

TABLE 43. 2007 KINGS DURUM WHEAT TEST, QUALITY EVALUATION

Entry	Name	Milling																									
		Grain								Semolina					Pasta												
		Pro	Ash	Test Wt	1000 Kwt	HVAC	Black Point	Kernel Size Dist. (200 g)			Tot Ext	Semo Ext	Pro	Ash	Spk	Alveo-W	Alveo-P/L	Wet Glut	Dry Glut	Fall No.	Color "b"	Color L	Color b	Color Score	Cook Wt	Cook Loss	Firm
CULTIVARS																											
878	DURAKING	14.04	1.96	60.9	37.9	100	0.6	143.7	54.8	0.6	74.2	64.6	12.76	1.01	4	209.9	0.87	36.1	14.3	659	26.19	57.07	44.84	10.0	28.61	7.5	7.9
951	KRONOS	14.54	1.86	62.4	55.6	100	0.8	192.7	7.6	0.1	76.0	64.0	13.23	0.85	3	190.2	1.23	38.6	15.6	676	24.87	55.63	42.06	9.5	28.82	8.3	7.2
1024	MOHAWK	14.10	1.79	63.1	48.1	99	0.1	182.3	16.3	0.2	75.0	64.0	12.86	0.89	9	212.6	1.17	36.6	13.8	710	29.76	53.46	44.29	10.0	28.21	7.3	7.9
1166	CROWN	15.15	1.91	57.6	39.4	100	-	137.4	60.4	0.9	74.0	63.0	14.03	0.88	9	152.3	0.67	41.3	16.2	646	27.66	56.68	42.61	9.5	28.00	7.3	8.8
1210	PLATINUM	14.22	1.96	60.8	37.0	100	0.2	134.1	60.4	0.9	75.0	63.0	13.07	0.88	7	169.3	0.73	32.4	11.3	643	30.46	54.71	43.49	10.0	30.28	7.6	7.8
1211	TOPPER	13.80	1.84	63.9	38.5	99	0.6	147.4	50.3	1.0	73.0	63.0	12.55	0.81	3	153.9	0.81	34.6	11.9	611	26.50	56.30	42.00	9.5	30.00	7.8	7.3
1375	DESERT KING	13.91	1.99	61.1	41.7	99	0.1	163.5	35.4	0.3	72.0	63.0	12.74	0.9	7	189.7	1.14	34.8	12.0	623	25.79	56.10	42.90	9.5	29.67	7.4	7.2
1429	RSI 64	14.23	1.89	60.9	41.8	100	0.1	161.1	38.4	0.2	71.0	62.0	13.21	0.9	4	122.7	1.02	34.8	12.0	526	31.34	57.03	47.17	10.0	28.59	6.4	7.3
1430	RSI 59	15.12	1.78	59.6	40.2	100	0.1	174.7	24.8	0.2	70.0	61.0	13.82	0.94	13	155.0	0.78	40.6	14.1	687	29.08	56.13	42.94	9.5	29.03	8.3	7.1
1473	Q-MAX	14.98	1.96	57.8	42.9	100	1.0	132.9	65.2	1.1	77.0	64.0	13.98	0.97	16	172.0	0.70	40.4	13.9	654	27.48	55.26	41.49	9.5	29.52	6.3	8.4
1582	MAESTRALE	14.94	1.77	62.7	49.5	100	0.1	176.6	22.8	0.3	72.0	64.0	13.68	0.85	6	146.7	1.38	40.3	14.2	602	27.84	58.35	43.16	10.0	29.61	7.4	7.5
1583	SARGOLLA	13.68	1.88	62.8	45.9	99	0.5	170.1	29.1	0.5	74.0	64.0	12.63	1.01	4	172.3	1.08	32.4	11.4	576	25.65	56.32	41.45	9.5	29.69	7.0	8.1
