

ILLINOIS WHEAT ASSOCIATION

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Wheat Productivity Indexes – 2019

Forty Third Year

Harvested wheat area in Illinois was estimated to be 590,000 acres, an increase over the 550,000 acres of the previous year. In July the USDA's estimate of average yield was 63 bushels per acre, but that was increased to 65 bushels in August. The state's total production was 4 percent higher than 2018.

Fall wheat plantings were interrupted by rains. One of the coldest springs on record delayed the wheat crop development about ten days. April rains disrupted nitrogen applications and May rains affected fungicide applications. In spite of the rains, Fusarium head blight was not as severe as feared. Rains again in June hampered timely harvests.

Two crucial elements in reducing Fusarium head blight effects on yield and grain quality are choosing a variety with a high degree of tolerance and using the best fungicide at the correct time. The check varieties that Fred Kolb and Olivia Jones used in the 2019 FHB evaluation trials are an example that variety selection matters. The lower their rating, the less the severity of the disease. The checks that they used and the resulting ratings were: Susceptible check – Pioneer 25R47 6.6; Moderate resistance check - IL07-4415 3.1; and Resistant check IL07-18228 1.9. We are pleased to include in the Illinois and Kentucky reports each variety's FHB rating.

The purpose of this report is to provide an opportunity to learn about new varieties available in the three-state area. The following pages provide the 'productivity indexes' for varieties in performance trials in Illinois, Kentucky and Missouri for the period of 2016-2019. The index system compares yield results on the basis of percentage of yield rather than bushels as an easier way to evaluate one variety against another. A score of 100 is the average for all varieties. Use the information only as a guide. Seek additional references as a way to learn more about a variety. If you have a computer, search for the university trials in Illinois and surrounding states.

In this report, the information is more reliable when a variety is found in a number of locations and for more than one year.

We thank Darin Joos and Dr. Emerson Nafziger, University of Illinois; Dr William Wiebold, University of Missouri; and Dr. Bill Bruening, University of Kentucky, for the data from the university performance trials. Dr. Fred Kolb and provided the Fusarium head blight (scab) evaluations for Illinois.

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Southern Illinois Productivity Indexes for Wheat Varieties 2019, 2018, 2017, 2016.

SOURCE OF YIELD DATA: University of Illinois Department of Crop Sciences Special Reports
"WHEAT PERFORMANCE IN ILLINOIS TRIALS - 2019, 2018, 2017, 2016".

By Darin K. Joos and Emerson D. Nafzoger.

Report includes 2 locations 2016 and 2019 and 3 locations in 2017 and 2018.

The greater the number of locations and number of years on test, the greater the reliability of the information.

Test weights were the average of the two U. of I. locations for 2019.

2019 Fusarium Head Blight (Scab) resistance evaluation: Fred Kolb and Olivia Jones. Varieties with greater resistance have lower numbers.

