

Table 7. Results of the 2024 wheat variety trial at Urbana, in east central Illinois.

Company	Variety	ST ¹	Yield	Yield Rank	Test wt.	Height	Maturity	Heading	Jointing	2-yr avg	3-yr avg
							date ²	date ³	time ⁴	2023-24	2021,23,24
			bu/ac	1 to 78	lb/bu	in.	days after earliest variety	days after earliest variety	category: E, M or L	bu/ac	bu/ac
AgriMAXX	503	G	98.3	32	54.4	41.7	1	3	M	111.3	108.5
AgriMAXX	505	G	94.4	49	55.6	40.6	4	3	M	107.7	104.6
AgriMAXX	513	G	102.8	17	56.7	40.1	4	1	L	111.7	108.5
AgriMAXX	516	G	94.6	48	54.5	38.1	5	2	L	107.9	107.6
AgriMAXX	525	G	89.8	63	54.9	38.1	5	4	L	101.1	
AgriMAXX	531	G	106.8	8	58.2	41.3	2	1	L	116.5	
AgriMAXX	545	G	86.2	71	52.6	39.0	5	3	M		
AgriMAXX	EXP 2314	G	80.3	77	51.3	39.7	5	4	M		
AgriMAXX	EXP 2405	G	92.2	58	55.0	40.1	5	4	M		
AgriPro	GP 305	C	94.2	50	51.7	37.9	2	0	M		
AgriPro	GP 381	C	108.8	5	55.7	37.5	0	0	M		
AgriPro	GP 463	C	78.4	78	51.9	40.1	2	2	M		
AgriPro	GP 543	C	101.6	24	53.2	41.3	1	1	M		
AgriPro	GP 747	C	85.6	73	48.9	40.9	4	3	M		
Albert Lea Seed	801	none	95.0	45	55.0	40.7	4	1	M	107.1	
American Organic	Erisman AM	none	93.1	56	56.5	39.9	0	0	M	103.5	101.4
Baird Seed	BW-322	G	86.8	69	57.7	46.3	3	1	M		
Bio-Town Seeds	D423W	C	94.7	47	52.6	40.7	3	2	M	108.5	
Bio-Town Seeds	D506W	C	84.0	74	51.3	38.4	5	3	L		
Bio-Town Seeds	DXW2320	C	102.3	19	55.6	40.1	4	2	M		
Bio-Town Seeds	DXW2324	C	104.2	14	55.1	38.8	5	4	M		
DeReadt	DeReadt 47	C	92.0	59	56.1	41.3	4	3	M	105.1	101.8
Dyna-Gro	9120	G	98.4	31	57.2	40.3	4	2	M	108.8	109.9
Dyna-Gro	9151	G	94.0	52	56.0	39.5	3	4	M	106.8	107.0
Dyna-Gro	9172	G	87.8	67	53.7	38.7	3	3	M	102.7	102.4
Dyna-Gro	9231	G	104.1	15	55.5	41.0	2	3	M	114.6	
Dyna-Gro	9290	G	101.2	25	54.5	42.3	3	2	E	112.0	
Dyna-Gro	9393	G	92.9	57	53.3	38.2	4	3	M		
Dyna-Gro	9422	G	93.7	54	53.5	40.5	4	4	M	109.0	
Dyna-Gro	9533	G	89.1	66	50.2	37.2	4	4	M		
Dyna-Gro	9542	G	93.4	55	54.4	40.5	4	4	M		
Dyna-Gro	9551	G	99.0	29	51.4	37.5	3	0	M		
Dyna-Gro	9553	G	100.5	26	55.1	37.7	4	4	M		
Dyna-Gro	9570	G	96.6	40	53.5	41.1	3	2	M		
Dyna-Gro	9593	G	98.5	30	55.2	38.4	4	3	M		
FS InSPIRE	FS 597	G	102.5	18	56.5	41.1	1	1	M	114.3	
FS InSPIRE	FS 600	G	97.7	33	56.8	41.6	3	3	M	110.6	108.2
FS InSPIRE	FS 606	G	106.5	9	60.1	43.8	1	3	L	117.6	
FS InSPIRE	FS 617	G	104.3	13	55.9	37.7	4	4	M	116.1	
FS InSPIRE	FS 624	G	82.7	75	52.8	42.3	5	3	M	98.1	
FS InSPIRE	FS 743	G	102.1	21	55.7	41.8	4	2	L		
FS InSPIRE	FS 745	G	94.8	46	54.7	39.3	4	2	M	108.4	
FS InSPIRE	FS WX24A	G	97.4	36	55.5	38.2	4	2	M		
FS InSPIRE	FS WX24B	G	117.2	1	56.5	40.0	4	2	M		
FS InSPIRE	FS WX24C	G	115.9	3	58.0	39.6	3	3	L		
Green Valley Seed	GV 604	C	103.7	16	56.6	40.2	4	2	M		
Green Valley Seed	GV 6124X	C	95.2	44	55.1	38.9	5	3	M		
Green Valley Seed	GV 6224X	C	97.1	37	54.5	36.6	5	5	M		
Green Valley Seed	GV 624	C	101.6	23	55.3	42.2	3	1	E		
Green Valley Seed	GV 6324X	C	95.6	42	54.4	39.6	4	4	M		
Green Valley Seed	GV 652	C	97.5	34	56.3	39.4	4	2	L	108.7	
