

Table 15. 2014 Fresno Common Wheat Trial, Quality Evaluation

Entry Name	Wheat							Yield	Flour				Farinograph					Bread		
	Pro	Ash	Test Wt	1000 Kwt	Kernel Size Dist. (200 g)				Pro	Ash	Fall No.	Wet Glut.	Absp	Arr	Mix Pk	MT	M.T.I.	Vol	Text	Score
					7W	10W	12W													
CULTIVARS																				
20 ANZA	9.43	1.45	63.7	37.3	93.6	6.3	0.1	72.6	8.87	0.34	354	17.6	61.6	1.25	2.25	5.50	50	775	5	5
1340 MIKA	12.01	1.61	62.5	39.8	85.4	14.2	0.3	66.9	10.70	0.35	370	29.3	62.2	1.50	5.50	25.50	50	940	8	8
1419 PATWIN	10.12	1.50	63.0	35.7	85.8	14.0	0.2	65.3	9.40	0.40	478	26.0	66.4	2.00	14.00	24.00	20	860	6	6
1424 JOAQUIN	11.15	1.52	64.0	42.5	90.4	9.6	0.2	72.4	10.35	0.38	407	29.7	64.0	2.00	9.00	26.00	50	970	9	9
1478 CAL ROJO	9.40	1.63	63.7	44.5	93.5	6.4	0.2	69.5	8.41	0.39	414	23.4	60.8	1.75	7.25	23.75	20	860	7	7
1495 LASSIK	10.20	1.57	64.4	36.7	89.5	10.3	0.1	73.4	8.66	0.32	370	27.7	62.0	1.50	4.00	11.50	60	875	7	7
1521 REDWING	9.82	1.53	62.7	4.3	93.6	6.3	0.1	68.1	8.44	0.43	437	22.9	65.4	1.25	2.25	7.25	40	790	5	5
1522 BLANCA ROYALE	10.86	1.71	64.2	38.6	86.9	12.7	0.3	67.4	8.91	0.29	373	22.8	58.4	1.00	1.50	10.50	20	750	5	5
1526 PR 1404	9.61	1.78	61.8	39.9	85.7	14.0	0.2	71.6	8.16	0.43	425	23.0	57.0	1.00	1.50	4.75	70	790	5	5
1550 TRIPLE IV	10.86	1.66	63.5	38.7	91.4	8.5	0.2	67.3	8.72	0.43	496	24.9	63.6	1.50	2.00	13.00	30	780	5	5
1590 ULTRA	10.07	1.68	64.9	43.9	90.1	9.6	0.2	70.9	8.56	0.36	346	26.1	59.4	1.00	3.50	8.25	50	800	6	6
1608 FV 2808	9.04	1.56	63.9	36.3	88.9	10.8	0.2	64.8	7.25	0.38	304	20.4	60.8	1.25	1.75	3.75	70	640	3	3
1650 WB-ROCKLAND	12.56	1.48	64.5	43.4	90.1	9.7	0.1	68.8	10.52	0.33	401	33.2	65.2	3.00	6.50	24.00	40	975	9	9
1657 BLANCA GRANDE 515	11.45	1.30	65.9	42.1	92.8	7.1	0.1	69.6	10.19	0.32	332	30.5	63.8	1.75	6.00	34.50	30	930	8	8
1658 SUMMIT 515	9.79	1.46	63.9	37.9	90.1	9.5	0.2	67.5	8.90	0.40	359	25.9	63.0	1.75	3.00	7.75	40	825	6	6
1660 SY 314	8.62	1.33	63.0	42.1	89.8	10.1	0.2	67.5	8.44	0.30	341	27.7	60.4	1.50	6.50	11.50	40	800	6	6
1667 NEW DIRKWIN	10.24	1.38	59.4	36.3	88.7	11.2	0.2	65.5	8.31	0.36	257	34.5	54.6	1.50	2.50	5.00	80	740	4	4
1680 PATWIN 515	11.98	1.42	63.2	32.4	79.4	19.8	0.6	67.4	9.84	0.41	477	23.6	61.8	1.75	5.25	38.25	20	875	7	7
1688 LCS-STAR	9.68	1.34	64.8	38.8	90.8	8.9	0.2	69.7	8.39	0.37	390	25.8	61.0	1.50	2.50	40.00	0	840	6	6
1723 LCS-ATOMO	10.23	1.37	65.1	52.0	88.7	10.8	0.4	67.1	8.80	0.44	509	23.9	65.2	1.50	2.50	10.50	40	800	6	6
1728 WB-JOAQUIN ORO	13.09	1.51	65.0	45.3	92.7	7.2	0.1	72.6	11.62	0.41	437	34.3	67.6	3.50	12.25	21.25	10	1020	10	10
1729 WB-PERLA	13.08	1.46	64.0	42.1	90.4	9.3	0.1	71.0	11.69	0.37	323	36.5	72.6	10.25	17.00	14.25	20	1025	10	10
1730 WB-9229	12.04	1.51	64.7	36.5	83.7	15.9	0.2	68.7	11.00	0.47	477	31.0	68.0	12.00	34.50	28.00	0	1000	10	10
1731 WB-PATRON	10.96	1.55	63.9	45.0	93.1	6.6	0.1	69.2	8.96	0.41	373	27.1	61.6	2.50	12.00	27.50	20	825	6	6
1766 SY-VACA	8.50	1.52	58.9	36.6	85.0	15.0	0.3	63.9	7.31	0.53	330	18.1	50.2	0.25	0.75	2.75	110	670	3	3
ADVANCED LINES																				
1498 WWW BR0202W	11.80	1.52	63.8	37.8	88.0	12.1	0.1	70.8	10.17	0.34	416	28.8	61.0	2.00	6.75	14.50	40	925	7	7