COMPANY	CULTIVAR	Composite Index		2019 INDEX	2018 INDEX	2017 INDEX	2016 INDEX	2019 T.Wt.	Scab Resist. 2019
		2016-2019 INDEX	NO. LOC.						
PRIVATE VARIETIES:									
AgriMAXX Wheat Co.	444	106.0	10	99.7	107.4	107.6	107.7	56.5	5.3
AgriMAXX Wheat Co.	454	103.4	10	101.1	108.6	104.0	97.2	54.1	4.7
AgriMAXX Wheat Co.	463	104.2	10	98.8	97.4	111.7	108.5	55.0	3.1
AgriMAXX Wheat Co.	473	100.7	8	97.6	100.0	103.5		56.3	3.5
AgriMAXX Wheat Co.	475	100.0	8	103.7	100.6	96.8		56.2	4.3
AgriMAXX Wheat Co.	485	97.3	8	87.8	98.5	102.4		56.3	4.5
AgriMAXX Wheat Co.	486	100.2	8	106.8	98.5	97.5		54.9	5.1
AgriMAXX Wheat Co.	495	103.0	2	103.0				55.0	4.7
AgriMAXX Wheat Co.	Exp 1902	102.9	2	102.9				53.0	5.6
AgriMAXX Wheat Co.	Exp 1905	92.8	2	92.8				55.4	
AgriMAXX Wheat Co.	Exp 1906	94.6	2	94.6				52.9	8.3
AgriMAXX Wheat Co.	Exp 1913	97.3	2	97.3				57.8	5.8
AgriPro	SY100	104.3	5	104.7	104.1			55.0	5.8
AgriPro	SY 547	97.4	5	96.4	98.1			56.9	5.7
AgriPro	SY 576	105.8	2	105.8				54.6	
AgriPro	SY Viper	101.9	2	101.9				58.9	6.4
BioTown Seeds	Diener 491W	102.7	2	102.7				56.5	4.4
BioTown Seeds	Diener 497W	104.0	5	98.8	107.4			54.2	4.1
BioTown Seeds	Diener 510W	101.9	8	93.3	103.1	106.4		54.3	3.8
BioTown Seeds	Diener XW1902W	95.3	2	95.3				56.7	5.6
Corteva Pioneer	Pioneer 25R61	105.3	8	110.8	103.6	103.3		56.2	3.5
Corteva Pioneer	Pioneer 25R74	104.9	8	106.9	105.1	103.4		54.0	4.5
Corteva Pioneer	Pioneer 25R77	102.1	10	106.6	96.6	102.5	105.1	57.1	4.9
Cropland	SRW 8550	98.8	5	94.2	101.8			55.1	3.9
Cropland	SRW 8800	39.8	5	99.6				54.3	5.4
Cropland	SRW 9415	103.3	8	106.0	107.9	96.8		53.6	7.0
Cropland	SRW 9606	109.6	8	114.6	110.1	105.8		54.7	6.0
Dyna-Gro	9522	107.0	10	108.3	103.1	107.5	110.9	56.5	5.2
Dyna-Gro	9701	100.8	8	101.0	102.0	99.5		57.1	4.3
Dyna-Gro	9750	103.0	8	98.5	98.6	110.5		54.9	3.2
Dyna-Gro	9862	98.4	8	90.6	96.6	105.5		54.8	3.7
Dyna-Gro	9932	103.8	5	106.1	102.2			57.4	4.8
Dyna-Gro	9941	105.2	5	102.1	107.2			53.8	5.3
Dyna-Gro	9980	97.2	5	95.0	98.7			57.7	4.2
Dyna-Gro	WX18416	103.4	2	103.4				55.3	5.9
Dyna-Gro	WX19713	102.6	2	102.6				56.7	3.6

COMPANY	CULTIVAR	2016-2019	NO.	2019	2018	2017	2016	2019	Scab Resist.
		INDEX	LOC.	INDEX	INDEX	INDEX	INDEX	T.Wt.	2019
Dyna-Gro	WX19714	93.8	2	93.8				53.5	3.8
Go Wheat	2058	98.1	2	98.1				56.9	5.8
Go Wheat	EXP18-1	90.2	2	90.2				54.9	3.3
Go Wheat	EXP18-2	100.0	2	100.0				54.8	7.6
GROWMARK	FS 599	100.7	5	99.2	101.7			56.3	4.5
GROWMARK	FS 601	98.3	5	93.7	101.4			52.3	5.0
GROWMARK	FS 603	102.3	5	105.2	100.4			56.1	4.4
GROWMARK	FS 604	95.3	10	98.8	94.1	93.5	96.5	57.3	2.8
GROWMARK	FS 615	107.4	10	110.0	104.8	104.0	113.6	54.4	4.2
GROWMARK	FS 624	103.3	10	104.3	105.8	97.3	107.7	55.0	7.4
GROWMARK	WX19A	108.8	2	108.8				55.8	6.0
GROWMARK	WX19B	103.5	2	103.5				55.7	6.7
Hoffman Seed House	H7W15	102.7	10	101.3	101.7	98.6	111.8	57.3	4.5
Hoffman Seed House	H7W16	95.5	8	86.8	96.0	100.9		56.8	6.6
Hoffman Seed House	H7W19	103.5	2	103.5				51.0	7.7
Hoffman Seed House	H7W28	98.8	5	89.8	104.8			56.6	5.5
Kitchen Seed Company	KSC 416W	96.2	8	100.6	92.4	97.0		57.8	5.6
Kitchen Seed Company	KSC 417W	100.3	8	104.7	105.2	92.4		56.9	6.4
Kitchen Seed Company	KSC 418W	104.6	5	104.2	104.8			56.7	5.8
KWS Cereals	KWS 19X03	94.6	2	94.6				56.0	7.0
KWS Cereals	KWS 19X07	102.9	2	102.9				56.9	7.0
KWS Cereals	KWS 19X09	106.6	2	106.6				53.6	6.8
Limagrain Cereal Seeds	AMMO	90.3	5	87.3	92.3			56.2	5.6
Limagrain Cereal Seeds	L11548	106.8	5	106.1	107.3			55.0	8.5
Limagrain Cereal Seeds	L11713	91.3	2	91.3				56.6	6.6
Post Harvest	286	90.0	2	90.0				56.7	4.2
Post Harvest	317	85.2	2	85.2				56.3	3.7
UniSouth Genetics, Inc.	USG 3329	103.7	5	103.8	103.6			55.7	5.9
UniSouth Genetics, Inc.	USG 3404	104.3	10	104.0	105.2	100.3	109.2	53.9	4.1
UniSouth Genetics, Inc.	USG 3536	96.3	2	96.3				55.7	3.5

