



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES

THE 2022 OHIO WHEAT PERFORMANCE TEST

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The purpose of the 2022 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 21 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).

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. Average of Wood and Pickaway locations (Ex: Day 135 = May 15).

Powdery Mildew (PM), Fusarium Head Blight (FHB), Leaf Blotch (SLB), and Glume Blotch (SGB) disease ratings were not included in this year's report. Due to heavy storms in Wayne County, wheat in the disease nursery was severely lodged and disease ratings were inconsistent. Please contact your seed dealer for disease resistance information for a particular variety.

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.

CULTURAL PRACTICES BY TEST SITE

	Wood	Union	Wayne	Darke	Pickaway
Soil Type	Hoytville	Blount	Canfield	Crosby	Miamian
Fly-Free Date	Sept. 23	Sept. 28	Sept. 26	Sept. 29	Oct. 1
Plant Date	Oct. 2	Oct. 5	Oct. 6	Oct. 1	Sept. 29
Soil pH	6.7	5.0	6.2	6.6	6.2
Soil P (ppm)	47	22	39	51	57
Soil K (ppm)	200	149	185	145	156
Fertilizer (NPK)	117-69-90	122-60-162	119-46-120	120-0-50	122-65-45
Herbicides	Quelex	Harmony Extra	Harmony Extra	Harmony Extra	Harmony Extra
Fungicide	Prosaro	Miravis Ace	Prosaro	Miravis Ace	Sphaerex
Insecticide	None	Tombstone	None	None	Tombstone
Harvest Date	July 10	July 4	July 11	June 30	June 27



GROWING CONDITIONS

In fall 2021, wheat was planted at all five locations within 10 days of the fly-free date. Wheat entered dormancy in good to excellent condition. Cool temperatures and adequate moisture lead to a long grain fill period and high -yielding conditions. A derecho storm in mid-June resulted in higher than average lodging at the Wayne County location, as well as the loss of the disease nursery. Results from Union County were not included in this report due to extreme field variability caused by wildlife. Harvest conditions were favorable and harvest dates average. Overall, grain test weight averaged 58.1 lb/bu (same average test weight as 2021). Grain yield averaged between 87.1 and 111.4 bu/acre among the five locations.

RESULTS

Results of the 2022 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 87 winter wheat varieties evaluated in 2022 are presented in Table 1. Tables 2 and 3 contain multi-year variety performance data. Depending on variety and test site, yields varied between 71.3 and 124.2 bu/acre and test weight ranged from 55.4 to 60.5 lb/bu. Yield differences among test sites were due primarily to the soil drainage, weather during the grain fill period & 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 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 2022 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.

Table 1. Yield and Agronomic Characteristics of Wheat Varieties Tested in Ohio, 2022.

