

Table 14. 2014 Colusa Common Wheat Trial, Quality Evaluation

Entry Name	Wheat							Yield	Flour				Farinograph					Bread		Score
	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	
					7W	10W	12W													
CULTIVARS																				
20 ANZA	10.47	1.57	64.5	41.2	91.3	8.7	0.1	69.3	8.41	0.38	353	32.9	64.8	1.50	2.25	9.00	30	750	5	5
1340 MIKA	12.13	1.85	60.1	37.1	75.3	24.2	0.5	63.7	9.55	0.47	324	29.8	67.0	1.75	4.75	20.25	40	880	7	7
1419 PATWIN	11.10	1.63	62.8	39.6	91.4	8.6	0.1	73.1	9.66	0.44	329	30.7	67.0	5.50	15.75	21.25	30	950	9	9
1424 JOAQUIN	11.68	1.44	64.4	46.8	95.0	5.0	0.1	61.9	10.99	0.40	410	29.6	64.2	2.25	8.00	37.75	10	925	8	8
1478 CAL ROJO	12.44	1.65	61.6	39.8	83.7	16.1	0.2	68.5	11.74	0.24	440	34.1	62.8	7.00	17.25	21.50	30	950	9	9
1495 LASSIK	12.26	1.59	64.1	39.8	88.9	10.9	0.1	71.5	10.15	0.45	383	28.3	64.0	1.75	4.50	17.75	30	820	6	6
1521 REDWING	11.68	1.50	61.7	41.7	93.0	7.0	0.0	68.1	10.89	0.44	455	25.5	64.8	1.75	6.50	38.25	40	965	9	9
1522 BLANCA ROYALE	11.77	1.41	63.5	43.6	92.1	7.7	0.1	67.3	9.61	0.45	440	29.2	62.0	4.00	16.00	19.00	30	850	7	7
1526 PR 1404	10.16	1.46	63.4	44.2	91.4	8.4	0.1	70.6	8.55	0.42	328	28.2	58.0	1.00	2.00	39.00	20	775	5	5
1550 TRIPLE IV	12.71	1.63	63.4	43.8	95.2	4.9	0.0	69.6	10.68	0.44	369	25.1	68.4	4.00	12.50	15.00	20	915	8	8
1590 ULTRA	10.10	1.50	65.2	42.3	92.5	7.3	0.0	69.7	8.49	0.44	361	31.6	61.8	1.25	3.00	7.25	40	880	7	7
1608 FV 2808	10.88	1.51	63.1	38.9	87.0	12.8	0.2	65.5	8.60	0.43	395	38.0	66.0	5.50	8.00	4.50	60	815	6	6
1650 WB-ROCKLAND	13.51	1.51	63.7	41.5	91.1	8.7	0.1	67.2	11.90	0.37	399	30.7	66.6	10.50	22.00	25.00	15	1000	10	10
1657 BLANCA GRANDE 515	11.93	1.41	64.9	40.9	88.3	11.4	0.1	67.3	10.77	0.49	426	30.9	69.8	2.50	17.25	20.50	30	1000	10	10
1658 SUMMIT 515	12.02	1.41	63.9	42.1	93.1	6.9	0.1	69.2	10.70	0.41	387	34.3	65.8	7.00	13.25	13.00	20	950	9	9
1660 SY 314	11.66	1.48	61.6	41.0	84.4	15.2	0.3	66.3	10.10	0.47	397	28.3	61.8	1.75	9.50	38.25	30	940	8	8
1667 NEW DIRKWIN	11.66	1.72	57.8	33.3	76.3	23.4	0.3	62.9	9.34	0.45	337	26.5	55.6	1.75	3.25	14.25	20	850	7	7
1680 PATWIN 515	11.41	1.49	63.5	41.4	86.8	13.0	0.2	66.0	9.53	0.47	381	24.4	63.2	1.75	4.50	26.00	40	885	7	7
