82.5	84.5	13.4	59.2	12.5	0	33	129
AgriMAXX	AM 516	25	91.6	61.5	56.6	93.9	69.0	74.5	13.5	57.9	12.2	2	31	130
AgriMAXX	AM 525	25	101.2	77.3	70.9	94.0	88.3	86.3	13.8	58.7	12.0	0	31	131
AgriMAXX	AM 545	25	98.7	76.2	64.2	97.9	83.6	84.1	13.4	57.2	11.3	1	31	131
AgriPro	GP 015	25	89.4	73.1	61.1	86.0	79.1	77.7	13.6	58.1	13.2	0	31	128
AgriPro	GP 543	25	95.4	77.6	67.8	98.3	90.5	85.9	14.3	57.2	13.9	3	33	128
AgriPro	GP 893	25	102.3	76.2	72.6	94.6	83.8	85.9	13.6	58.4	12.1	0	34	129
Albert Lea	Viking 801	25	98.4	77.2	70.8	97.2	83.5	85.4	13.5	58.6	11.7	0	34	129
Certified	Enterprise	25	97.3	76.1	67.6	95.1	88.4	84.9	13.6	58.7	13.2	1	35	127
Certified	Kokosing	25	84.6	68.1	65.6	81.7	81.5	76.3	13.2	57.9	12.7	0	35	128
Certified	Scioto	25	97.4	76.8	56.2	85.4	88.7	80.9	14.0	59.6	13.1	0	30	128
Certified	Sunburst	25	89.2	69.2	57.3	92.4	76.3	76.9	13.5	59.9	13.7	0	30	131
Dyna-Gro	9151	27	95.1	75.9	69.0	91.2	87.1	83.7	13.5	60.4	11.3	0	33	131
Dyna-Gro	9172	27	93.2	61.0	61.4	87.1	73.7	75.3	13.4	57.7	12.6	0	31	129
Dyna-Gro	9182	27	96.3	79.1	66.1	91.7	85.8	83.8	13.9	58.8	12.3	2	33	129
Dyna-Gro	9231	27	103.5	75.2	68.1	96.7	85.9	85.9	13.5	58.8	11.6	1	33	129
Dyna-Gro	9533	27	94.4	78.7	66.6	93.5	92.0	85.0	13.6	56.5	12.3	1	29	131
Dyna-Gro	9542	27	105.1	85.1	72.3	96.5	89.7	89.7*	14.0	57.9	13.0	0	33	130
Dyna-Gro	9551	27	92.0	73.3	68.6	96.9	82.3	82.6	13.3	57.1	12.6	0	31	127
Dyna-Gro	9553	27	98.4	71.8	71.8	94.0	95.7	86.3	13.7	58.0	13.9	0	30	131
Dyna-Gro	9570	27	94.2	78.7	61.6	96.6	89.5	84.1	13.3	57.1	13.7	0	32	129
Dyna-Gro	9862	27	91.3	73.5	63.6	87.0	82.7	79.6	13.4	59.2	13.4	0	31	130
Ebberts	920	26	94.7	77.7	67.1	88.7	86.8	83.0	14.0	58.6	12.0	1	33	129
Ebberts	922	28	95.0	75.0	60.5	90.1	93.4	82.8	13.7	58.3	13.2	0	31	129
Ebberts	938	28	99.6	73.5	63.2	93.4	88.6	83.7	13.1	58.0	14.7	1	31	129
Ebberts	948	28	106.3	79.8	69.2	104.9	91.8	90.4**	13.8	57.9	12.7	0	33	130
Ebberts	965	28	103.7	76.2	62.6	93.5	80.5	83.3	13.7	57.7	12.9	2	33	129
Ebberts	968	28	97.6	73.2	73.8	96.8	93.9	87.1	13.6	58.0	13.1	0	31	131
Ebberts	978	28	103.0	78.0	68.1	100.8	91.1	88.2*	13.5	57.3	11.5	0	31	132
FS Wheat	FS 597	25	94.4	70.1	67.5	94.6	79.0	81.1	13.9	58.7	11.9	0	33	129
FS Wheat	FS 600	25	95.8	74.7	71.5	102.0	88.3	86.5	13.4	60.6	11.3	2	32	130

Table 1 is continued on the next page.

