

Kansas 4-H Market Wheat Show 2024

Division 1

DATA					RESULTS							
Name	Variety	Pro (%, 12% mb)	TW (lb/bu)	Dkg (%)	Protein 225 pts	Test Wt 200 pts	Dockage 200 pts	Mill/Bake 250 pts	Crop Data 25 pts	Total 900 pts	Ribbon	Placing top 3
Issac Welty	Guardian	13.3	63.0	0.0	138	200	200	180	25	743	Blue	1
Nathan Vondracek	KS Dallas	10.3	58.3	0.0	94	153	200	220	25	692	Blue	
Nathan Vondracek	KS Big Bow	10.5	57.7	0.0	96	147	200	200	25	668	Blue	
Kole Maxwell	Tam114	11.5	58.1	0.0	106	151	200	230	25	712	Blue	2
Grayson Maxwell	Zenda	11.8	61.7	0.0	109	187	200	190	25	711	Blue	3

Kansas 4-H Market Wheat Show 2024

Division 2

DATA					RESULTS							
Name	Variety	Pro (%, 12% mb)	TW (lb/bu)	Dkg (%)	Protein <i>225 pts</i>	Test Wt <i>200 pts</i>	Dockage <i>200 pts</i>	Mill/Bake <i>250 pts</i>	Crop Data <i>25 pts</i>	Total <i>900 pts</i>	Ribbon	Placing <i>top 3</i>
Evan Welty	Westbred 4422	14.6	62.9	0.0	164	199	200	200	25	788	Purple	1
Addison Maxwell	Zenda	12.0	62.3	0.0	120	193	200	190	25	728	Blue	2

4-H WHEAT SHOW

WHEAT QUALITY SCORE SHEET For Divisions 1 and 2

Protein Content

225 points possible

measured by NIR

reported in percent on a 12% moisture basis

Target for hard wheat is >12%

Test Weight

200 points possible

reported in pounds per bushel

target for hard wheat is >60 lb/bu

Dockage

200 points possible

measured by Carter Day Dockage Tester

reported in percent

low values are desirable

Variety/Mill-Bake

250 points possible

based on known milling and baking
quality of individual wheat varieties

excellent varieties = 220-250 pts

acceptable varieties = 185-215 pts

less desirable varieties = 150-180 pts

Crop Data

25 points possible

Ribbon Placing

Purple = 750 - 900 points

Blue = 600 - 749 points

Red = 450 - 599 points

White = less than 449 points

4-H/FFA WHEAT SHOW

WHEAT QUALITY SCORE SHEET Divisions 1 and 2

DOCKAGE

200 points possible

measured by Carter Day Dockage Tester

reported in percent

low values are desirable

<i>%</i>	<i>Points</i>	<i>%</i>	<i>Points</i>
<0.2	200	1.7	102
0.3	194	1.8	95
0.4	188	1.9	88
0.5	182	2.0	81
0.6	176	2.1	74
0.7	170	2.2	67
0.8	164	2.3	60
0.9	158	2.4	53
1.0	151	2.5	46
1.1	144	2.6	39
1.2	137	2.7	32
1.3	130	2.8	24
1.4	123	2.9	16
1.5	116	3.0	8
1.6	109	>3	0

Dockage includes weed seeds, weed stems, chaff, straw, grain other than wheat, sand, dirt and any material other than wheat which can be removed readily from wheat using a Dockage Tester.

4-H/FFA WHEAT SHOW

WHEAT QUALITY SCORE SHEET Divisions 1 and 2

PROTEIN CONTENT

*225 points possible
measured by NIR
reported in percent on a 12% moisture basis
target for hard wheat is >12%*

Percent	Points	Percent	Points	Percent	Points
7.0	60	10.4	95	13.8	148
7.1	61	10.5	96	13.9	150
7.2	62	10.6	97	14.0	152
7.3	63	10.7	98	14.1	154
7.4	64	10.8	99	14.2	156
7.5	65	10.9	100	14.3	158
7.6	66	11.0	101	14.4	160
7.7	67	11.1	102	14.5	162
7.8	68	11.2	103	14.6	164
7.9	69	11.3	104	14.7	166
8.0	70	11.4	105	14.8	168
8.1	71	11.5	106	14.9	170
8.2	72	11.6	107	15.0	172
8.3	73	11.7	108	15.1	174
8.4	74	11.8	109	15.2	176
8.5	75	11.9	110	15.3	178
8.6	76	12.0	120	15.4	180
8.7	77	12.1	122	15.5	182
8.8	78	12.2	123	15.6	184
8.9	79	12.3	124	15.7	186
9.0	80	12.4	125	15.8	188
9.1	81	12.5	126	15.9	190
9.2	82	12.6	127	16.0	200
9.3	83	12.7	128	16.1	202
9.4	84	12.8	129	16.2	204
9.5	85	12.9	130	16.3	206
9.6	86	13.0	132	16.4	208
9.7	87	13.1	134	16.5	210
9.8	88	13.2	136	16.6	212
9.9	89	13.3	138	16.7	214
10.0	91	13.4	140	16.8	216
10.1	92	13.5	142	16.9	220
10.2	93	13.6	144	17.0	222
10.3	94	13.7	146	17+	225

4-H/FFA WHEAT SHOW

WHEAT QUALITY SCORE SHEET

Divisions 1 and 2

TEST WEIGHT

200 points possible

reported in pounds/bushel

target for hard wheat is > 60 lb/bu

TW	Points			TW	Points			TW	Points
50	70			53.3	103			56.6	136
50.1	71			53.4	104			60	170
50.2	72			53.5	105			60.1	171
50.3	73			53.6	106			60.2	172
50.4	74			53.7	107			60.3	173
50.5	75			53.8	108			60.4	174
50.6	76			53.9	109			60.5	175
50.7	77			54	110			60.6	176
50.8	78			54.1	111			60.7	177
50.9	79			54.2	112			60.8	178
51	80			54.3	113			60.9	179
51.1	81			54.4	114			61	180
51.2	82			54.5	115			61.1	181
51.3	83			54.6	116			61.2	182
51.4	84			54.7	117			61.3	183
51.5	85			54.8	118			61.4	184
51.6	86			54.9	119			61.5	185
51.7	87			55	120			61.6	186
51.8	88			55.1	121			61.7	187
51.9	89			55.2	122			61.8	188
52	90			55.3	123			61.9	189
52.1	91			55.4	124			62	190
52.2	92			55.5	125			62.1	191
52.3	93			55.6	126			62.2	192
52.4	94			55.7	127			62.3	193
52.5	95			55.8	128			62.4	194
52.6	96			55.9	129			62.5	195
52.7	97			56	130			62.6	196
52.8	98			56.1	131			62.7	197
52.9	99			56.2	132			62.8	198
53	100			56.3	133			62.9	199
53.1	101			56.4	134			63.0 +	200
53.2	102			56.5	135				