Brand	Variety	Seed Rate (#/ft)	Wood (bu/ac)	Wayne (bu/ac)	Darke (bu/ac)	Pickaway (bu/ac)	Avg. (bu/ac)	Test Wt. (lb/bu)	Seeds/lb (1000)	Lodging %	Height (in)	Heading Date	Flour %	Softness %
AGI	114	25	92.0	103.5	102.6	89.3	96.9	59.1	12.6	1	34	138	73.2	53.4
AGI	116B	25	83.6	92.7	113.1	92.1	95.4	58.5	11.8	8	35	138	68.4	63.1
AGI	217B	25	93.4	102.0	113.7	99.2	102.1	58.1	12.0	0	35	138	72.8	65.2
AGI	220B	25	91.0	96.2	115.7	91.9	98.7	60.0	10.6	0	35	138	68.5	55.7
AGI	222B	25	76.6	99.6	113.0	95.3	96.1	58.5	14.0	0	33	139	69.4	62.2
AGI	223B	25	83.0	89.6	116.0	95.5	96.0	57.6	12.4	3	34	138	70.0	65.1
AGI	310B	25	87.0	102.8	120.4	102.8	103.3*	57.5	12.5	1	35	138	69.0	64.8
AgriMAXX	AM 454	27	87.6	96.3	109.3	100.3	98.4	57.8	12.4	11	35	138	72.5	66.8
AgriMAXX	AM 498	27	85.5	89.8	117.1	96.8	97.3	57.2	12.4	6	36	138	71.5	64.0
AgriMAXX	AM 503	27	86.5	96.8	110.3	91.6	96.3	58.5	12.6	4	36	138	70.1	55.6
AgriMAXX	AM 505	27	86.6	95.7	114.1	98.9	98.8	60.2	10.6	2	35	138	67.8	56.2
AgriMAXX	AM 513	27	92.6	100.1	106.7	99.1	99.6	59.8	11.6	3	35	137	70.7	45.5
AgriMAXX	AM 516	27	83.9	93.9	109.9	95.6	95.8	58.1	12.7	0	34	138	70.3	65.0
AgriMAXX	AM 525	27	97.1	92.7	121.3	106.8	104.5*	58.4	12.8	5	34	139	69.3	63.5
AgriMAXX	EXP 2105	27	85.5	105.5	118.2	97.4	101.7	58.4	11.4	1	34	138	69.6	65.0
Albert Lea	Viking 801	18	83.2	98.3	107.7	103.7	98.2	58.2	12.0	9	37	138	68.7	61.1
Certified	Kokosing	27	78.5	96.0	99.1	92.7	91.6	57.9	11.8	1	37	136	71.6	59.0
Certified	Starburst	27	81.3	107.8	114.4	86.8	97.6	59.8	13.4	0	31	138	64.7	54.0
Certified	Sunburst	27	84.2	102.9	104.8	92.2	96.0	60.5	13.0	0	32	138	65.5	54.0
Dyna-Gro	9151	27	83.6	93.8	111.7	96.3	96.4	60.0	10.4	3	34	138	67.9	57.2
Dyna-Gro	9172	27	86.8	86.8	104.2	95.4	93.3	57.8	12.4	1	34	138	70.2	64.1
Dyna-Gro	9182	27	92.5	101.6	112.5	86.9	98.4	58.7	12.5	1	35	138	69.7	57.9