**Table 1. Yield and Agronomic Characteristics of Wheat Varieties Tested in Ohio, 2024. (continued)**

Brand	Variety	Seed Rate	Wood	Union	Wayne	Darke	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 606	25	98.2	77.7	67.6	92.1	91.8	85.5	13.9	60.6	12.6	0	33	129
FS Wheat	FS 617	25	89.1	71.0	63.0	90.4	79.4	78.6	13.7	58.1	13.4	0	32	132
FS Wheat	FS 624	25	97.6	70.9	66.9	91.8	78.7	81.2	14.0	58.4	11.1	0	33	131
FS Wheat	FS 743	25	96.0	76.3	67.8	95.3	83.7	83.8	13.7	58.8	11.6	0	34	129
FS Wheat	FS 745	25	90.3	64.9	63.2	84.2	69.7	74.5	13.4	58.0	11.9	1	31	130
FS Wheat	FS WX24A	25	100.9	75.3	63.7	92.7	85.8	83.7	13.6	58.6	12.5	1	32	130
FS Wheat	FS WX24B	25	96.0	74.1	61.7	85.5	85.5	80.6	13.5	58.1	13.9	0	32	128
FS Wheat	FS WX24C	25	95.3	70.5	69.6	99.7	89.6	84.9	13.4	58.7	12.6	0	31	132
KWS	KWS 500	25	89.6	71.7	55.8	83.4	83.8	76.9	13.8	58.1	12.3	0	30	131
KWS	KWS 501	25	94.2	74.1	67.5	99.6	86.1	84.3	14.0	58.0	12.0	0	31	132
KWS	KWS 508	25	97.7	72.4	67.9	98.4	81.2	83.5	13.9	58.0	12.5	0	31	132
KWS	KWS 525	25	98.9	70.3	70.7	96.8	78.7	83.1	13.8	58.2	14.2	0	30	130
KWS	KWS 527	25	92.1	66.0	66.0	89.5	83.7	79.5	13.6	58.6	12.3	0	32	130
KWS	KWS 529	25	92.1	80.4	69.7	101.5	85.6	85.9	13.5	56.7	11.8	0	32	130
Langdon	LB1936	25	92.5	68.2	58.1	83.1	82.7	76.9	13.3	56.7	13.1	0	29	128
Pond	PSC 224	25	98.6	73.4	65.6	92.2	86.0	83.2	13.6	58.6	11.9	1	34	128
Pond	PSC 613	25	91.3	77.1	60.4	90.2	86.6	81.1	13.9	58.6	12.3	2	33	128
Pond	PSC 707	27	102.3	78.7	67.2	97.8	91.8	87.6*	14.2	57.4	13.5	0	33	128
Seed Consultants	13S03™	25	98.1	73.7	70.0	94.2	83.8	84.0	13.6	58.7	11.9	0	34	128
Seed Consultants	13S14™	25	98.2	77.0	62.7	97.2	80.8	83.2	13.9	57.7	12.8	0	32	130
Seed Consultants	13S22™	25	92.2	60.6	59.3	90.0	73.7	75.2	13.2	57.8	11.8	1	31	130
Seed Consultants	SC EXP 1	25	102.8	78.3	65.8	101.5	89.7	87.6*	13.6	57.2	12.4	3	31	132
Shur Grow	SG-1493S	26	98.9	76.1	62.0	90.5	86.7	82.8	13.7	58.6	11.4	0	34	129
Shur Grow	SG-1546S	26	95.7	74.0	69.6	96.4	85.6	84.3	13.9	58.1	12.8	1	32	130
Shur Grow	SG-1790S	26	102.5	80.3	62.3	102.6	99.6	89.5*	13.4	57.2	11.2	1	32	131
Shur Grow	SG-1795S	26	97.1	72.7	64.3	101.3	80.6	83.2	13.6	58.3	11.9	0	31	130
Strike Genetics	127	27	94.1	77.1	72.1	89.4	79.2	82.4	13.5	57.6	12.8	0	29	130