1584	SEVEVO	13.86	1.75	63.2	46.3	99	0.1	169.8	29.2	0.7	77.0	64.0	12.73	0.97	2	124.9	1.16	35.4	12.2	532	24.78	56.22	39.21	9.0	29.90	9.1	6.9
ADVANCED LINES																											
1431	RSI EXP 14	14.65	1.86	61.0	43.9	100	0.5	170.0	29.4	0.3	71.0	62.0	13.31	0.92	3	168.1	0.77	35.2	12.1	626	32.23	55.37	45.73	10.0	29.07	6.8	7.7
1467	WB YU803-11	14.64	2.00	59.5	45.7	99	-	173.9	25.2	0.2	75.0	65.0	13.52	1.01	5	180.5	0.82	35.8	12.7	643	28.05	53.96	44.34	10.0	28.85	7.9	7.3
1503	UC 1503	14.06	1.78	64.0	58.8	100	2.6	176.2	23.1	0.4	78.0	66.0	13.05	0.92	2	146.6	1.46	38.0	12.9	652	26.92	56.08	40.70	9.0	30.09	6.6	7.1
1509	WB YU803-1	13.55	1.77	62.7	45.7	98	0.8	177.2	23.3	0.2	77.0	63.0	12.29	0.96	3	146.5	1.91	36.0	12.2	675	29.26	54.62	44.29	10.0	29.53	7.7	7.5
1540	WB DA 804-7	14.50	1.86	61.6	49.8	100	1.0	182.8	16.7	0.1	76.0	63.0	13.45	1.01	3	248.9	1.84	36.0	12.4	657	29.14	53.34	43.25	10.0	29.97	8.4	6.9
1541	WB DA 804-81	14.11	1.73	63.9	57.1	100	1.6	191.8	7.8	0.1	78.0	64.0	13.01	1.04	3	155.7	1.26	38.2	13.2	641	26.96	55.15	42.27	9.5	28.94	6.3	8.1
1563	UCD 06222/30	15.57	1.87	61.8	46.3	100	0.5	176.3	23.2	0.4	77.0	64.0	14.52	0.86	2	231.7	2.11	41.5	15.0	753	28.67	55.06	43.75	10.0	28.49	7.9	8.3
1564	UCD 06222/33	16.04	2.07	60.6	37.7	99	0.4	167.6	31.6	0.5	76.0	64.0	15.00	1.06	2	198.1	1.23	45.7	15.8	782	26.68	55.79	42.65	9.5	29.01	6.7	8.7
1565	WWW D1636	13.50	1.75	62.3	40.3	100	0.4	174.5	24.9	0.2	74.0	61.0	12.47	0.86	2	198.4	1.55	34.0	11.0	590	30.11	57.62	42.07	9.5	29.05	6.8	7.5
1566	APB D01AZ-486	14.10	1.98	61.8	46.7	99	0.7	174.2	25.5	0.2	76.0	64.0	13.10	1.01	3	318.8	1.74	38.0	12.2	762	28.04	56.45	44.42	10.0	29.54	6.6	7.5
1567	APB D02AZ-152	14.11	1.89	62.9	53.8	100	0.9	189.2	10.6	0.1	74.0	62.0	13.06	0.99	3	178.3	1.05	35.5	12.8	659	30.39	57.48	46.73	10.0	29.16	7.9	8.3
1568	APB D02GE-72	14.25	1.83	61.1	42.4	99	0.2	160.6	38.8	0.4	76.0	64.0	13.15	0.97	2	280.9	1.50	32.5	11.3	687	29.15	56.00	44.30	10.0	30.32	7.2	7.2
1581	UCD 06201/1	13.27	1.78	62.0	45.7	100	0.5	174.5	25.0	0.3	74.0	64.0	12.22	0.84	2	130.7	0.82	36.0	13.0	624	27.79	57.34	43.00	10.0	29.64	7.3	7.0

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; Fall No. = Falling number (seconds).

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.