Dyna-Gro	9231	27	91.2	91.6	118.1	100.9	100.5	58.5	12.1	10	36	137	68.7	62.2
Dyna-Gro	9352	27	94.9	95.1	111.2	99.2	100.1	56.6	12.1	4	35	137	68.7	63.2
Dyna-Gro	9692	27	94.3	96.5	106.5	101.8	99.8	57.9	12.2	11	35	138	72.5	66.2
Dyna-Gro	9862	27	94.5	96.2	109.5	89.9	97.5	59.1	13.1	0	34	138	73.0	52.5
Dyna-Gro	WX22741	27	92.1	102.7	124.2	107.1	106.5**	56.4	12.0	4	36	138	71.6	65.0
Dyna-Gro	WX22793	27	87.1	102.9	116.4	105.9	103.1*	57.7	13.4	4	35	138	69.1	63.2
Ebberts	920	26	93.8	99.0	115.6	92.9	100.3	58.7	12.8	5	37	138	70.0	56.2
Ebberts	945	26	87.0	93.2	111.0	96.4	96.9	60.1	10.1	4	34	138	67.9	55.8
Ebberts	952	26	89.1	89.7	102.3	95.3	94.1	57.9	13.0	4	34	138	70.1	62.9
Ebberts	985	26	92.4	98.7	115.9	111.0	104.5*	56.5	11.4	11	35	138	71.3	66.4
FS Wheat	FS 600	25	86.5	93.4	119.4	86.3	96.4	59.9	10.1	0	34	138	67.6	56.6
FS Wheat	FS 616	25	81.1	97.1	111.9	89.2	94.8	59.3	12.7	6	35	138	68.3	60.7
FS Wheat	FS 623	25	97.1	97.7	107.8	89.6	98.1	58.7	12.8	4	36	138	69.6	57.9
FS Wheat	FS 624	25	81.6	96.3	115.0	96.2	97.3	58.3	10.9	3	37	138	70.3	59.7
FS Wheat	FS 745	25	86.9	86.9	111.3	93.4	94.6	58.0	12.4	3	33	138	70.3	64.6
FS Wheat	FS WX22A	25	81.3	100.5	115.7	94.6	98.0	58.5	13.6	0	33	139	69.1	62.0
FS Wheat	FS WX22B	25	86.1	88.4	114.8	97.4	96.7	58.2	11.6	13	36	138	68.2	61.7
Grow Pro	GP 381	25	86.4	97.5	105.5	98.6	97.0	57.8	14.4	0	33	136	69.2	59.9
Grow Pro	GP 463	25	84.2	92.1	116.5	99.4	98.1	58.1	12.7	20	33	137	69.4	62.4
Grow Pro	GP 747	25	82.9	104.9	113.5	101.4	100.7	55.8	12.8	1	34	138	71.3	67.1
Grow Pro	SY 100	25	87.0	96.3	105.3	103.0	97.9	55.9	13.0	0	34	138	71.5	61.5
Grow Pro	SY 547	25	76.5	101.3	112.9	102.4	98.3	58.5	12.1	6	38	137	68.8	56.4
Grow Pro	SY 576	25	83.2	92.5	97.6	96.0	92.3	57.7	12.9	0	36	140	68.5	53.3
Grow Pro	SY Viper	25	85.4	100.5	103.0	96.4	96.3	58.7	11.3	4	39	137	67.5	57.8
KWS	KWS 386	27	76.9	93.2	108.0	96.0	93.5	59.3	12.8	1	34	139	71.0	58.0