Kennell	2342	G	96.3	41	53.0	39.3	4	3	L		
Kennell	2413	G	95.3	43	53.8	37.5	3	2	M		
Kennell	2418	G	99.2	28	57.6	39.6	1	1	M		
Kennell	2422	G	106.9	7	54.3	44.1	2	1	M		
Kitchen Seed	KSC 420W	G	89.8	62	52.6	42.1	2	2	M		
Kitchen Seed	KSC 423	G	108.4	6	59.8	43.5	2	1	L	117.0	
Kratz Farms LLC	KF 667	F	93.7	53	54.5	39.8	0	0	M	106.6	104.3
Kratz Farms LLC	KF 809	F	86.5	70	51.1	38.4	4	1	E	102.6	105.3
Kratz Farms LLC	KF 819	F	91.9	60	51.2	36.4	5	4	M		
Kratz Farms LLC	KF 831	F	97.0	38	53.6	38.4	4	1	E		
Kratz Farms LLC	KF 849	F	102.2	20	54.2	39.8	4	2	L		
Kratz Farms LLC	KF 883	F	115.9	2	57.4	39.6	4	4	M		
Kratz Farms LLC	KF 898	F	104.4	12	55.3	40.2	4	5	M		
KWS Cereals USA	KWS490	C	114.9	4	57.8	39.5	4	2	M		
KWS Cereals USA	KWS500	C	91.2	61	53.7	38.7	5	2	M		
KWS Cereals USA	KWS501	C	89.6	64	52.8	39.7	4	3	M		
KWS Cereals USA	KWS508	C	87.3	68	51.7	40.7	3	4	M		
KWS Cereals USA	KWS525	C	82.3	76	52.1	38.7	5	3	L		
KWS Cereals USA	KWS529	C	97.4	35	50.3	41.3	3	2	M		
Langdon Brothers See	LB1936	F	85.6	72	51.5	39.0	1	0	M	97.0	
Martin Seed	M20	G	96.7	39	54.8	42.3	1	3	M	109.7	
Martin Seed	M22	G	89.2	65	55.4	40.8	4	3	M	103.2	
Pioneer	25R65	C	94.1	51	52.8	39.1	4	4	M	106.0	
Pioneer	25R74	C	105.2	11	55.8	38.0	3	2	M	115.5	111.9
Pioneer	25R76	C	99.3	27	55.2	40.2	3	0	M	110.9	
Virginia Tech	16VDH-SRW03-023		106.1	10	54.1	40.2	2	1	M	117.6	
Virginia Tech	VA19FHB-36		101.8	22	57.3	40.8	3	2	M	112.6	
Trial Mean			96.7		54.5	40.0					
CV			3.5		1.7	3.0	0.6	0.6			
LSD			3.8		1.1	1.6	1.3	1			

¹ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gaucho+Fungicide.

²Varieties were evaluated for the date when they reached maturity. The maturity date relative to the earliest variety, Erisman, is reported. Higher values mean later maturity and lower values mean earlier maturity. A value of zero indicates that the variety matured at the same time as Erisman.

³Varieties were evaluated for the date when heads emerged. The heading date relative to the earliest variety, Erisman, is reported. Higher values mean later heading and lower values mean earlier heading. A value of zero indicates that the variety headed at the same time as Erisman.

⁴Varieties were evaluated for the timing of jointing and classified in to categories: E= early, M=medium, L=Late. Jointing begins at Feekes growth stage 6 and marks the beginning of more rapid growth and increased vulnerability freeze damage. Varieties that are classified as E, jointed at a time when hard freezes are probable. Varieties that are classified as M, jointed at a time when hard freezes are possible, but unlikely. Varieties classified as L, jointed at a time when hard freezes are highly unlikely.

Location Urbana
County Champaign
Site Location [Click to see map](#)
Host CSREC
Soil type Flanagan silt loam
Planting date October 3, 2023
Harvest date June 19, 2024

Nitrogen applied	pounds	N/A
Fall	30	
Spring	90	

Latitude 40.0468889
Longitude -88.2378611