Northern Illinois Productivity Indexes For Wheat Varieties 2019, 2018, 2017, 2016.

SOURCE OF YIELD DATA: University of Illinois Department of Crop Sciences Special Reports
"WHEAT PERFORMANCE IN ILLINOIS TRIALS 2019, 2018, 2017, 2016".

By Darin K. Joos and Emerson D. Nafziger.

2019 data from two U. of I. trial locations in northern Illinois: Perry and Hampshire.

Report includes 2 locations in 2016, 2018, 2019 and 3 locations in 2017.

The greater the number of locations and years for a variety, the more reliable the information.

Test weights were the average of the two University of Illinois locations in northern Illinois in 2019.

2019 Fusarium Head Blight (Scab) resistance evaluation: Fred Kolb and Olivia Jones. Varieties with greater resistance have lower numbers.

COMPANY	CULTIVAR	Composite Index		2019 INDEX	2018 INDEX	2017 INDEX	2016 INDEX	2019 T.Wt.	Scab Resist. 2019
		2016-2019 INDEX	NO. LOC.						
AgriMAXX	413	106.5	9	99.6	104.8	106.3	115.3	54.5	6.9
AgriMAXX	438	103.3	9	96.9	93.2	110.4	109.3	57.0	5.6
AgriMAXX	444	97.4	2	97.4				56.4	5.3
AgriMAXX	463	101.1	9	100.8	97.7	98.5	108.8	58.9	3.1
AgriMAXX	473	101.9	4	103.2	100.6			57.8	3.5
AgriMAXX	475	101.0	7	102.5	106.1	96.7		59.3	4.3
AgriMAXX	485	96.9	7	97.3	98.1	95.9		58.4	4.5
AgriMAXX	486	102.7	7	103.0	95.5	107.2		56.6	5.1
AgriMAXX	495	105.7	2	105.7				59.3	4.7
AgriMAXX	Exp 1902	97.0	2	97.0				57.2	5.6
AgriMAXX	Exp 1905	98.6	2	98.6				58.3	
AgriPro	SY 100	98.7	4	98.9	98.5			57.1	5.8
AgriPro	SY 547	101.3	4	99.4	103.2			57.6	5.7
AgriPro	SY 576	102.7	2	102.7				57.0	
AgriPro	SY Viper	104.0	2	104.0				59.9	6.4
Corteva Pioneer	Pioneer 25R25	105.7	9	101.6	107.9	104.9	108.9	57.9	3.6
Corteva Pioneer	Pioneer 25R40	104.5	9	102.2	104.0	104.2	107.7	57.1	5.5
Corteva Pioneer	Pioneer 25R61	107.3	7	110.6	106.9	105.4		60.9	3.5
Corteva Pioneer	Pioneer 25R74	102.8	7	103.0	108.0	99.2		56.0	4.5
DeRaedt Seed	DeRaedt 11	104.9	9	98.4	100.3	108.1	111.3	56.3	6.2
DeRaedt Seed	DeRaedt 17	100.2	2	100.2				58.7	5.4
DeRaedt Seed	DeRaedt 24	104.9	2	104.9				58.8	4.9
Dyna-Gro	9701	100.5	7	103.6	102.1	97.3		58.5	4.3
Dyna-Gro	9862	97.3	7	95.7	99.1	97.2		57.0	3.7
Dyna-Gro	9932	104.8	4	102.0	107.5			59.3	4.8
Dyna-Gro	9941	98.0	4	98.8	97.1			55.3	5.3
Dyna-Gro	WX19711	99.8	2	99.8				59.4	4.4
Green Valley	GV619	107.1	2	107.1				59.4	4.8
Green Valley	GV658	98.9	4	97.8	100.0			57.8	3.5
Green Valley	GV668	107.0	4	105.1	108.9			59.2	5.0
Green Valley	GV679	100.4	2	100.4				59.5	4.6
Green Valley	67X	105.4	2	105.4				57.5	4.0
Green Valley	68X	104.8	2	104.8				56.6	3.6
GROWMARK, Inc.	FS 599	98.6	4	98.3	99.0			60.2	4.6