Table 1. Yield and Agronomic Characteristics of Wheat Varieties Tested in Ohio, 2022. (continued)

Brand	Variety	Seed Rate (#/ft)	Wood (bu/ac)	Wayne (bu/ac)	Darke (bu/ac)	Pickaway (bu/ac)	Avg. (bu/ac)	Test Wt. (lb/bu)	Seeds/lb (1000)	Lodging %	Height (in)	Heading Date	Flour %	Softness %
KWS	KWS 394	27	82.9	97.3	114.8	103.1	99.5	57.1	12.6	0	32	138	66.1	60.2
KWS	KWS 398	27	71.3	101.1	118.0	99.6	97.5	58.2	14.7	0	33	139	67.6	58.2
KWS	KWS 414	27	81.7	97.4	104.8	95.0	94.7	56.1	14.2	6	34	140	68.6	61.9
KWS	KWS 415	27	87.1	98.1	116.2	104.1	101.4	55.4	13.2	11	35	139	70.6	62.1
KWS	KWS 419	27	84.1	98.5	111.7	94.3	97.2	58.4	12.0	10	35	138	69.8	61.3
Revere	2148	26	94.6	92.0	114.2	85.2	96.5	58.5	12.0	4	37	138	70.2	57.9
Revere	2169	28	82.7	90.3	105.9	93.7	93.2	57.6	12.0	0	34	137	69.9	63.7
Revere	2277	28	82.8	100.8	116.6	95.8	99.0	58.4	13.9	3	33	139	68.9	62.4
Ruff's	Grant	22	93.6	100.7	110.7	89.1	98.5	58.6	12.6	1	36	138	70.0	55.9
Ruff's	Reagan	23	89.8	82.5	117.8	100.8	97.7	58.6	12.1	11	36	137	68.6	60.3
Rupp	RW 726	24	87.9	97.0	108.7	97.1	97.7	56.6	13.4	0	34	138	68.7	64.5
Rupp	RW 752	24	81.1	88.7	108.4	91.4	92.4	57.6	12.1	0	34	137	70.3	65.3
Rupp	RW 912	24	89.5	93.2	102.9	92.6	94.6	58.7	12.7	3	37	138	70.6	55.7
Rupp	RW 977	24	95.9	102.9	110.1	95.7	101.2	57.0	12.3	1	34	138	68.8	55.0
Seed Consultants	13S22™	23	87.9	86.4	106.6	96.5	94.4	57.7	12.3	5	34	138	70.1	64.5
Seed Consultants	13S26™	23	87.0	102.2	107.5	98.3	98.8	57.9	12.5	6	34	138	72.5	65.7
Seed Consultants	EX 221	23	86.2	100.4	123.8	108.1	104.6*	57.9	12.9	0	34	138	69.3	62.9
Shur Grow	SG-1546S	28	97.2	100.1	106.1	99.3	100.7	57.9	12.8	6	35	138	72.0	67.4
Shur Grow	SG-1551S	28	93.6	100.1	111.8	94.1	99.9	58.5	12.3	6	37	138	68.9	57.8
Shur Grow	SG-1562S	28	90.8	86.0	110.1	101.6	97.1	56.3	13.1	16	35	137	67.6	62.0
