

# FFA 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

# 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*

<u>TW</u>	<u>Points</u>	<u>TW</u>	<u>Points</u>	<u>TW</u>	<u>Points</u>	<u>TW</u>	<u>Points</u>
50.0	70	53.3	103	56.6	136	59.9	169
50.1	71	53.4	104	56.7	137	60.0	170
50.2	72	53.5	105	56.8	138	60.1	171
50.3	73	53.6	106	56.9	139	60.2	172
50.4	74	53.7	107	57.0	140	60.3	173
50.5	75	53.8	108	57.1	141	60.4	174
50.6	76	53.9	109	57.2	142	60.5	175
50.7	77	54.0	110	57.3	143	60.6	176
50.8	78	54.1	111	57.4	144	60.7	177
50.9	79	54.2	112	57.5	145	60.8	178
51.0	80	54.3	113	57.6	146	60.9	179
51.1	81	54.4	114	57.7	147	61.0	180
51.2	82	54.5	115	57.8	148	61.1	181
51.3	83	54.6	116	57.9	149	61.2	182
51.4	84	54.7	117	58.0	150	61.3	183
51.5	85	54.8	118	58.1	151	61.4	184
51.6	86	54.9	119	58.2	152	61.5	185
51.7	87	55.0	120	58.3	153	61.6	186
51.8	88	55.1	121	58.4	154	61.7	187
51.9	89	55.2	122	58.5	155	61.8	188
52.0	90	55.3	123	58.6	156	61.9	189
52.1	91	55.4	124	58.7	157	62.0	190
52.2	92	55.5	125	58.8	158	62.1	191
52.3	93	55.6	126	58.9	159	62.2	192
52.4	94	55.7	127	59.0	160	62.3	193
52.5	95	55.8	128	59.1	161	62.4	194
52.6	96	55.9	129	59.2	162	62.5	195
52.7	97	56.0	130	59.3	163	62.6	196
52.8	98	56.1	131	59.4	164	62.7	197
52.9	99	56.2	132	59.5	165	62.8	198
53.0	100	56.3	133	59.6	166	62.9	199
53.1	101	56.4	134	59.7	167	63.0 +	200
53.2	102	56.5	135	59.8	168		

# 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%*

<i>Percent</i>	<i>Points</i>	<i>Percent</i>	<i>Points</i>	<i>Percent</i>	<i>Points</i>
7.0	60	10.0	91	13.0	132
7.1	61	10.1	92	13.1	134
7.2	62	10.2	93	13.2	136
7.3	63	10.3	94	13.3	138
7.4	64	10.4	95	13.4	140
7.5	65	10.5	96	13.5	142
7.6	66	10.6	97	13.6	144
7.7	67	10.7	98	13.7	146
7.8	68	10.8	99	13.8	148
7.9	69	10.9	100	13.9	150
8.0	70	11.0	101	14.0	152
8.1	71	11.1	102	14.1	154
8.2	72	11.2	103	14.2	156
8.3	73	11.3	104	14.3	158
8.4	74	11.4	105	14.4	160
8.5	75	11.5	106	14.5	162
8.6	76	11.6	107	14.6	164
8.7	77	11.7	108	14.7	166
8.8	78	11.8	109	14.8	168
8.9	79	11.9	110	14.9	170
9.0	80	12.0	120	15.0	172
9.1	81	12.1	122	15.1	174
9.2	82	12.2	123	15.2	176
9.3	83	12.3	124	15.3	178
9.4	84	12.4	125	15.4	180
9.5	85	12.5	126	15.5	182
9.6	86	12.6	127	15.6	184
9.7	87	12.7	128	15.7	186
9.8	88	12.8	129	15.8	188
9.9	89	12.9	130	15.9	190
				16+	200

# 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

### Variety/Mill-Bake

*250 points possible  
based on known milling and baking  
quality of individual wheat varieties*

<i>Excellent (220 – 250 pts)</i>	<i>Acceptable (185 – 215 pts)</i>	<i>Less Desirable (150 – 180 pts)</i>
Advantage	Akron	Keota
Eagle	Alliance	Lakin
Enhancer	Arlin	Millenium
Ike	Armour	Niobrary
Jagger	Art	NuFrontier
Jagalene	Aspen	OK 101
Karl 92	Avalanche	OK 102
Neosho	Bakers White	Pecos
NuHills	Betty	PostRock
OK Bullet	Burchett	Prairie Red
Oro Blanco	Cisco	Prairie White
Overley	Cossack	Protection
Platte	Cutter	Santa Fe
Rio Blanco	Danby	Shocker
RonL	Dumas	Tam 111
Smoky Hill	Duster	Tam 112
7853	Endurance	Thunderbolt
G1878	Fuller	Trego
	Goodstreak	Trio T 136, T81, T812
	Halt	Vista
	Hatcher	Wahoo
	Hawken	Wesley
	Heyne	Winterhawk
	Intrada	Yuma