

Combined 2024 Winter Wheat Performance Trial Results

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

FS InSPIRE	FS 624	Awnless	97	56.8	100	56.8	80	57.7	102	56.3	89	57.3	108	58.9
FS InSPIRE	FS 745	Awned	* 100	55.4	* 103	55.9	80	56.4	98	54.2	100	56.1	109	58.4
FS InSPIRE	FS WX24B	Awnless	95	55.4	93	56.1	78	57.3	97	54.9	94	55.3	--	--
FS InSPIRE	FS WX24C	Awned	* 100	56.4	* 102	56.6	* 90	57.1	* 104	55.1	94	57.6	--	--
Kennell Seed Farms	KS 1618	Awnletted	* 101	56.8	* 102	56.9	77	58.1	102	55.5	100	58.2	--	--
Kennell Seed Farms	KS 2342	Awnless	97	55.9	99	55.5	83	58.1	97	54.8	96	57.4	--	--
Kennell Seed Farms	KS 2413	Awnless	97	55.6	93	55.7	79	57.2	97	55.0	101	56.0	--	--
KF Brand	KF 667	Awnless	* 101	57.2	* 103	57.3	79	58.3	* 103	56.4	96	58.0	110	59.0
KF Brand	KF 809	Awnless	97	55.3	98	54.6	74	56.6	102	54.1	93	57.0	* 115	58.2
KF Brand	KF 819	Awnless	90	53.6	84	52.5	* 87	55.9	93	53.5	91	54.7	108	56.4
KF Brand	KF 831	Awnless	* 100	55.7	99	55.7	85	56.9	99	55.1	101	56.2	--	--
KF Brand	KF 849	Awnless	97	55.6	93	55.0	86	57.8	94	54.3	* 105	57.6	108	59.0
KF Brand	KF 883	Awned	* 101	56.7	* 105	57.2	80	56.9	* 104	55.1	95	57.6	--	--
KF Brand	KF 898	Awnless	* 98	56.8	95	56.9	80	57.5	102	56.2	97	57.1	105	58.7
KF Brand	EX KF 867	Awnless	* 99	56.4	* 101	56.8	82	57.5	* 105	56.0	92	56.3	--	--
KWS Cereals	KWS500	Awned	93	55.4	90	55.3	84	56.8	92	54.5	97	56.4	--	--
KWS Cereals	KWS501	Awned	95	55.2	91	54.0	80	56.6	100	54.6	95	56.9	--	--
KWS Cereals	KWS508	Awned	92	54.5	91	53.6	79	55.8	96	54.1	89	55.7	--	--
KWS Cereals	KWS525	Awned	97	55.8	96	55.5	83	57.6	94	54.9	102	57.1	--	--
KWS Cereals	KWS529	Awnletted	* 100	54.3	100	54.3	82	55.8	* 104	53.2	96	55.4	--	--
L-Brand (Ag Pro)	L-415	Awnless	96	57.7	97	58.0	78	58.8	95	56.2	95	58.8	--	--
L-Brand (Ag Pro)	L-425	Awnless	94	58.5	95	59.1	76	59.1	102	57.5	85	58.9	102	59.7
L-Brand (Ag Pro)	L-435	Awnless	92	57.3	95	57.4	71	58.3	92	56.0	89	58.5	101	59.1
L-Brand (Ag Pro)	L-440	Awnless	87	58.5	89	59.2	65	59.2	89	57.4	84	59.0	95	58.8
L-Brand (Ag Pro)	L-444	Awnless	* 98	56.1	98	55.6	83	57.6	100	54.7	95	58.0	111	58.4
L-Brand (Ag Pro)	L-445	Awnless	87	55.2	83	54.7	72	57.6	91	54.9	88	56.0	--	--
L-Brand (Ag Pro)	L-452	Awnless	* 98	55.2	* 101	55.5	72	56.5	94	54.4	98	55.7	109	58.1
L-Brand (Ag Pro)	L-475	Awnless	85	56.1	82	56.2	70	56.9	90	55.2	83	56.9	--	--
L-Brand (Ag Pro)	L-500	Awned	90	54.6	85	53.9	78	57.0	93	54.2	91	55.7	--	--
L-Brand (Ag Pro)	L-Star	Awnletted	85	56.5	88	57.0	63	58.0	85	56.0	81	56.5	95	58.7
Legacy	LW 2021	Awnless	95	56.3	99	57.0	84	57.3	97	55.6	88	56.5	106	57.7
Legacy	LW 2023	Awned	97	55.2	96	55.7	81	56.6	99	54.1	95	55.9	106	58.5
Legacy	LW 2026	Awned	96	54.4	94	54.2	79	56.0	95	53.2	99	55.8	111	58.1
Legacy	LWS-P38	Awnless	* 100	54.7	100	55.0	* 87	55.9	100	53.5	100	55.7	109	55.9
Legacy	LWXB 1010	Awned	* 99	54.1	94	53.9	* 96	55.1	* 104	53.5	98	55.1	--	--
Legacy	LWXB 1011	Awned	* 98	55.7	* 104	55.9	82	55.6	98	54.5	93	56.7	--	--
Legacy	LWXB-305	Awned	97	53.9	97	53.8	85	56.0	100	53.1	94	54.9	111	57.1
Legacy	LWXS 1040	Awnless	91	56.6	90	56.4	81	57.5	96	55.9	87	57.5	--	--
Legacy	LWXS 2012	Awnless	82	53.6	69	52.7	76	56.5	91	54.0	85	54.2	--	--
Legacy	LWXS P410	Awnless	94	55.8	93	56.0	81	57.4	99	55.0	91	56.5	--	--
Legacy	LWXS P49	Awnless	96	56.1	97	57.4	* 89	56.3	98	54.9	92	56.1	--	--
OSIA	Starburst	Awnless	92	58.0	96	58.7	74	58.7	97	58.1	82	57.2	99	59.6
Pioneer	25R29	Awned	* 98	56.1	* 102	56.6	77	56.7	101	55.4	91	56.3	--	--
Pioneer	25R499	Awnless	95	54.6	93	54.7	76	56.4	98	54.1	94	55.0	--	--

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

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

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

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