

TABLE 44. 2001 KINGS DURUM WHEAT TEST, QUALITY EVALUATION

Entry Name	Pro	Ash	Test Wt	1000 Kwt	HVAC	Milling													Pasta						
						Semolina						Milling							Pasta						
						7W	10W	12W	Tot Ext	Semo Ext	Pro	Ash	Spk	Alveo-W	Alveo-P/L	Wet Glut	Dry Glut	Fall No.	Color "b"	Color L	Color b	Cook Score	Cook Wt	Cook Loss	Firm
CULTIVARS																									
522 WESTBRED 881	12.9	1.48	62.2	51.8	99	197.9	2.2	0.2	76.9	64.6	11.7	0.77	24	204.6	1.40	30.5	11.1	637	25.4	58.6	44.7	10.0	30.7	7.1	7.2
878 DURAKING	11.8	1.52	64.1	46.3	97	192.3	7.6	0.3	74.7	62.7	10.6	0.77	18	174.6	1.99	29.6	16.7	421	23.9	58.1	38.7	8.5	32.3	7.5	5.7
944 CORTEZ	13.2	1.40	63.7	47.4	99	192.6	7.6	0.1	75.9	64.8	12.2	0.64	18	161.5	1.56	51.5	31.8	515	25.2	56.0	42.7	9.0	31.1	6.7	6.5
947 KOFA	12.8	1.37	63.4	52.1	99	194.2	6.2	0.2	77.0	64.8	11.3	0.94	26	315.9	1.70	59.2	32.0	592	26.4	55.0	44.6	10.0	32.1	6.3	7.2
951 KRONOS	12.8	1.33	62.6	50.3	99	195.6	4.9	0.2	76.9	63.8	11.3	0.73	27	212.4	2.46	34.1	12.2	607	26.0	56.9	44.5	10.0	30.4	7.3	6.4
954 OCOTILLO	13.9	1.49	63.3	48.1	100	186.7	13.4	0.1	75.3	63.3	12.8	0.74	39	199.1	0.77	33.6	12.6	578	25.7	58.3	42.5	9.5	31.0	6.5	7.2
983 RIA	12.6	1.47	63.1	41.2	99	177.4	22.5	0.2	74.1	62.8	11.4	0.71	22	229.2	1.47	29.6	11.1	544	23.9	56.1	41.2	9.5	32.2	7.1	6.5
1024 MOHAWK	12.2	-	62.9	54.1	99	194.6	5.4	0.7	75.1	61.8	11.2	0.75	23	192.9	1.66	30.2	11.5	530	29.7	56.4	47.3	10.0	31.3	6.9	7.0
1057 TACNA	12.4	1.43	63.4	48.3	99	193.1	6.9	0.1	74.3	63.3	11.3	0.77	25	233.5	1.78	30.9	11.7	480	25.9	57.6	46.1	10.0	31.7	7.0	7.0
1103 DELUXE	13.3	1.46	63.4	50.8	99	196.5	3.7	0.2	73.8	64.6	12.3	0.67	20	139.3	1.80	29.9	10.8	495	20.8	55.3	35.8	7.0	30.0	6.5	7.0
1166 CROWN	12.2	1.26	63.5	48.8	99	189.9	10.3	0.3	75.4	62.6	10.9	0.67	32	178.5	0.94	32.1	11.8	582	26.1	56.4	41.7	9.5	30.4	6.8	6.8
1179 MATT	13.3	1.23	63.6	51.5	99	193.8	6.2	0.1	74.8	63.1	11.9	0.68	30	300.8	1.80	31.1	11.3	508	27.1	57.6	46.7	10.0	32.0	7.1	6.7
1210 PLATINUM	11.7	1.48	64.5	43.5	99	182.9	16.7	0.2	72.5	62.4	10.5	0.74	43	217.1	1.30	28.0	10.3	409	28.3	57.8	46.3	10.0	32.2	7.5	6.3
1211 TOPPER	12.5	1.39	64.8	42.0	100	178.0	21.6	0.5	72.2	61.5	11.9	0.65	30	191.6	2.30	32.0	11.2	481	27.9	56.0	42.1	9.0	32.2	7.6	5.8