Strike Genetics	403	26	96.4	73.3	65.2	92.7	77.9	81.1	13.3	58.3	12.8	0	31	128
Strike Genetics	419	27	99.8	82.4	73.1	97.6	87.6	88.1*	14.3	57.5	13.6	0	33	129
Strike Genetics	Envy	25	101.9	81.3	66.9	102.0	92.8	89.0*	14.3	57.3	13.6	0	33	128
Synergy	Frantz	25	99.6	72.3	61.5	96.8	83.8	82.8	13.8	57.4	12.9	0	32	131
Synergy	Nova	25	98.6	65.8	63.7	98.2	83.1	81.9	13.4	57.7	12.7	0	32	132
Synergy	Wagner	25	97.1	80.3	70.6	96.1	91.0	87.0	13.5	56.7	12.3	0	30	131
Synergy	Wiser	25	103.7	80.8	72.4	101.8	89.2	89.6*	14.0	57.8	13.3	0	33	131
Va. Tech	17VTK4-29	25	96.7	72.3	69.8	94.9	90.1	84.8	13.9	57.5	13.2	0	30	129
Va. Tech	VA19FHB-36	25	91.2	71.9	67.6	91.4	78.4	80.1	13.2	59.7	12.4	0	34	129
Va. Tech	VA20W-142	25	92.3	73.9	70.8	90.9	84.0	82.4	13.7	59.0	12.9	2	35	129
Yerks	Y938	24	96.4	74.2	59.3	91.2	90.6	82.3	13.5	58.2	13.8	0	31	128
Yerks	Y955	25	90.8	63.4	59.9	87.0	72.7	74.8	13.3	57.9	11.7	0	31	130
<b>High</b>		28	106.3	85.1	73.8	104.9	99.6	90.4	14.3	60.6	14.7	3	35	132
<b>Average</b>		26	96.1	74.1	65.8	94.2	84.8	83.0	13.7	58.2	12.6	0	32	130
<b>Low</b>		24	84.6	60.6	55.8	81.7	69.0	74.5	13.1	56.5	11.1	0	29	127
<b>LSD (p = 0.10)</b>			5.2	5.4	5.7	10.0	6.3	3.3	0.2	0.3			1.2	1.0
<b>CV</b>			4.7	6.2	7.5	9.1	6.4	17.0	7.9	2.8			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, 2023-2024.**

Brand	Variety	Wood	Union	Wayne	Darke	Pickaway	Ave.	Moisture	Test Wt.	Lodging	Height	Heading Date
		bu/acre						%	lb/bu	%	inch	
AGI	114	94.8	74.7	81.6	100.9	94.0	89.2	13.5	59.3	1	32	137
AGI	312	99.5	80.3	91.8	116.3	102.8	98.1	14.0	58.0	0	34	137
AGI	116B	99.9	82.2	87.7	112.9	96.6	95.8	13.6	58.5	1	34	135
AGI	217B	102.0	85.3	91.7	114.2	96.8	98.0	13.9	58.2	0	34	135
AGI	222B	98.0	78.3	87.0	107.9	100.1	94.2	13.7	58.5	0	33	138
AGI	310B	103.6	82.9	87.4	114.1	99.1	97.4	13.6	57.8	0	34	135
AgriMAXX	AM 505	104.2	80.9	96.1	110.0	101.5	98.5	13.4	60.5	0	34	136
AgriMAXX	AM 513	99.8	80.3	86.7	111.6	89.9	93.6	13.3	59.2	0	34	134
AgriMAXX	AM 516	98.4	74.4	82.3	112.8	88.6	91.3	13.7	57.9	1	32	135
AgriMAXX	AM 525	102.9	80.6	93.2	105.9	98.9	96.3	13.8	59.0	0	32	136
Albert Lea	Viking 801	101.5	84.0	92.9	112.1	96.0	97.3	13.5	58.6	0	34	134
Certified	Enterprise	101.0	81.6	91.7	108.9	99.7	96.6	13.6	58.9	0	36	133
Certified	Kokosing	89.6	76.0	84.1	100.4	93.7	88.8	13.5	58.2	0	37	133