<u>COMPANY</u>	<u>CULTIVAR</u>	<u>2016-2019</u> <u>INDEX</u>	<u>NO.</u> <u>LOC.</u>	<u>2019</u> <u>INDEX</u>	<u>2018</u> <u>INDEX</u>	<u>2017</u> <u>INDEX</u>	<u>2016</u> <u>INDEX</u>	<u>2019</u> <u>T.Wt.</u>	<u>Scab Resist.</u> <u>2019</u>
GROWMARK, Inc.	FS 601	96.6	4	97.4	95.8			57.5	5.0
GROWMARK, Inc.	FS 603	104.6	4	106.0	103.2			57.9	4.4
GROWMARK, Inc.	FS 604	97.1	9	93.4	105.6	94.2	96.5	58.1	2.8
GROWMARK, Inc.	FS 615	105.1	9	102.8	104.9	107.0	104.8	57.6	4.2
GROWMARK, Inc.	FS 624	101.4	9	98.7	102.2	96.5	110.8	58.3	7.4
GROWMARK, Inc.	WX19A	103.1	2	103.1				58.2	6.0
GROWMARK, Inc.	WX19B	96.5	2	96.5				57.3	6.7
Kitchen Seed Company	KSC 416W	98.4	7	99.5	94.7	100.2		58.9	5.6
Kitchen Seed Company	KSC 417W	97.8	7	100.0	96.3	97.3		57.8	6.4
Kitchen Seed Company	KSC 418W	96.3	4	98.7	94.0			57.0	5.8
Kratz Farms	KF 553	91.8	2	91.8				58.9	3.0
Kratz Farms	KF 667	97.4	2	97.4				57.8	4.6
Kratz Farms	KF 727	97.6	4	94.8	100.4			57.8	7.4
Kratz Farms	KF 15241	97.7	2	97.7				58.3	3.2
Kratz Farms	KF 15334	86.9	4	90.8	82.9			58.9	2.8
Kratz Farms	KF 15639	101.6	2	101.6				59.0	5.3
KWS Cereals	KWS19X03	103.9	2	103.9				55.6	7.0
KWS Cereals	KWS19X07	95.9	2	95.9				57.9	7.0
KWS Cereals	KWS19X09	97.9	2	97.9				59.1	
Lewis Hybrids, Inc.	Lewis 828	96.8	9	94.9	100.4	98.3	92.7	57.4	6.2
Lewis Hybrids, Inc.	Lewis 829	102.7	2	102.7				56.5	6.7
Lewis Hybrids, Inc.	Lewis 833	95.7	7	92.8	97.6	96.4		57.7	4.9
Lewis Hybrids, Inc.	Lewis 839	100.5	9	102.1	99.5	97.1	105.0	59.9	6.4
Lewis Hybrids, Inc.	Lewis 851	94.3	4	99.1	89.4			58.4	4.6
Lamagrain	L11719	100.1	2	100.1				57.9	5.4
Monier Seeds, Inc.	MW857	101.9	2	101.9				56.6	6.4
ProHarvest	286	94.9	2	94.9				60.2	4.2
ProHarvest	317	98.1	2	98.1				57.8	3.7
Pro Seed Genetics	PRO 410	102.4	9	98.6	111.0	99.3	102.4	58.1	7.6

University of Kentucky Productivity Indexes for Wheat Varieties 2019, 2018, 2017.

SOURCE OF YIELD DATA: University of Kentucky Department of Agronomy Progress Reports, "KENTUCKY SMALL GRAIN VARIETY TRIALS" for 2019, 2018, 2017.

By B. Bruening, M. Piersawl, S. Swanson, J. Connelley, G. Olson and D. Van Sanford.

The Kentucky data includes 5 conventional and 2 no-til trials in 2017, 6 conventional and 1 no-til trial in 2018, and 6 conventional and 1 no-til trial in 2019.

Test weights and heading dates indexes were the averages for all seven test sites in 2019.

