

2013 Fresno 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	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
								7W	10W	12W		Semo	Pro															
<b>CULTIVARS</b>																												
878	DURAKING	13.01	1.68	63.3	50.0	100	0.2	184.4	15.4	0.2	78.7	64.4	11.93	0.68	8	208.0	2.50	32.9	13	628	22.76	50.95	30.15	4.5	29.02	7.8	6.3	
951	KRONOS	14.02	1.55	63.4	55.9	99	0.1	195.0	50.0	0.1	79.7	64.1	12.79	0.82	16	196.9	1.70	37.7	15.3	522	25.06	50.85	37.41	7.5	29.54	8.0	6.6	
1166	CROWN	13.28	1.38	623.0	51.0	99	0.3	186.7	13.1	0.1	79.7	63.8	12.14	0.91	10	179.2	0.80	35.2	13.6	570	23.44	54.22	35.75	7.0	30.41	7.9	6.3	
1210	PLATINUM	9.80	1.32	62.0	53.8	50	0.3	185.4	14.4	0.3	81.2	62.6	9.52	0.59	12	132.1	1.30	29.1	11.4	610	22.64	53.98	32.43	5.5	29.38	8.2	5.6	
1211	TOPPER	12.83	1.56	65.3	45.1	100	0.3	177.7	22.0	0.2	79.4	63.5	11.56	0.73	13	107.3	2.14	31.9	11.7	516	20.40	50.84	31.79	4.5	30.05	8.1	5.7	
1375	DESERT KING	14.29	1.40	63.0	45.7	100	-	181.2	18.5	0.2	79.4	66.5	13.16	0.88	8	22.8	1.74	37.7	14.2	585	24.04	50.40	35.48	6.0	29.54	7.6	6.9	
1429	FORTISSIMO	12.67	1.42	63.2	45.7	100	-	175.6	24.1	0.1	78.4	64.4	11.90	0.74	13	150.4	1.43	32.4	11.8	642	25.90	48.96	36.01	5.5	29.37	8.5	6.4	
1431	VOLANTE	10.08	1.55	64.5	49.5	78	-	193.3	6.8	0.1	79.7	62.8	9.35	0.77	8	84.4	1.13	23.7	10.6	636	26.75	53.26	35.82	6.0	30.14	7.5	6.1	
1473	Q-MAX	12.97	1.59	63.5	49.5	99	-	186.7	13.0	0.2	80.6	64.6	11.98	1.08	13	214.5	1.45	32.4	12.8	510	24.10	51.32	33.65	5.5	29.44	7.4	6.6	
1484	WESTMORE	15.17	1.46	628.0	42.0	100	-	180.8	18.8	0.0	79.0	61.3	14.12	0.91	9	284.5	1.98	42.6	18.2	551	26.70	48.89	34.56	5.5	30.06	8.4	6.2	
1582	MAESTRALE	12.31	1.56	64.2	47.8	99	-	175.5	23.8	0.3	79.9	65.5	11.58	0.84	8	154.3	1.71	33.2	12.9	598	22.75	49.47	32.79	4.5	29.82	9.0	6.2	
1583	SARAGOLLA	13.19	1.83	64.7	49.3	98	-	184.0	15.5	0.2	79.8	66.9	12.38	0.66	7	225.0	2.34	34.7	12.1	562	21.96	48.73	33.28	4.5	30.25	8.3	5.9	
1585	TIPAI	12.72	1.46	64.7	53.5	100	-	189.1	10.4	0.1	78.5	66.2	11.70	0.69	4	191.6	1.84	33.7	14	637	25.34	50.40	36.14	6.0	30.36	8.1	6.1	
1627	DESERT KING-HP	15.53	1.49	61.5	43.7	100	-	176.1	23.6	0.1	79.0	66.0	14.67	0.76	11	326.4	1.76	47.3	19.6	686	25.03	49.33	34.68	5.5	30.79	8.4	5.8	
<b>ADVANCED LINES</b>																												
1640	APB D1-2	11.80	1.44	63.5	57.1	95	-	197.0	3.0	0.1	80.0	67.7	10.93	0.84	7	213.9	1.64	34.8	14.2	612	24.88	50.98	36.74	7.5	29.99	7.9	6.4	
1690	UC 1690	14.93	1.65	62.6	46.3	100	-	177.9	21.1	0.2	80.3	67.2	13.07	0.70	7	194.9	1.42	40.7	16.4	510	24.54	50.82	36.42	7.5	29.37	8.1	6.6	