Certified	Scioto	100.8	86.3	84.2	105.1	98.1	94.9	13.9	59.6	0	32	134
Certified	Sunburst	96.5	73.5	80.6	109.6	91.4	90.3	13.8	60.5	0	30	136
Dyna-Gro	9151	100.9	84.8	93.8	104.0	97.9	96.3	13.4	60.3	0	34	136
Dyna-Gro	9172	98.5	74.5	85.9	111.2	89.6	91.9	13.7	57.7	0	33	135
Dyna-Gro	9182	102.4	88.2	88.4	110.8	96.1	97.2	13.9	58.6	1	35	135
Dyna-Gro	9231	105.6	81.5	89.0	112.3	97.6	97.2	13.5	58.7	1	35	135
Dyna-Gro	9862	94.7	76.1	82.3	104.7	92.2	90.0	13.5	59.3	0	33	137
Ebberts	920	102.9	82.5	85.5	109.3	103.9	96.8	14.0	58.6	0	34	135
Ebberts	922	98.5	81.0	82.0	102.8	100.3	92.9	13.6	57.8	0	33	134
FS Wheat	FS 597	98.2	77.2	87.5	110.9	88.6	92.5	13.8	58.6	0	34	135
FS Wheat	FS 600	100.4	75.3	95.0	114.0	95.4	96.0	13.4	60.4	1	33	135
FS Wheat	FS 606	104.3	81.4	91.5	107.4	97.6	96.4	13.9	60.3	0	35	134
FS Wheat	FS 617	96.6	79.6	87.6	106.1	95.8	93.1	13.7	58.4	0	32	138
FS Wheat	FS 624	104.6	79.5	92.6	109.9	99.2	97.1	14.2	58.6	0	34	136
FS Wheat	FS 743	104.2	78.4	94.8	111.8	96.9	97.2	13.6	58.8	0	35	134
FS Wheat	FS 745	99.3	78.4	88.7	109.8	88.6	92.9	13.8	58.0	0	32	136
Langdon	LB1936	94.1	69.6	80.0	94.7	92.3	86.1	13.3	56.9	0	31	133
Pond	PSC 224	103.6	75.4	91.1	108.4	94.9	94.7	13.6	58.7	0	34	134
Pond	PSC 613	96.0	79.0	83.2	107.6	98.8	92.9	14.0	58.8	1	33	135
Pond	PSC 707	104.8	85.9	92.1	114.7	104.5	100.4	14.2	58.0	0	35	133
Seed Consultants	13S03™	103.2	83.9	92.6	112.4	99.7	98.3	13.6	58.7	0	35	134
Seed Consultants	13S14™	105.9	88.7	88.9	118.1	97.8	99.9	13.7	57.9	0	33	135
Seed Consultants	13S22™	99.4	69.9	85.7	108.6	92.6	91.2	13.7	57.8	0	32	135
Strike Genetics	127	101.1	86.2	89.2	106.8	93.9	95.4	13.5	57.6	0	31	135
Strike Genetics	Envy	106.0	84.9	92.2	114.3	106.0	100.7	14.3	58.0	0	35	133
Synergy	Frantz	103.8	79.9	89.2	115.0	94.7	96.5	13.7	57.8	0	33	136
Synergy	Nova	101.3	74.5	91.3	116.4	102.1	97.1	13.9	58.1	0	34	137
Va. Tech	VA19FHB-36	101.6	81.0	91.5	110.9	90.6	95.1	13.4	60.0	0	36	134
Yerks	Y938	101.7	78.6	82.0	104.5	101.0	93.5	13.5	58.0	0	33	134
Yerks	Y955	98.1	73.2	86.2	105.2	90.6	90.6	13.6	57.9	0	32	136
<b>High</b>		106.0	88.7	96.1	118.1	106.0	100.7	14.3	60.5	1	37	138
<b>Average</b>		100.5	79.8	88.3	109.4	96.4	94.9	13.7	58.6	0	34	135
<b>Low</b>		89.6	69.6	80.0	94.7	88.6	86.1	13.3	56.9	0	30	133