Scab disease rating scale: 1 = resistant; 9 = susceptible. (Woodford Co. & Princeton, KY)

COMPANY	CULTIVAR	Composite Index							
		2017-2019 INDEX	No. LOC.	2019 INDEX	2018 INDEX	2017 INDEX	2019 T. Wt.	2019 Heading >April 1	2019 Scab
PUBLIC VARIETIES:									
(Missouri)	Bess	94.2	14	89.9	98.5		60.2	26	2.9
(Missouri-2003)	Truman	89.6	21	93.9	88.3	86.7	58.5	32	2.1
Kentucky Experimental	KY06C-1178-16-10-3-34	100.3	14	102.4	98.2		59.3	26	3.9
Kentucky Experimental	KY07C-1145-94-12-5	99.0	21	101.1	99.0	96.9	59.6	24	4.9
Kentucky Experimental	KY09C-1245-99-1-5	99.9	7	99.9			60.7	25	4.8
Kentucky Experimental	KY09C-1245-99-12-3	100.8	21	100.4	97.9	104.1	59.3	24	5.0
Kentucky Experimental	KY10-0178-1-2-5	98.4	7	98.4			60.7	25	2.4
Kentucky Experimental	X10-0594-7-1-3	97.8	7	97.8			59.2	25	7.5
Kentucky Experimental	X11-0420-120-13-3	100.9	7	100.9			59.2	26	4.6
Kentucky Experimental	X12-619-205-14-1	96.8	7	96.8			60.1	25	3.0
Kentucky Experimental	X12-3010-3-5-3	99.9	7	99.9			58.9	25	5.5
Virginia Tech	DH12SRW056-058	97.5	7	97.5			59.3	25	4.6
Virginia Tech	DH12SRW057-006	91.7	7	91.7			60.9	25	5.8
PRIVATE VARIETIES:									
AgriMAXX Wheat Co.	AgriMAXX 454	107.3	21	103.2	109.5	109.3		27	3.5
AgriMAXX Wheat Co.	AgriMAXX 463	99.3	21	96.2	99.1	102.7	58.1	24	1.4
AgriMAXX Wheat Co.	AgriMAXX 473	101.8	21	101.0	100.3	104.2	58.9	26	3.1
AgriMAXX Wheat Co.	AgriMAXX 485	103.5	21	98.3	105.4	106.7	59.5	28	2.9
AgriMAXX Wheat Co.	AgriMAXX 486	103.3	21	98.8	106.5	104.7	59.1	27	3.0
AgriMAXX Wheat Co.	AgriMAXX 495	97.5	7	97.5			59.4	26	3.5
AgriMAXX Wheat Co.	AgriMAXX Exp 1902	103.0	7	103.0			59.1	27	3.9
AgriMAXX Wheat Co.	AgriMAXX Exp 1906	97.6	7	97.6			59.9	24	6.8
AgriMAXX Wheat Co.	AgriMAXX Exp 1913	101.4	7	101.4			60.3	23	5.5
Armor Seeds	ARMOR MAYHEM	100.9	14	101.2	100.7		59.0	26	3.0
Armor Seeds	ARMOR RAGE	107.9	21	106.9	108.2	108.5	59.3	27	3.6
Armor Seeds	ARMOR SPIRIT	100.0	7	100.0			60.1	23	4.1
Armor Seeds	ARMOR VELOCITY	100.1	7	100.1			59.4	25	3.0
Armor Seeds	ARMOR VENOM	93.3	7	93.3			59.2	27	3.5
Armor Seeds	Armor ARW 1766	101.5	14	99.0	104.0		60.5	24	6.5
Armor Seeds	Armor ARW 1815	103.4	7	103.4			61.3	27	3.6
Armor Seeds	Armor ARW 1816	102.4	7	102.4			57.9	27	3.0
Armor Seeds	Armor ARW 1819	99.8	7	99.8			58.9	26	5.4
Corteva Pioneer	Pioneer 26R10	106.4	21	103.9	105.2	110.1	58.7	26	5.8
Corteva Pioneer	Pioneer 26R36	105.0	21	104.8	104.0	106.3	59.6	26	3.5
Corteva Pioneer	Pioneer 26R41	101.4	21	100.7	98.7	104.7	59.1	26	5.6
Corteva Pioneer	Pioneer 26R45	100.5	14	102.6	98.4		57.3	26	3.6