1695	WWW NDRPD3D13	11.43	1.59	64.5	50.8	91	-	192.3	7.9	0.2	80.5	66.8	10.86	0.84	7	92.2	1.46	31.7	11.4	535	23.86	49.43	30.38	4.0	29.61	8.1	5.7	
1696	WWW UT07412	13.69	1.54	63.7	55.9	99	-	197.0	2.9	0.1	78.0	68.0	12.41	0.82	12	96.1	2.39	41.3	14.7	592	21.47	54.83	34.48	6.0	29.34	7.0	6.7	
1697	LG KIKO NICK	11.87	1.53	64.6	58.1	98	-	193.1	5.8	0.3	78.8	67.6	10.68	0.69	10	138.0	2.23	34.2	13.1	662	22.50	50.83	31.38	4.5	30.28	6.0	5.7	
1698	LG ATHORIS	11.03	1.65	64.7	47.4	70	-	186.9	12.8	0.2	78.9	65.4	9.98	0.66	9	224.3	4.32	27.6	10.4	555	23.07	52.87	32.47	5.5	30.16	7.9	5.6	
1717	UC 1717	14.80	1.64	62.4	45.5	100	-	179.7	20.2	0.2	78.7	66.8	14.06	0.82	5	280.6	2.02	37.2	14	589	24.59	48.78	35.98	6.0	29.62	7.9	6.3	
1720	LG IMHOTEP	12.22	1.69	64.6	48.5	97	-	186.2	12.5	0.1	78.3	65.3	11.41	0.82	14	183.8	2.43	31.2	10.9	547	26.82	50.86	35.12	6.0	30.51	7.3	6.2	
1721	LG ALIROR	10.69	1.64	65.1	55.2	75	-	197.6	2.6	0.0	79.5	64.3	9.69	0.69	6	100.7	2.08	26.9	10	581	21.52	53.91	30.32	4.5	30.76	7.6	5.8	
1733	WWW D2517	12.10	1.61	64.8	47.8	96	0.2	179.8	19.6	0.1	79.6	65.4	11.08	0.75	8	132.1	1.47	32.5	12	522	22.58	52.84	29.48	4.5	28.43	7.8	5.7	
1739	WWW CANBELL013	11.07	1.75	63.8	49.8	88	-	187.3	12.4	0.1	78.8	65.1	10.26	0.82	14	186.7	1.48	27	10	560	24.47	53.97	38.08	8.0	29.67	7.2	6.0	
1752	APB D6-419	15.04	1.56	63.2	50.5	100	-	188.1	11.7	0.2	77.4	65.5	14.17	0.82	7	273.4	1.18	39.5	16.3	621	25.90	51.79	31.74	4.5	28.34	8.3	6.0	
1753	APB D7-12	12.06	1.58	62.5	45.7	95	-	165.9	2.3	0.0	77.7	63.8	11.08	0.78	7	151.1	0.89	30.9	11.5	529	27.71	53.85	39.19	8.0	29.63	7.8	5.7	
1754	APB KRLCD	13.31	1.64	63.5	57.5	100	-	197.9	23.0	0.1	75.8	64.5	12.09	0.75	11	197.5	1.66	35.8	13.3	643	26.62	52.84	40.15	8.5	30.21	8.0	6.0	
1755	UC 12210/8	12.63	1.49	63.8	50.5	100	-	187.2	12.8	0.1	78.4	63.7	11.75	0.82	13	221.7	1.76	33.2	13.5	542	23.36	53.44	37.33	7.5	28.99	7.1	6.5	
1756	UC 12210/9	13.73	1.73	63.9	51.8	100	-	181.7	18.2	0.2	77.7	64.0	14.79	0.82	12	207.9	1.43	38.5	14.2	523	23.75	52.39	37.38	7.5	28.76	6.7	6.2	
1757	UC 12213/43	15.53	1.75	62.5	47.2	100	-	184.8	15.1	0.1	76.2	61.4	13.78	0.74	9	350.5	1.51	45.9	21	923	27.28	52.50	40.86	8.5	29.90	6.3	7.0	
1758	UC 12216/5	14.37	1.44	62.8	52.9	100	-	188.6	11.3	0.2	78.7	63.3	13.45	0.80	10	272.7	0.88	43.8	19.1	694	28.27	52.59	42.07	9.0	29.26	6.6	6.6	
1765	WWW AUD31370	14.02	1.58	64.2	54.1	100	-	193.8	6.2	0.1	76.7	63.5	13.12	0.76	8	140.6	1.15	38.7	13.9	626	24.05	53.43	38.42	8.0	29.87	7.1	6.1	

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.