

TABLE 54. 2003 IMPERIAL DURUM WHEAT TEST, QUALITY EVALUATION

Entry	Name	Milling																								
		Grain							Semolina					Pasta												
		Pro	Ash	Test Wt	1000 Kwt	HVAC	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																										
819	BRAVADUR	13.6	2.07	62.5	41.0	100	169.3	30.0	0.2	75.1	61.0	12.6	0.88	5	246.0	1.16	33.1	12.4	532	28.5	54.7	38.8	8.5	29.1	7.3	8.0
878	DURAKING	14.0	1.72	63.5	43.1	100	164.6	35.7	0.6	78.6	62.0	12.9	0.83	5	272.5	1.13	36.1	13.5	1099	26.7	56.2	42.3	9.0	28.6	6.9	8.7
947	KOFA	13.0	1.79	62.7	49.8	100	181.1	18.1	0.1	74.2	61.4	11.3	0.76	3	137.0	0.92	31.7	11.6	574	25.1	55.8	36.5	7.5	29.3	7.1	7.5
951	KRONOS	14.3	1.97	62.5	47.4	100	177.4	22.3	0.4	75.3	60.1	13.0	0.72	5	321.7	1.52	35.2	13.2	740	29.1	52.6	43.0	9.5	29.6	7.3	7.8
983	RIA	13.5	1.82	62.3	45.9	100	165.5	34.8	0.2	75.3	62.8	11.8	0.98	4	117.3	0.61	31.6	11.7	577	26.2	55.9	37.0	7.5	29.8	7.8	7.8
1024	MOHAWK	14.8	1.87	61.9	45.5	100	180.7	19.4	0.3	76.2	63.0	13.3	0.91	13	135.7	1.12	35.1	13.2	1042	27.3	54.0	41.3	9.0	29.9	8.2	8.2
1103	DELUXE	15.2	1.86	63.4	46.7	100	179.2	21.4	0.3	73.7	61.3	13.0	0.75	4	141.9	1.56	31.7	11.6	613	21.0	56.9	35.9	7.0	29.2	7.8	7.9
1166	CROWN	13.4	1.72	61.1	45.9	100	176.8	23.4	0.3	76.6	62.3	11.9	0.89	6	117.5	0.94	33.1	12.4	635	25.6	55.1	39.2	8.0	29.3	7.7	7.4
1179	MATT	15.0	1.77	63.0	42.4	100	173.3	26.7	0.3	74.8	63.7	13.4	0.84	3	259.3	1.09	33.4	12.9	1738	28.0	53.1	42.1	9.0	30.7	7.4	8.2
1210	PLATINUM	13.3	1.96	63.7	41.0	99	159.0	40.1	0.8	72.4	63.0	12.1	0.84	3	224.9	0.74	31.6	12.1	690	28.5	55.9	44.0	9.5	31.3	7.2	7.7
1211	TOPPER	13.7	1.78	63.9	42.6	99	166.2	33.9	0.5	71.3	61.1	12.3	0.71	6	77.9	0.71	32.1	12.4	576	23.8	56.0	38.8	8.0	31.5	8.2	6.3
1215	ORITA	15.1	1.81	61.5	45.9	100	181.7	18.3	0.2	69.8	59.9	13.5	0.83	2	160.2	0.67	35.7	13.8	731	28.4	56.8	43.6	10.0	30.8	6.5	8.2
1253	CANDURA	13.9	1.80	61.9	46.1	100	165.2	34.8	0.4	74.3	61.9	12.7	0.70	2	248.6	0.87	32.7	12.4	665	29.6	56.7	43.5	10.0	31.7	7.6	8.1
1401	IRIDE	12.3	1.85	64.7	45.9	79	164.8	34.6	0.8	70.0	59.7	11.3	0.77	6	112.5	1.17	27.4	10.2	559	22.4	57.1	36.0	7.0	30.7	8.4	8.0
1402	MERIDIANO	13.0	1.77	62.3	45.5	93	166.9	32.9	0.4	74.3	60.6	11.7	0.74	1	115.8	1.49	29.7	11.1	644	26.7	54.5	37.7	7.5	30.6	7.9	7.4
1403	IONIO	14.0	1.83	61.1	42.7	100	166.9	32.9	0.4	70.8	61.2	13.0	0.87	3	220.4	0.63	36.3	13.9	702	25.0	56.6	39.2	8.0	30.7	7.1	9.2
1404	LIBECCIO	14.1	1.85	63.0	48.8	100	176.5	23.5	0.3	76.8	63.4	13.0	0.80	9	110.5	1.32	36.5	13.9	609	24.3	53.1	37.3	7.5	31.8	7.1	7.7
