

Common wheat grain quality under differing nitrogen and water management, Fresno & Davis.

Entry	Name	Wheat											
		Protein %		Moisture %	Ash %		Diameter	Hardness	Test Weight	1000 KWt	Kernel Size Dist		
		(as is)	(12 % MB)		(as is)	(12 % MB)	(mm)		(lbs/bu)		L	M	S
Fresno - Conventional													
1840	APB 410117	11.58	11.19	8.93	1.29	1.24	3.08	57.23	63.04	48.78	93	7	0
1841	APB 510453	12.84	12.33	8.33	1.34	1.29	3.09	67.32	63.32	42.02	89	11	0
1830	LCS 12SB0197	11.84	11.40	8.60	1.36	1.31	3.11	59.07	61.95	48.54	91	9	0
1831	LCS 12SB0224	12.00	11.53	8.43	1.47	1.41	3.06	66.70	61.93	44.64	91	9	0
1834	SY 13W00850	12.74	12.26	8.56	1.34	1.29	3.00	70.15	63.60	43.67	90	10	0
1835	SY 13W00888	11.97	11.55	8.82	1.45	1.40	3.06	56.00	62.54	44.84	94	6	0
1838	UC 16010 20	13.56	13.01	8.27	1.35	1.30	3.06	67.97	64.16	42.55	92	8	0
1842	WB 9350	11.63	11.16	8.32	1.35	1.29	3.01	66.52	63.36	42.55	91	9	0
1478	SY CAL ROJO	11.32	10.98	9.27	1.29	1.25	2.91	57.73	62.09	44.44	88	12	1
1657	SY BLANCA GRANDE 515	13.23	12.69	8.23	1.33	1.28	3.00	63.94	63.60	41.67	89	11	0
	<i>Mean</i>	12.27	11.81	8.58	1.36	1.31	3.04	63.26	62.96	44.37	91	9	0
	<i>Stdev</i>	0.76	0.71	0.34	0.06	0.06	0.06	5.23	0.78	2.52	2	2	0
Fresno - Low Nitrogen													
1840	APB 410117	8.63	8.37	9.27	1.82	1.76	3.23	41.07	62.76	50.25	98	2	0
1841	APB 510453	8.14	7.88	9.12	1.78	1.72	3.10	57.46	63.78	44.44	94	6	0
1830	LCS 12SB0197	8.51	8.24	9.10	1.74	1.68	3.04	43.84	61.92	43.48	90	10	0
1831	LCS 12SB0224	9.76	9.44	8.98	1.83	1.77	3.02	62.29	63.35	40.00	93	7	0
1834	SY 13W00850	9.73	9.42	9.08	1.82	1.76	3.15	65.88	63.60	43.48	95	5	0
1835	SY 13W00888	8.98	8.70	9.15	1.81	1.75	3.13	49.84	63.59	45.25	96	4	0
1842	WB 9350	7.82	7.59	9.37	1.79	1.74	3.06	57.68	64.11	41.84	92	8	0
1478	SY CAL ROJO	9.03	8.76	9.32	1.79	1.74	3.02	46.88	63.04	41.67	94	6	0
1657	SY BLANCA GRANDE 515	9.21	8.90	8.89	1.72	1.66	2.96	64.53	65.32	37.17	89	10	0
	<i>Mean</i>	8.87	8.59	9.14	1.79	1.73	3.08	54.39	63.50	43.06	93	6	0
	<i>Stdev</i>	0.66	0.63	0.16	0.04	0.04	0.08	9.24	0.94	3.64	3	3	0
Fresno - Low Water													
1840	APB 410117	12.79	12.31	8.52	1.85	1.78	3.26	54.99	63.63	56.82	93	7	0
1841	APB 510453	10.60	10.19	8.45	1.45	1.39	3.11	73.79	64.57	46.08	93	7	0
1830	LCS 12SB0197	12.08	11.68	9.00	1.29	1.25	3.01	64.25	63.49	45.08	90	10	0
1831	LCS 12SB0224	9.85	9.50	8.75	1.55	1.49	3.05	72.09	63.99	43.67	94	6	0