COMPANY	CULTIVAR	2017-2019		2019	2018	2017	2019	2019	2019
		INDEX	No. LOC.	INDEX	INDEX	INDEX	T. Wt.	Heading	Scab
Corteva Pioneer	Pioneer 26R59	107.7	21	107.7	105.4	109.9	58.3	25	5.3
Dyna-Gro Seed	Dyna-Gro 9701	102.8	21	101.2	104.2	103.1	58.9	27	3.3
Dyna-Gro Seed	Dyna-Gro 9862	102.7	21	97.6	104.4	106.2	59.8	28	3.3
Dyna-Gro Seed	Dyna-Gro 9932	101.4	14	99.7	103.0		60.1	26	4.0
Dyna-Gro Seed	Dyna-Gro 9941	103.0	14	103.3	102.8		58.4	26	3.6
Dyna-Gro Seed	Dyna-Gro 9980	91.5	7	91.5			59.3	24	2.5
Dyna-Gro Seed	Dyna-Gro WX 18416	102.6	7	102.6			59.1	25	3.8
Dyna-Gro Seed	Dyna-Gro WX 19711	102.6	7	102.6			59.8	26	2.6
Dyna-Gro Seed	Dyna-Gro WX 19713	106.0	7	106.0			61.0	27	3.1
Dyna-Gro Seed	Dyna-Gro WX 19714	105.0	7	105.0			57.6	26	3.1
Kentucky American Seeds	KAS Lincoln	100.1	14	95.9	104.2		59.7	28	2.6
Kentucky American Seeds	KAS Roosevelt	102.2	14	101.6	102.8		58.4	26	4.4
Kentucky American Seeds	KAS Truman 18X6	100.8	14	99.5	102.1		59.9	27	3.9
Kentucky American Seeds	KAS 19X9EX	99.6	7	99.6			59.6	24	3.5
KWS Seeds	KWS 19X03	97.0	7	97.0			58.5	28	5.6
KWS Seeds	KWS 19X09	104.8	7	104.8			58.1	24	5.6
KY Small Grains Growers	PEMBROKE 2008	92.6	21	94.1	91.6	92.2	59.6	24	5.6
KY Small Grains Growers	PEMBROKE 2014	94.7	21	95.4	95.5	93.2	59.5	23	3.6
KY Small Grains Growers	PEMBROKE 2016	98.5	21	99.4	97.4	98.6	59.0	24	4.1
Limagrain Cereal Seeds	LCS L11713	101.6	7	101.6			60.4	23	4.6
Limagrain Cereal Seeds	LCS L11719	100.0	14	100.9	99.1		58.8	26	5.5
LOCAL SEED	LOCAL LW 2848	99.4	7	99.4			58.7	26	3.0
LOCAL SEED	LOCAL LW 2867	95.6	7	95.6			59.4	29	2.5
LOCAL SEED	LOCAL LW 2937	101.7	7	101.7			58.6	26	3.9
LOCAL SEED	LOCAL LW 2958	96.9	7	96.9			59.9	27	3.8
LOCAL SEED	LOCAL LW 2Ex19D	99.3	7	99.3			59.2	26	5.8
Progeny AG Products	Progeny #Blaze	101.8	14	99.1	104.5		58.1	26	4.6
Progeny AG Products	Progeny #Bullet	103.0	21	101.7	102.1	105.1	58.9	27	3.3
Progeny AG Products	Progeny #Warrior	102.7	21	102.3	100.3	105.4	58.3	24	5.0
Progeny AG Products	Progeny PGX 17-16	97.7	7	97.7			60.2	26	3.9
Progeny AG Products	Progeny PGX 18-2	100.4	7	100.4			60.5	23	4.6
Progeny AG Products	Progeny PGX 18-8	98.9	7	98.9			59.2	26	5.3
Stratton Seed	Go Wheat 2058	103.5	21	104.8	98.2	107.4	59.5	25	5.9
Stratton Seed	Go Wheat 2059	99.1	21	96.7	97.9	102.7	58.3	24	1.5
Stratton Seed	Go Wheat EXP18-1	97.2	7	97.2			59.7	29	2.9
Stratton Seed	Go Wheat EXP18-2	102.1	7	102.1			58.8	25	4.4
Sygenta Seeds	SX 8146	100.2	7	100.2			58.3	30	2.9
Sygenta Seeds	SX 8186	97.9	7	97.9			57.9	22	5.0
Sygenta Seeds	SY 100	102.2	21	102.6	98.0	105.9	56.1	26	4.8
Sygenta Seeds	SY 547	98.7	21	97.4	105.2	93.5	58.9	25	5.9
Sygenta Seeds	SY VIPER	100.7	21	100.0	105.1	97.1	59.8	24	4.8
UniSouth Genetics	USG 3316	106.5	21	105.0	109.9	104.7	59.1	27	3.3
UniSouth Genetics	USG 3329	101.1	14	99.4	102.8		58.2	26	4.4
UniSouth Genetics	USG 3404	104.5	21	103.4	103.2	106.8	58.7	28	4.1
Windfield	CROPLAN CP8550	102.7	21	101.2	101.4	105.4	58.9	26	3.0
Windfield	CROPLAN CP8800	100.0	7	100.0			58.2	26	4.9
Windfield	CROPLAN 9415	104.0	21	97.8	104.5	109.8	58.9	26	6.0
Windfield	CROPLAN 9606	101.3	21	98.4	101.0	104.6	57.7	25	5.6

University of Missouri

Productivity Indexes for Wheat Varieties

2019, 2018, 2017.

