

Table 33. 2014 Imperial Durum Wheat Test, Quality Evaluation

Entry	Name	Milling																		Pasta							
		Grain									Semolina									Color "b"	Color L	Color b	Color Score	Cook Wt	Cook Loss	Firm	
		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.
CULTIVARS																											
878	DURAKING	13.96	1.64	63.8	54.1	100	0.0	95.9	4.3	0.1	76.2	65.6	12.66	0.92	14	230.1	1.61	35.3	-	787	22.43	51.92	32.01	5.5	63.78	6.1	5.3
951	KRONOS	14.66	1.44	62.1	61.7	100	1.0	98.9	1.2	0.0	75.1	62.6	13.58	0.90	17	222.4	1.49	39.15	-	999	24.34	50.60	37.34	7.5	62.08	5.3	6.1
1166	CROWN	15.01	1.51	59.7	51.0	100	1.0	93.7	6.5	0.1	76.4	63.7	13.87	0.91	14	140.6	0.65	41.1	-	999	24.11	50.99	37.90	7.5	59.74	4.7	7.1
1210	PLATINUM	13.69	1.60	63.1	46.7	100	2.0	92.4	8.0	0.1	75.2	65.2	12.70	0.98	11	243.9	1.02	35.2	-	737	25.90	52.75	37.27	7.5	63.11	5.4	6.0
1211	TOPPER	13.14	1.66	62.0	39.2	100	0.0	78.5	21.0	0.7	76.2	65.1	12.58	0.88	11	0.0	0.00	37.2	-	721	24.45	50.16	35.44	6.0	61.97	6.0	6.0
1215	ORITA	15.61	1.60	58.6	44.8	100	1.0	89.1	11.3	0.1	73.3	64.7	14.62	0.84	20	240.4	1.05	41.05	-	999	28.36	54.03	39.30	8.0	58.58	4.7	7.0
1375	DESERT KING	15.25	1.75	59.2	40.0	99	0.0	83.5	16.2	0.4	72.2	65.1	14.02	0.85	14	226.8	1.16	40.75	-	776	24.94	53.75	39.72	8.5	59.17	4.8	7.9
1429	FORTISSIMO	14.52	1.77	61.1	43.3	99	0.0	79.5	20.6	0.0	73.2	64.4	13.30	0.80	20	92.6	0.66	38	-	573	26.08	53.97	39.69	8.5	61.11	5.1	6.2
1431	VOLANTE	13.26	1.62	62.4	52.4	100	0.0	96.8	3.4	0.0	78.8	69.3	12.21	1.04	17	83.6	0.63	32.5	-	863	29.73	55.63	41.09	9.0	62.39	5.0	6.6
1473	Q-MAX	14.28	1.56	59.9	47.0	100	0.0	90.5	9.4	0.1	79.6	68.2	13.38	0.94	11	145.2	0.65	38.85	-	999	23.70	53.55	36.51	7.5	59.90	5.0	6.5
1479	HAVASU	15.63	1.75	62.9	54.6	100	0.0	98.4	1.8	0.0	76.0	63.7	14.02	1.05	23	372.5	1.63	37.55	-	999	28.33	53.15	38.68	8.0	62.87	4.8	7.2
1484	WESTMORE	15.52	1.66	62.0	48.3	100	1.0	93.5	6.4	0.1	78.5	67.1	14.27	0.95	14	359.8	1.78	38.3	-	999	27.34	54.27	39.61	8.5	61.99	3.9	7.0
1582	MAESTRALE	13.52	1.68	63.3	47.4	100	0.0	93.4	7.0	0.2	79.2	69.3	12.80	1.00	17	139.3	0.70	36.6	-	719	23.12	54.09	37.23	7.5	63.28	5.1	5.4
1583	SARAGOLLA	13.28	1.94	63.2	52.6	100	5.0	92.8	7.1	0.1	79.2	69.7	12.40	0.93	20	150.0	1.33	32.2	-	665	23.55	52.18	34.85	6.0	63.15	4.9	5.9
1585	UC-TIPAI	13.64	1.66	63.4	54.1	100	0.0	94.9	5.3	0.0	79.6	68.5	12.65	0.78	14	139.0	0.87	37.35	-	999	26.44	55.64	40.16	8.5	63.36	5.1	5.5
1607	WB-MEAD	15.21	1.91	57.7	38.3	100	0.0	85.0	14.8	0.3	74.1	65.5	14.24	0.91	17	291.2	1.99	36.45	-	999	27.54	52.04	38.09	8.0	57.74	4.2	5.5
1627	DESERT KING-HP	16.02	2.09	57.5	34.2	100	0.0	78.3	21.5	0.2	74.2	65.8	15.57	0.82	20	309.3	1.49	42.7	-	>500	27.69	52.52	39.67	8.5	57.55	3.7	6.0