**Table 3. Yield and Agronomic Characteristics of Wheat Varieties Tested in Ohio, 2022-2024.**

Brand	Variety	Wood	Wayne	Darke	Pickaway	Ave.	Moisture	Test Wt.	Lodging	Height	Heading Date
		bu/acre					%	lb/bu	%	inch	
AGI	114	93.9	88.9	101.5	92.4	94.2	13.2	59.3	1	33	137
AGI	116B	94.4	89.3	112.9	95.1	98.0	13.3	58.5	3	34	136
AGI	217B	99.1	95.1	114.0	97.6	101.5	13.5	58.2	0	34	136
AGI	222B	90.8	91.2	109.6	98.5	97.5	13.4	58.5	0	33	138
AGI	310B	98.1	92.5	116.2	100.3	101.8	13.2	57.7	0	34	136
AgriMAXX	AM 505	98.3	95.9	111.4	100.6	101.6	13.1	60.4	1	34	137
AgriMAXX	AM 513	97.4	91.1	109.9	93.0	97.9	12.9	59.4	1	34	135
AgriMAXX	AM 516	93.5	86.2	111.8	90.9	95.6	13.4	58.0	1	33	136
AgriMAXX	AM 525	101.0	93.0	111.0	101.5	101.6	13.5	58.8	2	32	137
Albert Lea	Viking 801	95.4	94.7	110.6	98.6	99.8	13.1	58.4	3	35	135
Certified	Kokosing	85.9	88.1	100.0	93.3	91.8	13.0	58.1	0	37	134
Certified	Sunburst	92.4	88.0	108.0	91.7	95.0	13.6	60.5	0	31	137
Dyna-Gro	9151	95.1	93.8	106.6	97.3	98.2	13.1	60.2	1	34	137
Dyna-Gro	9172	94.6	86.2	108.8	91.5	95.3	13.3	57.8	0	33	136
Dyna-Gro	9182	99.1	92.8	111.4	93.0	99.1	13.6	58.6	1	35	136
Dyna-Gro	9231	100.8	89.8	114.2	98.7	100.9	13.2	58.7	4	35	136
Dyna-Gro	9862	94.6	86.9	106.3	91.4	94.8	13.2	59.2	0	33	137
Ebberts	920	99.9	90.0	111.4	100.2	100.4	13.6	58.6	2	35	136
FS Wheat	FS 600	95.8	94.4	115.8	92.4	99.6	13.1	60.2	1	33	136
FS Wheat	FS 617	91.5	91.9	109.3	95.4	97.0	13.5	58.4	0	33	138
FS Wheat	FS 624	96.9	93.8	111.6	98.2	100.1	13.9	58.5	1	35	136
FS Wheat	FS 743	98.1	92.7	112.8	97.0	100.2	13.3	58.6	4	35	135
FS Wheat	FS 745	95.1	88.1	110.3	90.2	95.9	13.5	58.0	1	33	136
Seed Consultants	13S14™	99.3	92.7	120.0	101.2	103.3	13.3	57.9	0	34	136
Seed Consultants	13S22™	95.6	85.9	107.9	93.9	95.8	13.5	57.7	2	33	136
Yerks	Y955	92.4	86.7	103.8	91.7	93.7	13.3	57.8	0	33	136
<b>High</b>		101.0	95.9	120.0	101.5	103.3	13.9	60.5	4	37	138
<b>Average</b>		95.7	90.8	110.3	95.6	98.1	13.3	58.7	1	34	136
<b>Low</b>		85.9	85.9	100.0	90.2	91.8	12.9	57.7	0	31	134

**Table 4. Grain Quality and Disease Ratings of Wheat Varieties Tested in Ohio, 2024.**

Brand	Variety	Grain Quality		Fusarium Head Blight	Brand	Variety	Grain Quality		Fusarium Head Blight
		Flour	Softness	Index			Flour	Softness	Index
		%	%	%			%	%	%
AGI	114	71.6	51.3	86.2	FS Wheat	FS 597	69.5	60.7	83.3