Shur Grow	SG-1572S	28	85.2	103.7	109.1	92.1	97.5	58.6	13.3	0	33	139	69.5	61.9
Shur Grow	SG-1582S	28	85.1	83.5	115.2	93.7	94.4	57.5	13.8	11	34	137	70.3	65.4
Strike Genetics	203	25	94.1	87.2	111.4	96.7	97.4	57.2	12.3	9	34	138	71.2	66.1
Strike Genetics	419	25	74.8	103.3	108.5	97.1	95.9	58.7	13.1	1	31	138	66.3	61.0
Strike Genetics	503	25	88.7	92.5	114.4	104.1	99.9	57.5	13.0	6	34	138	71.6	66.7
Synergy	Haubert	26	93.7	90.9	115.0	97.0	99.2	57.8	12.3	6	35	138	72.3	66.7
Synergy	Loyer	26	86.2	95.4	111.9	95.7	97.3	56.5	12.8	3	34	137	69.1	64.2
Synergy	Rylea	26	92.3	95.8	107.0	90.9	96.5	58.6	12.4	3	36	138	69.5	57.1
Synergy	Tyson	26	86.1	89.5	109.9	93.4	94.7	57.9	13.1	6	34	138	69.9	65.1
Wellman	W 300	25	75.5	94.9	109.5	100.9	95.2	57.3	13.1	9	33	137	71.7	61.0
Wellman	W 304	25	89.9	103.6	110.5	102.5	101.6	58.1	12.5	0	35	138	72.4	65.8
Wellman	W 305	25	93.6	105.8	102.9	90.7	98.3	59.3	12.9	0	34	138	73.3	53.1
Wellman	W 313	22	94.0	91.9	108.5	87.0	95.4	58.5	12.4	5	37	138	70.3	56.3
Wellman	W 318	25	94.6	96.8	121.5	104.6	104.4*	57.6	11.9	6	35	138	70.0	62.6
Wellman	W 322	25	81.0	94.4	120.1	101.1	99.2	58.4	11.8	1	36	137	68.3	63.3
Wellman	W 324	25	85.3	90.2	105.6	92.5	93.4	58.1	12.7	0	34	138	70.4	64.3
Wellman	W 326	25	92.8	100.0	116.1	107.4	104.1*	56.4	11.8	11	36	138	71.4	65.8
Wellman	W 328	25	86.0	98.0	116.3	103.3	100.9	57.2	12.4	3	35	138	70.7	64.2
Yerks	Y940	22	89.6	97.0	104.6	92.1	95.8	58.6	12.0	3	36	138	69.6	56.9
Yerks	Y955	22	81.2	87.9	101.2	94.1	91.1	57.6	12.3	1	35	138	70.1	64.1
High		28	97.2	107.8	124.2	111.0	106.5	60.5	14.7	20	39	140	73	67
Average		26	87.1	96.2	111.4	96.8	97.9	58.1	12.5	4	35	138	70	61
Low		18	71.3	82.5	97.6	85.2	91.1	55.4	10.1	0	31	136	65	46
LSD (p = 0.10)			6.1	7.0	6.9	6.4	4.1	0.5			1.2	0.6		
CV			6.0	6.2	5.3	5.7	11.7	3.9			5.3	0.8		