1640	APB-TIBURON	14.64	1.73	61.8	61.7	100	0.0	99.1	0.9	0.0	79.9	69.7	13.70	0.99	11	264.2	1.30	35.25	-	>500	25.18	53.10	39.26	8.5	61.77	4.2	5.6
1654	WB-MOHAVE	15.24	1.82	62.9	56.2	100	1.0	98.0	2.3	0.0	78.6	68.3	14.41	0.92	14	382.6	1.98	38.45	-	>500	27.36	53.02	40.56	8.5	62.87	4.7	5.5
1690	UC-MIWOK	14.77	1.60	47.9	57.5	100	1.0	99.1	1.1	0.0	79.8	69.8	13.86	0.84	11	106.0	0.67	43.05	-	>500	22.74	53.82	38.30	8.0	47.88	4.6	5.6
ADVANCED LINES																											
1655	WB YU807-115	14.18	1.91	62.8	54.4	100	1.0	98.3	2.0	0.1	75.8	74.9	13.37	0.99	23	342.0	1.60	37.8	-	>500	24.62	53.34	39.10	8.5	62.80	4.8	5.9
1697	LCS KIKO	13.05	1.66	62.3	57.5	100	3.0	97.1	2.9	0.0	78.8	69.2	12.24	0.94	20	110.5	1.35	31.85	-	>500	22.95	53.76	36.06	6.0	62.30	5.9	5.0
1698	LCS ATHORIS	13.24	1.56	62.4	54.4	100	1.0	94.3	5.5	0.1	71.8	63.4	11.49	0.72	14	151.8	1.80	32.85	-	>500	24.78	55.00	36.75	7.5	62.42	5.1	5.1
1721	LCS ALIRON	12.70	1.37	63.4	56.2	99	1.0	96.5	3.4	0.0	68.2	61.3	11.24	0.60	17	49.4	1.07	29.3	-	>500	25.43	57.80	39.59	8.5	63.37	5.0	5.1
1733	WWW D2517	12.63	1.58	63.3	48.3	100	3.0	94.9	4.9	0.1	71.6	63.4	11.70	0.73	17	106.6	0.77	35.45	-	>500	23.50	56.31	38.00	8.5	63.30	4.8	5.2
1756	UC 1756	14.59	1.88	60.4	44.8	100	0.0	88.6	11.2	0.2	71.8	64.7	13.56	0.83	11	181.0	1.09	36.45	-	>500	25.59	54.69	39.77	8.5	60.44	4.9	5.2
1758	UC 1758	15.41	1.83	60.0	50.5	100	0.0	92.9	7.0	0.0	74.1	66.3	14.68	0.83	11	245.8	0.59	42.55	-	>500	30.27	56.08	44.99	10.0	60.00	3.8	6.5
1770	UC 13210-5	13.50	1.69	62.9	57.1	100	0.0	95.1	4.9	0.0	72.6	63.4	12.68	0.75	20	163.5	0.67	38.1	-	>500	30.89	55.67	46.49	10.5	62.87	5.4	7.6
1771	UC 13210-21	13.62	1.75	63.4	51.6	100	1.0	93.5	6.6	0.1	76.4	64.2	12.81	0.81	20	196.7	0.89	40.55	-	>500	25.38	55.42	44.10	10.0	63.36	5.7	7.6
1776	WWW D2517Bell025	14.37	1.65	63.2	54.4	100	1.0	97.4	2.7	0.0	74.3	64.4	13.06	0.88	11	138.8	1.20	37.7	-	>500	25.49	54.69	40.73	8.5	63.20	5.5	7.7
1782	APB 11705	17.48	1.92	55.0	64.9	100	1.0	94.0	5.8	0.0	76.9	64.2	16.89	1.12	17	72.5	1.51	34.1	-	>500	22.89	53.00	32.67	5.5	55.02	5.2	7.9
1783	APB 11907	12.79	1.51	63.8	49.5	100	3.0	95.2	4.7	0.1	73.4	62.7	11.54	0.75	26	214.0	1.60	31	-	>500	28.04	55.77	42.23	9.0	63.84	5.2	7.5
1784	APB 11908	13.73	1.70	62.7	50.5	100	4.0	95.9	4.2	0.0	73.4	63.7	12.80	0.82	20	230.3	1.10	36.45	-	>500	28.41	56.22	44.05	10.0	62.68	4.8	8.7
1785	APB 11710	12.60	1.73	63.1	47.2	100	6.0	94.5	5.4	0.1	73.0	62.0	11.88	0.80	26	178.9	0.89	32.05	-	>500	30.41	55.39	44.29	9.5	63.06	5.1	7.3
1786	KAMUT	14.36	1.68	62.9	48.5	100	0.0	95.6	4.5	0.0	72.9	62.8	13.14	0.78	20	348.3	1.65	36.25	-	>500	28.06	54.97	42.72	9.0	29.25	5.1	7.7

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.