AGI	218	70.2	57.1	84.2	FS Wheat	FS 600	66.5	51.5	67.5
AGI	240	67.0	60.8	83.5	FS Wheat	FS 606	68.7	58.6	51.5
AGI	312	69.1	56.0	76.7	FS Wheat	FS 617	69.4	61.1	70.0
AGI	116B	69.0	57.7	.	FS Wheat	FS 624	70.1	58.3	90.8
AGI	217B	71.8	63.5	49.4	FS Wheat	FS 743	68.8	56.4	66.5
AGI	220B	66.7	54.6	52.8	FS Wheat	FS 745	69.1	59.4	57.2
AGI	222B	69.5	61.8	.	FS Wheat	FS WX24A	69.9	62.7	72.5
AGI	223B	68.9	59.7	55.5	FS Wheat	FS WX24B	66.8	62.2	57.6
AGI	310B	69.2	60.4	76.6	FS Wheat	FS WX24C	67.1	57.7	77.2
AgriMAXX	AM 2314	70.5	62.3	61.1	KWS	KWS 500	70.5	59.7	71.0
AgriMAXX	AM 2405	69.0	59.0	62.6	KWS	KWS 501	70.7	61.2	74.2
AgriMAXX	AM 503	70.1	57.1	87.5	KWS	KWS 508	70.5	61.5	77.2
AgriMAXX	AM 505	66.3	52.8	55.5	KWS	KWS 525	70.0	58.1	67.8
AgriMAXX	AM 513	68.7	45.2	52.0	KWS	KWS 527	70.5	56.4	61.0
AgriMAXX	AM 516	69.2	59.9	52.5	KWS	KWS 529	68.3	60.4	82.8
AgriMAXX	AM 525	68.4	63.3	49.7	Langdon	LB1936	69.1	64.6	87.9
AgriMAXX	AM 545	68.6	61.5	61.9	Pond	PSC 224	68.8	57.8	53.5
AgriPro	GP 015	69.9	58.8	79.2	Pond	PSC 613	69.8	56.9	78.4
AgriPro	GP 543	68.2	65.7	70.4	Pond	PSC 707	68.2	64.1	41.9
AgriPro	GP 893	68.2	57.4	73.8	Seed Consultants	13S03™	68.7	59.6	71.2
Albert Lea	Viking 801	69.0	58.0	69.0	Seed Consultants	13S14™	68.8	62.1	81.0
Certified	Enterprise	67.7	56.4	30.8	Seed Consultants	13S22™	68.8	60.3	53.3
Certified	Kokosing	71.0	56.6	74.9	Seed Consultants	SC EXP 1	68.3	61.4	73.6
Certified	Scioto	68.1	55.9	52.7	Shur Grow	SG-1493S	68.9	57.6	61.2
Certified	Sunburst	64.8	48.9	54.2	Shur Grow	SG-1546S	72.0	62.8	44.1
Dyna-Gro	9151	66.5	52.4	68.0	Shur Grow	SG-1790S	68.3	60.8	65.8
Dyna-Gro	9172	69.4	60.8	77.5	Shur Grow	SG-1795S	69.3	59.2	85.8
Dyna-Gro	9182	70.1	56.2	84.4	Strike Genetics	127	68.4	61.8	75.4
Dyna-Gro	9231	68.7	56.3	69.8	Strike Genetics	403	67.6	61.8	47.9
Dyna-Gro	9533	67.1	58.9	68.1	Strike Genetics	419	68.1	65.0	82.0
Dyna-Gro	9542	69.2	58.8	57.5	Strike Genetics	Envy	68.6	63.2	78.7
Dyna-Gro	9551	68.9	62.0	57.5	Synergy	Frantz	68.7	62.0	72.1
Dyna-Gro	9553	68.7	60.9	54.2	Synergy	Nova	68.9	55.4	61.1
Dyna-Gro	9570	69.5	62.6	81.6	Synergy	Wagner	67.0	59.1	71.4
Dyna-Gro	9862	71.1	51.4	81.9	Synergy	Wiser	69.2	61.1	72.5
Ebberts	920	70.1	56.8	83.3	Va. Tech	17VTK4-29	68.6	60.5	54.2
Ebberts	922	67.0	60.8	85.7	Va. Tech	VA19FHB-36	66.5	57.1	.