SOURCE OF YIELD DATA: Missouri Agricultural Experiment Station Special Reports

by W. J. Wiebold, J. Nichols, W. Knuckles, M. Wieberg, and C. Miller.

The Missouri trials were at 8 locations in 2019 and 10 locations in 2017 and 2018.

The greater the number of total locations, the greater the reliability of the information.

BRAND/VARIETIES	Composite Index		2019		2018		2107	
	2016-2018 INDEX	NO. LOC.	INDEX	No. Loc.	INDEX	No. Loc.	INDEX	No. Loc.
PUBLIC VARIETIES:								
MO Crop Imp. MOMEX 4074	101.1	8	101.1	8				
MO Crop Imp. MOMEX 4075	97.2	8	97.2	8				
MO Crop Imp. MOMEX 4395	93.5	8	93.5	8				
VA Hillard	103.7	28	99.7	8	104.7	10	105.8	10
VA Liberty 5658	90.6	8	90.6	8				
PRIVATE BRANDS:								
AgriMaxx 415	99.2	26	93.7	6	103.2	10	98.4	10
AgriMaxx 444	105.0	26	96.5	6	105.5	10	109.5	10
AgriMaxx 463	98.3	28	99.2	8	93.7	10	102.1	10
AgriMaxx 473	105.2	28	100.3	8	102.2	10	112.0	10
AgriMaxx 475	105.2	25	103.8	8	100.4	10	113.7	7
AgriMaxx 485	97.5	2	97.5	2				
AgriMaxx 486	100.2	22	93.5	8	106.5	4	103.1	10
AgriMaxx 495	104.5	8	104.5	8				
AgriMaxx Exp 1906	104.0	8	104.0	8				
AgriMaxx Exp 1902	90.3	4	90.3	4				
AgriMaxx Exp 1913	98.2	8	98.2	8				
AgriPro SY 100	101.5	8	101.5	8				
AgriPro SY 547	98.9	8	98.9	8				
AgriPro SY 8146	95.8	8	95.8	8				
AgriPro SY Viper	92.6	8	92.6	8				
AGS 2024	99.7	4	99.7	4				
AGS 2055	99.7	16	82.8	4	105.8	6	104.9	6
Armor Mayhem	109.5	8	107.8	2	103.3	3	116.9	3.0
Armor Spirit	101.6	2	101.6	2				
Armor Voodoo	120.0	2	120.0	2				
Armor Venom	84.3	2	84.3	2				
Armor ARW1766	98.8	2	98.8	2				
Armor ARW1816	100.9	2	100.9	2				
Armor ARW1815	93.5	2	93.5	2				
Armor ARW1819	87.6	2	87.6	2				
Corteva Pioneer 25R40	101.9	20	94.9	6	101.9	7	107.9	7
Corteva Pioneer 25R50	97.2	20	99.3	6	93.9	7	98.7	7
Corteva Pioneer 25R74	102.1	20	102.5	6	107.5	7	96.2	7
Corteva Pioneer 25R77	98.1	20	105.6	6	93.4	7	96.5	7
Corteva Pioneer 26R10	101.9	8	102.6	2	99.3	3	104.0	3
Corteva Pioneer 26R36	104.3	8	101.4	2	102.9	3	107.6	3
Corteva Pioneer 26R41	106.3	8	109.0	2	106.2	3	104.6	3
Corteva Pioneer 26R45	102.4	2	102.4	2				
Corteva Pioneer 26R59	106.4	8	108.7	2	107.4	3	103.8	3
Corteva Pioneer 26R61	107.0	17	108.1	6	102.5	7	113.4	4
Delta Grow 1000	105.4	8	99.4	2	107.9	3	107.0	3
Delta Grow 3500	100.1	8	103.6	2	103.7	3	94.2	3