ADVANCED LINES																										
1250	YU 895-130	14.9	1.72	62.8	38.3	100	155.5	43.9	1.0	71.1	60.8	13.3	0.76	1	151.5	0.32	39.2	15.5	806	32.0	55.7	46.4	10.0	31.0	6.7	8.5
1303	WWW D6523	14.0	1.76	62.2	49.3	100	176.4	23.2	0.3	76.6	62.9	12.6	0.55	5	121.9	0.46	35.7	14.0	658	27.3	57.1	43.8	10.0	29.9	7.6	8.5
1304	WWW D5384-2	13.9	1.87	61.5	37.2	100	153.9	45.0	0.9	73.2	61.5	12.6	0.82	3	314.4	1.00	31.6	11.7	793	29.2	55.6	44.1	10.0	28.9	7.4	7.0
1369	WWW D1138	15.1	1.79	64.7	49.5	100	178.4	21.6	0.3	74.4	60.8	13.4	0.73	1	246.7	1.24	36.1	13.5	797	25.4	56.5	41.3	9.5	30.0	5.9	8.2
1371	YU 897-44	14.5	1.85	62.0	48.3	100	166.7	32.8	0.8	73.0	61.3	12.9	0.78	3	221.9	0.60	37.6	14.0	870	30.7	55.0	45.1	10.0	30.7	7.4	8.2
1372	YU 897-60	13.9	1.81	62.7	47.2	100	175.1	24.9	0.2	76.6	61.6	12.8	0.76	2	171.4	0.50	36.9	14.2	831	29.1	57.4	43.4	10.0	29.2	6.4	9.3
1375	UCD 992050023	13.2	1.94	63.2	46.5	100	173.7	27.1	0.2	74.0	63.2	12.1	0.87	3	180.0	0.70	31.1	11.7	669	27.0	56.0	42.0	9.5	28.9	7.2	8.3
1376	APB D990D-213	13.5	1.59	62.9	46.5	100	164.8	34.9	0.4	75.7	62.6	12.5	0.73	4	167.6	0.69	34.8	13.3	732	28.6	56.6	44.9	10.0	29.4	5.9	8.4
1380	APB D99-224	13.6	1.85	62.4	42.7	100	163.1	35.5	1.4	72.5	61.7	12.5	0.83	2	206.3	0.99	28.7	10.5	823	26.2	58.3	42.5	9.5	30.6	7.2	7.5
1405	GD 007	15.1	1.83	63.4	43.0	100	159.9	40.4	0.5	70.1	62.9	14.0	0.89	2	155.5	1.08	36.3	13.8	629	26.7	55.6	40.7	8.5	29.8	7.5	9.0
1406	UCD 022040010	14.2	1.69	62.9	50.5	100	176.2	24.3	0.6	67.6	57.2	13.1	0.76	6	264.2	1.25	33.1	12.5	1075	24.5	54.9	39.5	8.5	29.9	7.9	7.8
1407	UCD 022040012	14.3	1.75	64.4	54.4	100	190.8	9.3	0.2	70.1	58.7	13.1	0.72	7	317.4	1.17	35.7	13.4	771	27.9	55.9	42.5	9.0	29.6	6.0	8.2
1408	UCD 022040019	13.6	1.75	63.8	56.2	99	187.2	12.4	0.2	65.3	54.2	12.4	0.79	7	150.7	0.57	35.8	13.7	899	27.9	55.4	42.8	9.0	29.3	6.6	8.2
1409	APB D990D-394	13.3	1.81	60.7	38.6	100	160.6	38.4	0.7	75.1	64.3	12.2	0.89	3	123.9	1.04	34.5	13.1	729	28.4	55.7	43.0	9.5	29.7	6.5	8.4
1410	WWW D01930	13.3	1.82	65.8	42.6	100	172.5	27.6	0.4	75.9	64.0	12.1	0.75	7	210.8	0.92	33.4	12.5	614	22.6	57.5	37.6	7.5	29.7	7.6	7.0
1411	WWW D2515	13.5	1.83	63.8	49.8	100	180.7	19.5	0.2	74.6	62.8	12.4	0.84	7	195.3	1.05	31.0	11.4	581	24.5	56.2	36.7	7.5	29.7	7.6	7.0
1412	WWW D4079	12.9	1.90	63.3	42.9	100	165.9	34.2	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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.