Ebberts	938	69.5	59.4	80.6	Va. Tech	VA20W-142	67.3	60.9	71.0
Ebberts	948	69.2	60.1	49.4	Yerks	Y938	67.0	61.0	66.5
Ebberts	965	69.2	61.4	76.3	Yerks	Y955	68.8	58.8	60.5
Ebberts	968	68.8	60.0	68.9	<b>High</b>		72.0	65.7	90.8
Ebberts	978	68.1	61.4	64.2	<b>Average</b>		68.8	59.1	67.9
					<b>Low</b>		64.8	45.2	30.8

**Table 5. Ohio Wheat Performance Test, 2024 — Seed Source & Seed Treatment**

<u>Brand</u>	<u>Producer</u>	<u>Variety</u>	<u>Seed Treatment</u>	<u>Brand</u>	<u>Producer</u>	<u>Variety</u>	<u>Seed Treatment</u>
AGI	Advanced Genetics, Inc. 11491 Foundation Rd. Croton, OH 43013 740-893-2501 www.advancedgeneticsinc.com	114	CeresUS	Shur Grow	Heritage Cooperative, Inc. 6239 State Route 187 Mechanicsburg, OH 43044 937-834-0188 www.heritagecooperative.com	SG-1493S	Warden Cereals II
		218	Athena-V TBZ ST IM			SG-1546S	Warden Cereals II
		240	Cruiser 5FS/CruiserMaxx/Vibrance			SG-1790S	Warden Cereals II
		312	CeresUS			SG-1795S	Warden Cereals II
		116B	CeresUS				
		217B	Athena-V TBZ ST IM				
		220B	Intego				
		222B	CeresUS				
		223B	Intego				
AgriMAXX	AgriMAXX Wheat Company 7167 Highbanks Rd. Mascoutah, IL 62258 855-629-9432 www.agrimaxxwheat.com	AM 2314	Prime ST	Strike Genetics	Burtch Seed Co., Inc. 4742 Tama Rd. Celina, OH 45822 419-363-3713 www.burtchseed.com	127	Vibrance Extreme
		AM 2405	Prime ST			403	Vibrance Extreme
		AM 503	Prime ST			419	Vibrance Extreme
		AM 505	Prime ST			Envy	Vibrance Extreme
		AM 513	Prime ST				
		AM 516	Prime ST				
		AM 525	Prime ST				
		AM 545	Prime ST				
		AgriPro	AgriPro 375 N Old US Route 66 Hamel, IL 62046 618-633-2017 www.growprogenetics.com			GP 015	Cruiser 5FS/Vibrance Extreme
GP 543	Cruiser 5FS/Vibrance Extreme			Nova	Intego		
GP 893	Cruiser 5FS/Vibrance Extreme			Wagner	CruiserMaxx/Vibrance		
Albert Lea	Albert Lea Seed 1414 W. Main Street Albert Lea, MN 56007 800-352-5247 www.alseed.com	Viking 801	Cruiser 5FS	Va. Tech	Virginia Crop Improvement Assn. 9225 Atlee Branch Lane Mechanicsville, VA 23116 804-746-8448 www.virginiacrop.org	17VTK4-29	Foothold
						VA19FHB-36	Foothold
						VA20W-142	Foothold
Certified	Ohio Foundation Seeds, Inc. 11491 Foundation Rd. Croton, OH 43013 614-889-1136 www.ohioseed.org	Enterprise	CeresUS ST IM G8	Yerks	Yerks Seed, Inc. 20202 Notestine Rd. Woodburn, IN 46797 260-657-5127	Y 938	CeresUS IM
		Kokosing	CeresUS ST IM G8			Y 955	CeresUS IM
		Scioto	CeresUS ST IM G8				
		Sunburst	CeresUS ST IM G8				