1834	SY 13W00850	9.90	9.54	8.68	1.44	1.39	3.08	69.16	65.06	46.51	95	5	0
1835	SY 13W00888	12.26	11.84	8.88	1.35	1.31	3.18	55.71	63.99	50.51	97	3	0
1838	UC 16010 20	14.06	13.54	8.63	1.50	1.45	3.06	72.82	64.61	45.66	92	8	0
1842	WB 9350	12.31	11.87	8.74	1.34	1.29	3.17	69.42	64.27	48.78	93	7	0
1478	SY CAL ROJO	9.64	9.33	9.10	1.39	1.35	2.97	57.99	63.38	45.66	89	10	1
1657	SY BLANCA GRANDE 515	12.15	11.77	9.15	1.51	1.47	3.04	67.55	65.58	45.05	89	11	0
	<i>Mean</i>	11.57	11.16	8.79	1.47	1.42	3.09	65.78	64.26	47.38	92	8	0
	<i>Stdev</i>	1.48	1.42	0.24	0.16	0.15	0.09	7.17	0.71	3.85	3	2	0
Davis - Conventional													
1840	APB 410117	12.89	12.66	10.39	1.38	1.35	3.10	58.85	61.74	50.76	96	4	0
1841	APB 510453	13.45	13.22	10.44	1.43	1.40	3.04	69.77	63.54	45.70	93	7	0
1830	LCS 12SB0197	11.00	10.71	9.62	1.42	1.38	2.90	61.78	61.13	43.86	89	13	0
1831	LCS 12SB0224	13.40	13.18	10.54	1.52	1.49	2.92	79.44	61.53	41.49	89	11	0
1834	SY 13W00850	13.20	12.93	10.13	1.56	1.53	3.05	72.23	63.47	42.74	92	8	0
1835	SY 13W00888	13.26	12.96	9.96	1.60	1.56	3.08	58.84	62.98	47.62	95	5	0
1838	UC 16010 20	13.88	13.54	9.79	1.51	1.47	2.99	71.60	62.96	41.84	91	9	0
1842	WB 9350	12.00	11.72	9.92	1.58	1.54	3.02	72.82	62.99	42.92	89	12	1
1478	SY CAL ROJO	12.70	12.37	9.65	1.62	1.58	2.78	63.91	61.06	42.92	85	15	0
1657	SY BLANCA GRANDE 515	13.26	12.93	9.75	1.54	1.50	2.97	65.30	64.59	42.55	92	8	0
	<i>Mean</i>	12.90	12.62	10.02	1.52	1.48	2.99	67.45	62.60	44.24	91	9	0
	<i>Stdev</i>	0.84	0.84	0.34	0.08	0.08	0.10	6.79	1.18	2.95	3	3	0
Davis - Low Nitrogen													
1840	APB 410117	9.97	9.76	10.15	1.78	1.74	3.27	44.90	62.34	56.82	97	3	0
1841	APB 510453	9.33	9.14	10.16	1.77	1.74	3.14	64.44	63.16	45.66	93	7	0
1830	LCS 12SB0197	10.78	10.55	10.10	1.52	1.48	3.17	55.90	61.58	50.00	93	7	0
1831	LCS 12SB0224	9.01	8.84	10.27	1.79	1.76	3.06	53.58	63.39	44.25	94	6	0
1834	SY 13W00850	8.10	7.94	10.32	1.62	1.59	3.13	38.17	60.69	49.50	91	8	1
1835	SY 13W00888	9.77	9.59	10.32	1.80	1.76	3.17	48.71	62.08	49.02	97	3	0
1842	WB 9350	10.75	10.50	9.88	1.65	1.62	3.12	61.69	62.57	46.95	90	9	1
1478	SY CAL ROJO	9.71	9.53	10.35	1.75	1.72	3.00	48.20	61.61	47.62	93	7	0
1657	SY BLANCA GRANDE 515	10.87	10.63	9.97	1.91	1.87	2.91	74.99	64.16	40.65	88	12	0
	<i>Mean</i>	9.81	9.61	10.17	1.73	1.70	3.11	54.51	62.40	47.83	93	7	0
	<i>Stdev</i>	0.92	0.89	0.16	0.12	0.11	0.11	11.21	1.06	4.47	3	3	0