**Highest yielding variety

*Not statistically different from the highest yielding variety.

Table 2. Yield and Agronomic Characteristics of Wheat Varieties Tested in Ohio, 2021-2022.

Brand	Variety	Wood (bu/ac)	Wayne (bu/ac)	Darke (bu/ac)	Pickaway (bu/ac)	Ave. (bu/ac)	Test Wt. (lb/bu)	Lodging %	Height (in)	Head Date
AGI	114	99.7	101.5	91.8	89.5	95.6	58.6	1	35	139
AGI	116B	96.7	100.1	99.1	95.7	97.9	58.9	4	36	138
AGI	217B	105.4	106.2	96.6	100.2	102.1	58.0	0	35	139
AGI	222B	95.4	104.6	101.1	97.3	99.6	58.6	0	34	140
AgriMAXX	AM 454	100.8	104.6	98.4	101.2	101.2	57.7	5	36	138
AgriMAXX	AM 498	99.8	97.3	103.9	96.8	99.4	57.0	3	37	139
AgriMAXX	AM 503	98.8	101.0	97.4	93.6	97.7	58.5	2	37	138
AgriMAXX	AM 505	99.8	103.3	96.8	96.4	99.1	60.2	1	36	138
AgriMAXX	AM 513	102.1	101.4	94.8	101.1	99.9	59.3	2	36	137
AgriMAXX	AM 516	98.1	101.7	97.7	98.0	98.9	58.0	0	35	138
AgriPro	SY 100	101.2	101.2	101.4	104.1	101.9	56.1	0	35	139
AgriPro	SY 547	91.1	104.7	100.6	102.9	99.8	58.1	3	38	137
AgriPro	SY 576	92.1	98.3	90.3	93.7	93.6	57.6	0	36	140
AgriPro	SY Viper	94.4	102.7	90.5	96.5	96.0	59.0	2	39	137
Certified	Kokosing	88.7	98.2	90.9	93.7	92.9	57.7	1	38	136
Certified	Starburst	93.0	107.4	97.6	89.0	96.7	59.3	0	32	139
Certified	Sunburst	94.0	104.2	91.0	92.0	95.3	59.8	0	33	139
Dyna-Gro	9151	97.1	102.7	101.3	97.5	99.6	60.1	2	36	138
Dyna-Gro	9172	97.2	96.9	95.9	98.9	97.2	58.1	1	35	138
Dyna-Gro	9182	102.4	102.3	95.9	89.1	97.4	58.3	1	36	138
Dyna-Gro	9231	101.9	101.0	102.6	101.2	101.7	59.1	5	37	138
Dyna-Gro	9692	105.7	102.7	95.0	104.2	101.9	57.9	6	36	139
Dyna-Gro	9862	100.8	101.3	95.1	92.0	97.3	58.8	0	35	139
Ebberts	920	104.0	102.0	98.7	94.7	99.8	58.2	3	37	138
Ebberts	952	100.5	97.9	95.6	95.7	97.4	58.1	2	34	138
FS Wheat	FS 600	99.5	99.5	104.7	89.6	98.3	59.8	0	35	138
FS Wheat	FS 616	97.8	101.3	98.1	91.8	97.2	59.1	3	36	138
FS Wheat	FS 623	104.7	100.3	95.9	93.3	98.5	58.3	2	37	139
FS Wheat	FS 624	98.5	104.0	103.0	97.3	100.7	58.2	1	37	139
FS Wheat	FS 745	99.9	97.2	98.5	96.7	98.1	58.1	2	34	138
Revere	2148	105.6	97.5	99.3	93.4	98.9	58.1	2	38	138
Revere	2169	99.2	101.7	96.9	99.1	99.2	58.0	0	35	138
Seed Consultants	13S26™	98.2	108.0	96.3	101.7	101.0	57.9	3	36	138
Shur Grow	SG-1546S	105.8	103.5	97.1	98.7	101.2	58.0	3	36	138
Shur Grow	SG-1551S	102.8	102.8	98.1	94.8	99.6	57.9	3	37	138
Strike Genetics	203	101.6	99.1	104.7	98.8	101.0	57.3	4	35	139
Strike Genetics	419	94.4	105.2	99.9	99.6	99.7	58.2	0	33	139
Strike Genetics	503	98.4	100.3	106.0	102.2	101.7	57.5	3	35	139
Synergy	Haubert	104.4	101.9	100.9	100.4	101.9	58.0	3	36	138
Synergy	Tyson	97.4	98.0	98.8	95.9	97.5	57.9	3	35	138
Wellman	W 300	90.4	99.8	95.7	100.1	96.5	57.6	4	34	137
Wellman	W 304	101.4	106.1	98.2	101.9	101.9	58.2	0	36	138
Wellman	W 305	101.4	104.5	89.2	92.6	96.9	58.6	0	35	139