Dyna-Gro	Nutrien Ag Solutions 3005 Rocky Mountain Ave. Loveland, CO 80538 970-685-3300 www.nutrienagsolutions.com	9151	Awaken ST/Foothold Virock	Yerks	Yerks Seed, Inc. 20202 Notestine Rd. Woodburn, IN 46797 260-657-5127	Y 938	CeresUS IM
		9172	Awaken ST/Foothold Virock			Y 955	CeresUS IM
		9182	Awaken ST/Foothold Virock				
		9231	Awaken ST/Foothold Virock				
		9533	Awaken ST/Foothold Virock				
		9542	Awaken ST/Foothold Virock				
		9551	Awaken ST/Foothold Virock				
		9553	Awaken ST/Foothold Virock				
		9570	Awaken ST/Foothold Virock				
9862	Awaken ST/Foothold Virock						
Ebberts	Ebberts Field Seeds Inc. 6840 N. State Route 48 Covington, OH 45318 973-473-2521 www.ebbertsseeds.com	920	Vibrance Extreme	Yerks	Yerks Seed, Inc. 20202 Notestine Rd. Woodburn, IN 46797 260-657-5127	Y 938	CeresUS IM
		922	Vibrance Extreme			Y 955	CeresUS IM
		938	CruiserMaxx/Vibrance				
		948	CruiserMaxx/Vibrance				
		965	CruiserMaxx/Vibrance				
		968	CruiserMaxx/Vibrance				
		978	CruiserMaxx/Vibrance				
FS Wheat	GROWMARK, Inc. 1701 Towanda Avenue Bloomington, IL 61701 309-557-6000 www.fsseeds.com	FS 597	Vibrance Extreme/Insecticide	Yerks	Yerks Seed, Inc. 20202 Notestine Rd. Woodburn, IN 46797 260-657-5127	Y 938	CeresUS IM
		FS 600	Vibrance Extreme/Insecticide			Y 955	CeresUS IM
		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				
		WX24A	Vibrance Extreme/Insecticide				
		WX24B	Vibrance Extreme/Insecticide				
WX24C	Vibrance Extreme/Insecticide						
KWS	KWS Cereals 495 County Road 1300 N. Champaign, IL 61822 217-888-0176 www.kws.com	KWS 500	CruiserMaxx/Vibrance	Yerks	Yerks Seed, Inc. 20202 Notestine Rd. Woodburn, IN 46797 260-657-5127	Y 938	CeresUS IM
		KWS 501	CruiserMaxx/Vibrance			Y 955	CeresUS IM
		KWS 508	CruiserMaxx/Vibrance				
		KWS 525	CruiserMaxx/Vibrance				
		KWS 527	CruiserMaxx/Vibrance				
		KWS 529	CruiserMaxx/Vibrance				
Langdon	Langdon Brothers Seed 3590 S 100 E Hartford City, IN 47348 800-526-4366 www.langdonbrosseed.com	LB1936	Vibrance Extreme				
Pond	Pond Seed Company, LLC 12462 Blaine St. Scott, OH 45886 419-622-6141 www.pondseedco.com	PSC 224	Swamp Master XT	Yerks	Yerks Seed, Inc. 20202 Notestine Rd. Woodburn, IN 46797 260-657-5127	Y 938	CeresUS IM
		PSC 613	Swamp Master XT			Y 955	CeresUS IM
		PSC 707	Vibrance Extreme				
Seed Consultants	Seed Consultants, Inc. 648 Miami Trace Rd. SW Washington Courthouse, OH 43160 800-708-2676 www.seedconsultants.com	SC 13S03™	Vibrance	Yerks	Yerks Seed, Inc. 20202 Notestine Rd. Woodburn, IN 46797 260-657-5127	Y 938	CeresUS IM
		SC 13S14™	Vibrance			Y 955	CeresUS IM
		SC 13S22™	Vibrance				
		SC EXP 1	Vibrance				