1215 ORITA	13.3	1.31	62.1	52.4	99	197.9	2.5	0.3	75.7	62.4	12.0	0.69	38	246.0	1.37	32.1	11.6	600	21.1	56.8	43.2	10.0	31.1	7.5	7.7
1266 SKY	11.2	1.43	62.5	44.1	99	184.7	15.3	0.1	73.8	63.9	10.5	0.76	32	313.4	2.90	25.2	9.5	621	25.3	58.7	46.4	10.0	31.8	7.7	6.2
ADVANCED LINES																									
1212 WWW D3100	13.4	1.45	64.4	50.0	99	194.0	6.4	0.1	75.3	64.2	12.4	0.77	32	-	-	31.9	11.3	482	24.1	22.0	57.7	7.0	31.2	6.8	7.2
1218 APB D95-217	12.6	1.54	63.7	46.9	98	194.4	5.6	0.2	74.7	63.3	11.4	0.62	49	148.1	1.07	29.7	10.6	478	28.5	53.9	41.2	9.0	30.3	7.6	6.3
1250 YU 895-130	12.5	1.31	64.0	46.9	99	190.6	9.4	0.4	76.0	64.4	11.5	0.75	20	104.3	0.45	33.3	12.2	545	29.3	57.4	47.8	10.0	31.0	7.1	7.5
1251 YU 895-82	13.5	1.39	63.7	48.8	99	196.5	4.0	0.2	76.3	63.9	12.4	0.92	36	191.9	0.81	33.8	12.7	579	29.7	57.2	44.1	10.0	30.6	6.9	7.0
1253 WWW D3121	13.1	1.44	62.6	51.3	99	193.1	7.2	0.1	76.2	66.3	12.4	0.74	45	258.0	2.29	30.3	11.0	545	27.0	57.1	44.5	10.0	30.5	7.2	7.3
1275 SOFIA 2000C	12.4	1.32	65.4	47.4	99	187.0	12.3	0.5	77.5	64.3	11.3	0.73	23	235.4	1.30	29.2	10.6	506	20.9	58.0	37.6	8.0	29.8	7.1	6.8
1276 SILVIA 2000C	12.0	1.33	64.6	47.6	98	190.9	8.8	0.6	76.5	62.7	11.1	0.71	29	105.9	1.10	30.8	11.4	486	21.7	57.9	36.7	7.5	31.8	7.3	6.0
1299 YU 897-98	13.2	1.36	63.3	50.3	99	194.8	5.5	0.1	74.5	63.2	12.2	0.64	29	178.9	1.49	31.0	11.3	520	23.1	58.9	38.5	8.5	31.1	7.0	6.7
1300 YU 897-72	13.2	1.54	64.0	46.7	98	194.1	5.9	0.2	73.2	62.6	12.1	0.64	32	190.2	1.94	31.7	11.9	492	26.1	57.5	42.2	9.5	29.5	6.8	7.4
1301 WWW D2514	12.9	1.49	62.2	47.4	98	188.0	11.8	0.1	77.8	63.6	11.9	0.71	41	200.5	1.20	33.1	12.3	562	27.6	57.5	43.0	9.5	30.5	7.0	6.7
1302 WWW D6568	11.9	1.32	64.1	48.1	98	195.7	4.4	0.2	74.4	64.0	11.4	0.63	42	-	-	28.6	10.3	659	26.0	58.3	41.3	9.0	33.5	6.6	6.2
1303 WWW D6523	11.3	1.37	62.0	51.5	99	189.6	10.0	0.3	77.1	63.0	10.4	0.66	18	113.3	0.62	28.5	10.8	437	27.4	57.1	45.5	10.0	29.7	7.3	6.9
1304 WWW D5384-2	11.5	1.33	62.5	53.8	95	179.7	20.6	0.6	74.2	62.9	10.8	0.67	28	258.0	1.28	26.8	9.5	577	28.7	56.7	43.8	10.0	31.5	6.6	6.6
1305 WWW D8261	11.6	1.38	61.5	46.1	95	189.0	11.0	0.3	71.7	63.8	10.8	0.70	16	219.0	3.28	26.5	9.4	526	20.3	54.8	32.2	6.0	31.3	7.5	6.2
1306 UC D201-25	12.9	1.37	63.9	49.5	99	196.2	3.5	0.2	72.5	64.1	12.4	0.64	16	206.3	2.40	33.3	11.9	503	23.7	54.8	37.6	7.5	30.8	6.4	6.7
