

TABLE 48. 2006 IMPERIAL DURUM WHEAT TEST, QUALITY EVALUATION

Entry	Name	Grain									Milling										Pasta							
		Pro	Ash	Test Wt	1000 Kwt	HVAC	Black Point	Kernel Size Dist. (200 g)			Tot Ext	Semolina				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
								7W	10W	12W		Semo Ext	Pro	Ash														
CULTIVARS																												
878	DURAKING	15.0	1.63	63.6	56.5	100	-	170.0	29.3	0.4	72.3	64.6	13.3	0.87	6	112.5	0.72	32.2	11.4	715	24.2	56.1	38.6	8.5	29.8	6.5	7.3	
951	KRONOS	15.4	1.72	62.5	59.5	99	0.3	189.3	9.1	0.5	73.4	62.5	13.9	0.72	5	157.0	1.00	36.3	13.1	875	26.3	56.5	42.9	9.5	30.0	7.6	7.7	
983	RIA	14.9	1.80	62.4	52.1	100	-	162.6	37.5	0.2	73.4	64.3	13.8	0.80	2	170.0	0.59	34.6	12.3	525	28.3	55.6	41.5	8.5	31.1	8.0	7.0	
1024	MOHAWK	14.8	1.62	62.6	61.3	99	-	186.4	13.2	0.1	74.2	62.8	13.5	0.76	4	175.3	0.93	32.3	17.5	713	29.7	56.1	46.2	10.0	31.5	7.0	7.6	
1166	CROWN	15.7	1.79	62.1	62.1	100	0.1	184.6	14.8	0.3	74.9	63.2	13.6	0.78	7	127.5	0.46	35.1	14.2	575	25.8	56.8	40.7	9.0	30.0	6.9	8.2	
1210	PLATINUM	15.3	1.70	62.5	49.8	99	-	166.3	33.2	0.7	74.5	64.9	14.2	0.86	2	211.0	0.82	35.0	13.3	565	28.7	53.8	42.8	9.0	30.3	7.7	7.8	
1211	TOPPER	14.4	1.62	63.3	54.3	99	0.5	168.2	31.4	0.5	75.7	63.3	13.2	0.86	5	89.6	0.95	36.7	12.5	531	22.7	54.9	38.4	8.0	30.4	7.6	7.1	
1215	ORITA	16.6	1.69	61.3	56.8	99	0.4	184.9	13.2	0.1	75.0	63.8	15.5	0.89	5	186.3	0.74	36.2	13.7	898	25.8	54.8	41.8	9.0	29.6	5.7	8.2	
1375	DESERT KING	15.6	1.60	62.0	54.3	100	-	180.7	19.8	0.2	66.2	59.0	14.4	0.77	3	190.9	0.93	36.5	13.8	662	27.8	56.3	43.0	10.0	30.3	6.5	7.5	
1429	RSI 64	15.6	1.73	62.4	54.6	100	-	167.7	32.6	0.3	66.6	59.1	14.4	0.76	7	146.5	0.55	37.9	14.9	584	29.5	56.8	46.8	10.0	29.8	6.6	8.2	
1430	RSI 59	16.3	1.85	62.2	47.8	100	0.1	180.9	18.5	0.3	69.2	61.0	15.1	0.76	6	158.7	0.54	39.1	15.6	742	28.8	57.4	44.1	10.0	29.3	7.8	7.8	
1479	HAVASU	15.0	1.58	64.8	63.7	100	0.2	190.0	9.7	0.1	77.1	63.3	13.7	0.88	5	304.1	1.13	35.1	13.2	823	29.7	55.0	45.0	9.5	30.9	7.2	7.3	
1513	MEAD	15.5	1.61	61.9	52.6	99	0.1	192.3	7.6	0.2	75.3	65.8	14.3	0.69	7	190.3	0.92	37.7	13.7	838	26.3	55.3	42.3	9.0	39.9	7.3	8.1	
ADVANCED LINES																												