1726 LCS 08SB0738	11.92	1.43	64.8	36.9	87.7	11.7	0.5	69.1	9.82	0.35	435	27.3	66.6	8.50	14.25	15.75	20	840	6	6
1744 UC 1744	10.79	1.44	63.4	38.8	91.7	8.2	0.1	68.0	9.23	0.39	416	29.8	61.8	1.50	6.00	10.50	50	975	9	9
1745 UC 12014/35	11.27	1.21	64.6	39.1	92.9	7.0	0.1	70.2	9.94	0.34	423	29.3	63.4	2.50	7.00	17.00	60	880	7	7
1746 APB 770229	11.27	1.42	64.9	41.9	90.7	9.1	0.0	71.0	9.15	0.35	430	27.4	64.2	10.00	18.50	19.00	20	940	8	8
1747 APB 430701	10.79	1.60	63.1	38.4	82.8	16.9	0.2	67.7	10.23	0.36	371	26.1	60.4	1.50	12.00	40.00	20	850	7	7
1748 WB 9112	10.98	1.38	65.1	39.1	90.8	9.0	0.1	70.8	10.01	0.37	434	29.7	70.0	11.00	18.50	12.50	30	900	8	8
1749 WB 7618	10.66	1.47	64.6	43.8	89.4	10.2	0.1	68.5	9.33	0.50	396	31.1	69.8	3.25	6.25	15.00	10	940	8	8
1750 WB 7390	10.23	1.68	65.1	46.6	95.3	4.6	0.0	66.8	9.62	0.46	416	26.0	68.4	2.00	11.50	39.00	30	860	6	6
1751 WB 9904	12.42	1.54	63.0	46.6	94.2	5.7	0.0	71.6	11.32	0.42	391	31.0	60.0	1.25	3.75	31.75	20	750	5	5
1767 UC 13010-23	11.80	1.36	64.8	42.8	93.1	6.9	0.0	71.8	10.23	0.39	369	32.4	60.4	1.50	3.00	6.00	70	870	7	7
1768 UC 13010-31	9.66	1.56	65.0	40.1	88.4	11.4	0.2	65.8	8.68	0.43	329	26.4	65.4	1.75	15.50	21.75	20	870	7	7
1769 UC 13010-34	10.45	1.39	64.7	44.3	92.5	7.5	0.0	71.3	8.95	0.41	412	23.2	59.6	1.25	3.00	38.75	20	800	6	6
1772 LCS 11SB0096	12.03	1.35	64.6	42.8	92.9	7.1	0.1	71.7	9.80	0.37	394	28.2	63.4	2.00	7.00	21.00	30	890	7	7
1773 LCS 11SB0097	10.56	1.42	64.9	42.9	95.1	5.1	0.0	69.3	9.43	0.36	288	28.3	66.0	7.50	15.50	21.50	10	860	7	7
1774 WWW COI565W	11.04	1.30	64.1	44.2	90.1	9.6	0.1	69.6	9.35	0.35	220	26.7	56.4	1.25	6.00	10.00	60	840	6	6
1775 WWW AUBR6122W	10.68	1.52	60.3	37.3	87.8	11.9	0.2	66.3	8.30	0.43	252	25.2	53.6	1.25	2.25	6.00	60	730	4	4
1777 SX908	10.66	1.59	59.2	38.3	86.6	13.3	0.2	67.9	8.44	0.48	398	24.5	56.0	1.00	1.50	6.75	60	680	3	3
1778 Tx06V7266	9.93	1.55	61.2	31.3	81.5	18.1	0.3	66.6	8.03	0.49	374	32.0	57.6	1.25	5.00	19.25	40	760	5	5
1779 NEW DIRKWIN HIGH PROTEIN	11.79	1.69	60.1	38.4	91.9	7.9	0.1	66.1	9.33	0.43	315	24.3	54.0	1.25	2.50	5.75	80	840	6	6
1780 APB 12104	9.96	1.48	63.7	42.4	88.0	12.0	0.2	69.5	8.66	0.40	356	38.2	58.4	1.25	2.25	23.00	30	850	7	7
1781 APB 11512	10.36	1.52	65.2	42.6	93.3	6.5	0.1	68.7	8.70	0.41	434	28.4	60.4	1.25	1.75	4.00	80	750	5	5

Analysis provided by the California Wheat Commission Quality Laboratory, Woodland, CA

Pro = Protein% (12% moisture basis); Hard = NIR Hardness; Test Wt = Test weight (lb/bu); 1000 Kwt = Thousand kernel weight (grams);

Yield = Flour yield (%); Fall No = Falling number (seconds); Wet Glut = Wet gluten (%; 14% moisture basis); Absp = Absorption (%);

Arr = Arrival (min); Mix Pk = Mixing peak (min); MT = Stability of farinograph curve, departure - arrival (min); M.T.I. = Mixing tolerance index (B.U.);

Vol = Bread volume (c.c.); Text = Grain and texture (3-10 = Satisfactory, 1-2 = Unsatisfactory);

Score: 9-10 = Excellent, 7-8 = Satisfactory, 5-6 = Satisfactory to questionable, 3-4 = Questionable, 1-2 = Unsatisfactory