1307 UC D201-04	12.5	1.32	63.7	50.8	99	194.2	5.7	0.2	72.2	59.8	11.4	0.49	26	203.4	2.55	28.7	10.2	511	25.9	55.9	39.0	8.0	31.0	7.0	6.4
1308 UC D201-35	12.4	1.35	63.6	52.1	99	195.0	4.8	0.1	72.4	60.1	11.4	0.68	9	107.0	2.37	30.1	10.9	554	24.7	54.0	37.5	7.5	31.5	7.3	6.4
1312 APB D98-238	12.4	1.42	63.7	51.3	99	193.1	6.4	0.3	73.2	61.7	11.4	0.68	21	97.4	1.45	30.1	10.8	554	25.7	57.0	43.4	10.0	30.2	7.0	7.0
1313 APB D98-225	12.2	1.37	63.4	53.2	98	195.7	4.1	0.2	74.5	63.7	11.8	0.63	31	191.9	1.22	29.0	10.6	595	25.9	57.2	42.5	9.5	31.7	6.3	6.9
1314 RSI 99WV3051	13.3	1.42	63.0	54.1	99	195.3	4.4	0.3	74.7	64.5	12.2	0.74	21	164.9	1.31	32.2	12.0	578	25.2	56.8	40.6	9.0	30.0	7.9	7.1
1315 RSI 99WV3041	12.4	1.41	64.4	50.8	100	191.5	8.0	0.2	73.3	62.4	10.9	0.63	18	163.5	1.10	29.4	10.6	592	28.9	56.3	47.2	10.0	30.0	7.5	7.3
1316 RSI 99WV3040	13.5	1.53	61.9	34.1	99	196.1	3.5	0.4	71.8	59.7	12.5	0.75	10	223.7	1.45	33.9	12.3	648	28.3	57.1	44.9	10.0	30.2	6.8	7.8
1317 RSI 98WV1382	12.6	1.36	63.5	46.1	99	191.1	8.8	0.2	70.8	59.4	11.3	0.75	18	125.1	3.00	26.4	9.6	514	25.3	54.0	40.9	8.5	31.3	7.0	5.8
1318 RSI 99WV3041	12.1	1.45	63.7	47.6	99	183.8	15.8	0.3	75.0	62.6	10.9	0.81	28	92.7	2.16	28.2	10.3	471	27.6	54.4	41.5	9.0	31.1	7.4	6.1
1319 RSI 98WV1384	13.5	1.44	63.7	49.8	99	195.6	3.8	0.3	75.4	62.4	12.2	0.69	20	152.9	3.10	30.7	11.2	502	27.4	55.6	41.7	9.0	30.6	6.7	6.6
1320 RSI 99WV3050	12.5	1.35	63.9	43.1	99	193.4	5.9	0.4	73.8	63.8	11.1	0.62	23	225.1	2.20	28.8	10.4	564	27.2	58.0	44.4	10.0	31.7	6.7	6.4

Analysis provided by the California Wheat Commission Quality Laboratory, Woodland, CA

Pro = Protein% (12% moisture basis); Ash = Ash % (mineral content); Test Wt = Test weight (lb/bu); 1000 Kwt = Thousand kernel weight (grams);

HVAC = Hard vitreous amber color (%); Tot Ext = Total extract (%); Semo Ext = Semolina extract (%); Spk = Specks; Alveo W = Alveograph W;

Alveo P/L = Alveograph P/L ratio; Color "b" = Intensive yellowness of pasta color (the higher the value, the more yellowness); Color Score: 9.0 or greater is good;

Cook Wt = Cooked weight, 10 gram sample; Cook Loss = Cooking loss (%), below 6.0 is good; Firm = Firmness (gcm), 6.0 and above is good.