Table 2. Yield and Agronomic Characteristics of Wheat Varieties Tested in Ohio, 2021-2022. (continued)

Brand	Variety	Wood (bu/ac)	Wayne (bu/ac)	Darke (bu/ac)	Pickaway (bu/ac)	Ave. (bu/ac)	Test Wt. (lb/bu)	Lodging %	Height (in)	Head Date
Wellman	W 313	102.7	96.8	94.6	92.9	96.7	57.9	2	37	138
Wellman	W 322	95.4	100.8	102.1	103.4	100.4	59.0	1	37	137
Wellman	W 324	98.2	100.2	95.6	97.1	97.8	58.0	0	35	138
Yerks	Y940	100.4	99.0	91.5	92.4	95.8	58.3	2	37	139
High		105.8	108.0	106.0	104.2	102.1	60.2	6	39	140
Average		99.1	101.5	97.5	96.8	98.7	58.3	2	36	138
Low		88.7	96.8	89.2	89.0	92.9	56.1	0	32	136

Table 3. Yield and Agronomic Characteristics of Wheat Varieties Tested in Ohio, 2020-2022.

Brand	Variety	Wood (bu/ac)	Wayne (bu/ac)	Darke (bu/ac)	Pickaway (bu/ac)	Avg. (bu/ac)	Test Wt. (lb/bu)	Lodging %	Height (in)	Head Date
AGI	114	100.7	103.0	91.0	87.8	95.6	58.9	3	34	140
AGI	217B	106.2	105.9	93.5	98.2	101.0	58.2	1	35	140
AgriMAXX	AM 454	101.8	105.5	96.5	97.8	100.4	58.0	4	35	140
AgriMAXX	AM 498	101.5	99.2	103.9	94.2	99.7	57.2	5	36	140
AgriMAXX	AM 503	98.1	100.0	92.3	88.6	94.7	58.6	7	35	140
AgriMAXX	AM 505	100.5	102.4	95.0	92.4	97.6	60.3	2	35	140
Certified	Kokosing	90.7	100.1	86.9	88.8	91.6	57.5	0	37	137
Certified	Starburst	93.6	107.3	94.6	86.3	95.5	59.6	0	31	140
Certified	Sunburst	94.6	105.1	91.1	86.4	94.3	60.0	0	32	140
Dyna-Gro	9182	101.4	100.3	91.9	85.8	94.9	58.3	7	35	140
Dyna-Gro	9692	105.3	104.3	93.0	99.4	100.5	58.1	5	35	140
Dyna-Gro	9862	99.5	104.2	93.5	89.2	96.6	59.2	2	33	141
Ebberts	920	100.7	101.8	92.8	92.4	96.9	58.4	5	36	140
Ebberts	952	101.2	98.9	93.3	93.4	96.7	58.1	1	33	139
FS Wheat	FS 616	97.5	101.8	95.4	87.7	95.6	59.3	4	35	139
FS Wheat	FS 624	98.3	102.1	97.9	93.2	97.9	58.3	1	36	140
Grow Pro	SY 547	96.6	105.8	99.1	98.7	100.0	58.4	3	37	138
Grow Pro	SY 576	94.0	101.5	93.6	93.7	95.7	57.8	0	35	142
Grow Pro	SY Viper	96.2	104.3	89.7	93.6	96.0	59.3	3	37	138
Revere	2169	99.2	100.2	94.3	94.1	96.9	58.1	1	33	140
Seed Consultants	13S26™	98.8	108.0	95.2	99.5	100.4	57.9	2	35	139
Strike Genetics	203	102.0	99.5	102.9	98.0	100.6	57.3	4	34	140
Strike Genetics	503	100.1	100.0	104.1	98.7	100.7	57.4	3	34	140
Wellman	W 304	101.4	107.4	98.3	99.2	101.6	58.3	1	35	139
Wellman	W 305	99.4	105.8	91.1	90.7	96.8	59.0	0	34	140
Wellman	W 313	102.0	98.6	91.7	89.0	95.3	58.3	4	36	140
Wellman	W 324	99.4	100.4	93.3	91.0	96.0	58.2	0	34	139
Yerks	Y940	101.5	94.4	86.9	88.4	92.8	58.2	6	36	140
High		106.2	108.0	104.1	99.5	101.6	60.3	7	37	142
Average		99.4	102.4	94.4	92.7	97.2	58.4	3	35	140
Low		90.7	94.4	86.9	85.8	91.6	57.2	0	31	137