1431	RSI EXP 14	14.2	1.93	63.8	49.5	99	0.1	183.6	16.0	0.1	76.7	65.2	13.1	0.81	5	117.1	0.55	37.3	14.8	598	29.2	56.9	44.4	10.0	30.1	7.0	7.9	
1452	UCD 04201/18	15.8	1.61	62.3	50.0	100	0.1	179.2	20.5	0.2	72.4	63.2	14.8	0.72	3	169.4	0.68	32.9	15.8	767	27.3	55.6	41.7	9.0	30.0	7.1	6.8	
1467	WB YU803-11	15.9	1.62	62.1	50.3	99	0.1	186.6	13.2	0.1	76.1	63.9	14.1	0.86	3	186.0	0.67	38.8	15.5	666	29.9	54.4	45.2	9.5	30.8	6.6	7.7	
1484	APB D257-11	15.7	1.66	64.4	44.0	100	-	179.6	19.9	0.1	75.7	62.8	14.1	0.74	5	245.6	1.12	35.3	13.5	668	28.4	55.7	45.1	9.5	29.5	5.8	8.2	
1503	UC 1503	16.1	1.67	63.9	50.3	100	-	188.6	11.3	0.1	75.2	63.7	14.6	0.82	9	150.4	1.01	40.6	17.7	811	26.0	54.6	39.0	8.0	31.0	7.3	6.9	
1504	UC 1504	15.7	1.75	63.2	55.0	100	0.3	187.0	12.6	0.2	77.0	64.4	14.2	0.90	3	140.6	0.48	33.3	13.0	885	26.9	-	-	-	-	-	-	
1505	WWW D0061	15.0	1.69	60.6	42.3	99	-	173.4	26.2	0.2	72.9	63.6	13.7	0.99	2	253.1	1.08	35.5	13.2	697	27.1	54.7	41.3	9.0	30.3	6.3	7.5	
1506	WWW D6575D	15.2	1.75	63.5	45.9	99	0.2	180.5	18.9	0.1	69.8	65.6	13.9	0.94	5	172.0	0.60	37.4	14.8	699	25.0	56.9	39.2	8.5	29.7	6.4	8.2	
1507	WWW D8270	16.6	2.08	63.8	46.3	99	-	177.3	23.0	0.2	77.9	66.0	14.6	0.97	2	229.6	0.95	33.9	12.0	851	27.1	55.6	40.7	8.5	39.0	6.5	8.4	
1508	WWW CHD1978B	14.1	1.82	61.7	42.6	99	0.2	162.2	37.4	0.5	76.4	65.4	13.1	0.80	3	141.2	0.47	34.4	12.4	628	26.5	55.1	41.9	9.0	30.4	6.5	8.2	
1509	WB YU803-1	16.1	1.72	61.2	42.4	99	0.1	169.0	30.1	0.3	75.9	64.2	15.1	0.84	6	236.1	0.96	36.5	13.3	971	29.7	54.3	44.5	10.0	31.0	7.3	8.9	
1510	WB YU802-175	15.0	1.74	64.6	52.6	100	0.2	172.1	23.5	0.2	77.0	64.2	14.0	0.60	6	113.1	0.36	39.7	16.7	642	28.0	57.0	44.3	10.0	29.3	6.2	8.8	
1512	WB YU804-172	15.7	2.06	60.0	47.2	100	0.1	172.6	26.4	0.3	76.4	65.7	14.5	0.74	4	201.4	0.52	39.0	16.4	819	26.2	56.2	42.6	9.5	31.1	8.0	7.3	
1519	APB D02AZ-111MT	14.8	1.91	61.7	46.7	99	0.1	175.5	23.3	0.3	77.4	65.3	13.5	0.85	3	184.5	0.62	33.8	12.1	762	25.9	55.6	42.9	9.0	30.1	7.9	8.1	
1520	APB D16-5	16.5	1.82	63.1	60.0	100	1.7	196.9	3.1	0.1	77.6	66.0	15.2	0.73	3	222.3	0.77	37.6	13.6	803	26.3	56.0	41.1	9.0	29.2	7.1	8.9	

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.