BRAND/VARIETIES	2016-2018		2019		2018		2107	
	INDEX	NO. LOC.	INDEX	No. Loc.	INDEX	No. Loc.	INDEX	No. Loc.
Delta Grow EXP 1400	99.7	2	99.7	2				
Dixie Bentley	100.5	8	101.9	2	108.0	3	92.1	3
Dixie Brown	110.9	8	104.9	2	108.9	3	116.8	3
Dixie Jones	93.8	5	91.1	2	95.6	3		
Dixie DXEX 18-1	100.2	5	96.9	2	102.3	3		
Dixie DXEX 18-2	101.4	2	101.4	2				
Dixie DXEX 19-1	98.8	2	98.8	2				
Dyna-Gro 9522	106.2	28	105.3	8	103.7	10	109.5	10
Dyna-Gro 9701	104.6	28	107.1	8	101.9	10	105.3	10
Dyna-Gro 9862	99.8	12	99.7	2	99.8	10	101.8	
Dyna-Gro 9932	100.0	16	92.6	6	104.4	10		
Dyna-Gro 9941	110.1	8	110.1	8				
Dyna-Gro WX18416	103.0	8	103.0	8				
Dyna-Gro WX19711	120.7	2	120.7	2				
Dyna-Gro WX19713	107.0	8	107.0	8				
Dyna-Gro WX19714	104.5	8	104.5	8				
Go Wheat GW 2058	105.0	21	94.9	8	111.3	10	111.3	3
Go Wheat GW 2059	92.7	24	89.9	8	90.1	10	101.0	6
Go Wheat GW EXP 18-1	93.4	8	93.4	8				
Go Wheat GW EXP 18-2	100.9	8	100.9	8				
Green Valley GV 619	108.7	4	108.7	4				
Green Valley GV 658	95.9	8	97.3	4	94.5	4		
Green Valley GV 668	108.5	8	101.6	4	115.5	4		
Green Valley GV 679	105.8	4	105.8	4				
Green Valley GV 68X	100.7	4	100.7	4				
Green Valley GV 97X	111.1	4	111.1	4				
Krause K-0202 SRW	110.9	2	110.9	2				
Krause K-0203 SRW	103.2	2	103.2	2				
Krause K-7102 SRW	109.4	16	113.4	6			107.1	10
Krause K-8102 SRW	99.0	16	102.2	6	97.1	10		
Krause K-9102 SRW	102.0	6	102.0	6				
Krause K-9103 SRW	101.7	6	101.7	6				
KWS Cereals KWS 19X03	93.8	8	93.8	8				
KWS Cereals KWS 19X09	107.3	8	107.3	8				
Lewis 828	93.0	20	97.1	6	97.7	7	84.8	7
Lewis 829	93.3	20	85.6	6	91.8	7	101.3	7
Lewis 833	95.4	15	93.9	6	96.5	7	95.8	2
Lewis 839	98.1	20	94.4	6	100.5	7	99.0	7
Lewis 851	97.1	16	102.5	6	94.2	7	93.3	3
Limagrain L11713	101.7	13	100.3	6	102.9	7		
Limagrain L11719	104.5	18	103.2	8	105.6	10		
Limagrain L11814	53.8	8	53.8	8				
Limagrain L11815	87.3	2	87.3	2				
MFA 2250	97.5	8	97.5	8				
MFA 2449	108.1	28	106.6	8	105.6	10	111.8	10
MFA 2520	96.0	4	96.0	4				
MFA 2633	109.8	18	100.1	8	117.5	10		
MFA 2726	96.5	8	96.5	8				
MCIA Momentum 104	92.4	28	101.3	8	86.7	10	91.0	10
MCIA Momentum 106	91.5	28	98.5	8	93.2	10	84.1	10
MCIA Momentum 304	95.6	28	96.7	8	94.9	10	95.5	10
MCIA Momentum Hillard	100.4	8	100.4	8				
USG 3458	100.6	2	100.6	2				
USG 3539	104.2	2	104.2	2				
USG 3895	94.8	2	94.8	2				
Windfield Croplan CP8550	100.8	13	99.3	6	102.0	7		
Windfield Croplan CP8880	103.8	6	103.8	6				

<u>BRAND/VARIETIES</u>	2016-2018		2019		2018		2107	
	<u>INDEX</u>	<u>NO. LOC.</u>	<u>INDEX</u>	<u>No. Loc.</u>	<u>INDEX</u>	<u>No. Loc.</u>	<u>INDEX</u>	<u>No. Loc.</u>
Windfield CroplanCP9606	99.8	13	98.4	6	101.0	7		