Table 4. Ohio Wheat Performance Test, 2022 — Seed Source & Seed Treatment

Brand	Producer	Variety	Seed Treatment	Brand	Producer	Variety	Seed Treatment
AGI	Advanced Genetics, Inc. 11491 Foundation Rd., Box 6 Croton, OH 43013 740-893-2501 www.advancedgeneticsinc.com	114	CeresUS IM	Rupp	Rupp Seeds, Inc. 17919 County Rd. B Wauseon, OH 43567 877-591-7333 www.ruppseeds.com	RW 726	CruiserMaxx / Vibrance
		116B	CeresUS IM			RW 752	CeresUS IM
		217B	CeresUS IM			RW 912	Liftoff Stage 2 / Sabrex
		220B	CeresUS IM TBZ			RW 977	Liftoff Stage 2 / Sabrex
		222B	CeresUS IM				
AgriMAXX	AgriMAXX Wheat Company 7167 Highbanks Rd. Mascoutah, IL 62258 855-629-9432 www.agrimaxxwheat.com	AM 454	Prime ST	Seed Consultants	Seed Consultants, Inc. 648 Miami Trace Rd. SW Washington Courthouse, OH 43160 800-708-2676 www.seedconsultants.com	SC 13S22™	Dividend Extreme / Vibrance
		AM 498	Prime ST			SC 13S26™	Dividend Extreme / Vibrance
		AM 503	Prime ST			EX 221	Dividend Extreme / Vibrance
		AM 505	Prime ST				
		AM 513	Prime ST				
		AM 516	Prime ST				
		AM 525	Prime ST				
EXP 2105	Prime ST						
Albert Lea	Albert Lea Seed P.O. Box 127 1414 W. Main Street Albert Lea, MN 56007 800-352-5247 www.alseed.com	Viking	CruiserMaxx / Vibrance	Strike Genetics	Burtch Seed Co., Inc. 4742 Tama Rd. Celina, OH 45822 419-363-3713 www.burtchseed.com	203	Vibrance Extreme
		801				419	Vibrance Extreme
Certified	Ohio Seed Improvement Assn. 6150 Avery Rd., Box 477 Dublin, OH 43017 614-889-1136 www.ohseed.org	Kokosing	CeresUS IM	Synergy	Synergy Ag 6150 N. County Rd. 33 Tiffin, OH 44883 419-618-8428 www.synergyagseeds.com	Haubert	Surestand ST
		Starburst	CeresUS IM			Loyer	Surestand
		Sunburst	CeresUS IM			Rylea	Surestand
Dyna-Gro	Dyna-Gro Seed 8947 County Rd. 84 Findlay, OH 45840 419-859-2131 www.dynagroseed.com	9151	Awaken ST / Foothold Virock	Wellman	Wellman Seeds, Inc. 23778 Delphos Jennings Rd. Delphos, OH 45833 800-717-7333 www.wellmanseeds.com	W 300	Encase
		9172	Awaken ST / Foothold Virock			W 304	Encase
		9182	Awaken ST / Foothold Virock			W 305	Encase
		9231	Awaken ST / Foothold Virock			W 313	Encase
		9352	Awaken ST / Foothold Virock			W 318	Encase
		9692	Awaken ST / Foothold Virock			W 322	Encase
		9862	Awaken ST / Foothold Virock			W 324	Encase
		WX22741	Awaken ST / Foothold Virock			W 326	Encase
		WX22793	Awaken ST / Foothold Virock			W 328	Encase
		Ebberts	Ebberts Field Seeds Inc. 6840 N. State Route 48 Covington, OH 45318 973-473-2521 www.ebbertsseeds.com			920	Vibrance Extreme
945	Vibrance Extreme			Y 955	CeresUS IM		
952	Vibrance Extreme						
985	Vibrance Extreme						
FS Wheat	GROWMARK, Inc. 1701 Towanda Avenue Bloomington, IL 61701 309-557-6000 www.fsseeds.com	FS 600	Vibrance Extreme / Insecticide				
		FS 616	Vibrance Extreme / Insecticide				
		FS 623	Vibrance Extreme / Insecticide				
		FS 624	Vibrance Extreme / Insecticide				
		FS 745	Vibrance Extreme / Insecticide				
		WX22A	Vibrance Extreme / Insecticide				
Grow Pro	Grow Pro Genetics 375 N Old Route US 66 Hamel, IL 62046 815-370-3291 www.growprogenetics.com	GP 381	CruiserMaxx / Vibrance				
		GP 463	CruiserMaxx / Vibrance				
		GP 747	CruiserMaxx / Vibrance				
		SY 100	CruiserMaxx / Vibrance				
		SY 547	CruiserMaxx / Vibrance				
		SY 576	CruiserMaxx / Vibrance				
KWS	KWS Cereals 4101 Colleen Dr. Champaign, IL 61822 217-800-1008 www.kws.com	KWS 386	Cruiser 5FS / Vibrance Extreme				
		KWS 394	Cruiser 5FS / Vibrance Extreme				
		KWS 398	Cruiser 5FS / Vibrance Extreme				
		KWS 414	Cruiser 5FS / Vibrance Extreme				
		KWS 415	Cruiser 5FS / Vibrance Extreme				
		KWS 419	Cruiser 5FS / Vibrance Extreme				
Revere	Local Seed Company, LLC 802 Rozelle Street Memphis, TN 38104 901-260-6000 www.localseed.com	2148	Radius Premium				
		2169	Radius Premium				
		2277	Radius Premium				
Ruff's	Ruff's Seed Farms 3870 Ruff Road Amanda, OH 43102 740-969-2600 www.ruffseedfarms.com	Grant	CeresUS				
		Reagan	CeresUS				