1688 LCS-STAR	10.95	1.49	65.1	41.7	91.8	7.7	0.1	73.6	9.12	0.24	382	29.2	64.0	1.25	1.75	24.25	30	730	4	4
1723 LCS-ATOMO	10.38	1.74	65.0	40.9	89.9	10.1	0.1	67.7	8.09	0.31	241	33.2	65.2	1.25	1.75	8.00	20	790	5	5
1728 WB-JOAQUIN ORO	14.05	1.39	64.7	38.1	93.6	6.3	0.1	72.1	11.95	0.27	451	33.2	71.2	7.00	15.00	14.50	30	960	9	9
1729 WB-PERLA	13.08	1.45	63.6	43.4	89.8	10.1	0.1	70.5	11.64	0.28	389	34.9	72.4	16.00	19.75	9.50	20	1000	10	10
1730 WB-9229	12.28	1.45	64.1	43.7	88.2	11.6	0.1	69.3	10.51	0.33	416	31.8	70.8	21.00	29.50	19.00	20	950	9	9
1731 WB-PATRON	10.96	1.63	63.6	43.2	89.9	10.0	0.2	72.3	10.12	0.35	441	28.0	64.0	1.50	5.00	28.00	10	775	5	5
1766 SY-VACA	10.45	1.51	58.9	34.0	74.6	24.5	0.6	64.1	8.86	0.50	291	29.1	50.8	1.25	2.25	14.75	40	740	5	5
ADVANCED LINES																				
1498 WWW BR0202W	13.03	1.56	62.4	39.2	83.4	16.3	0.1	71.4	10.98	0.50	428	28.2	62.0	3.50	10.00	29.00	20	950	9	9
1726 LCS 08SB0738	11.98	1.49	63.9	40.5	93.9	6.0	0.1	69.9	9.79	0.33	429	34.5	67.6	2.00	14.00	21.50	10	790	5	5
1744 UC 1744	12.20	1.70	63.2	39.6	91.2	8.7	0.1	70.0	9.75	0.37	402	30.7	62.8	1.75	7.75	19.25	30	925	8	8
1745 UC 12014/35	11.91	1.53	62.1	35.6	70.8	28.1	0.7	69.5	9.95	0.35	461	28.2	70.0	5.75	34.50	33.25	20	850	7	7
1746 APB 770229	11.61	1.22	64.5	40.8	91.6	8.0	0.1	71.5	9.89	0.36	387	32.4	65.4	3.00	9.00	6.00	60	890	7	7
1747 APB 430701	11.96	1.37	64.9	44.0	94.2	5.7	0.1	71.0	9.81	0.35	420	31.1	68.4	22.50	27.50	10.25	20	890	7	7
1748 WB 9112	12.25	1.18	63.9	36.5	80.4	19.1	0.3	70.3	10.53	0.31	437	27.1	68.0	10.50	25.50	24.50	20	950	9	9
1749 WB 7618	11.85	1.21	64.2	40.1	90.7	9.4	0.1	69.2	10.63	0.45	411	32.2	66.6	4.00	15.50	17.50	20	925	8	8
1750 WB 7390	10.28	1.27	65.7	48.2	96.2	3.7	0.1	68.3	10.15	0.39	348	24.4	64.8	1.50	2.25	24.50	20	840	6	6
1751 WB 9904	11.62	1.43	63.3	47.9	96.3	3.6	0.1	71.2	11.35	0.41	422	29.3	60.2	1.50	4.50	22.50	20	840	6	6
1767 UC 13010-23	11.92	1.40	62.7	40.4	83.2	16.7	0.1	72.0	10.64	0.44	459	29.7	61.6	3.50	8.00	9.00	30	880	7	7
1768 UC 13010-31	11.59	1.46	63.4	39.0	84.0	15.7	0.2	66.8	10.62	0.47	413	27.3	62.6	2.00	8.00	38.00	10	965	9	9
1769 UC 13010-34	11.69	1.44	64.4	44.3	93.2	6.7	0.1	70.6	9.47	0.40	428	32.9	60.4	1.00	2.00	36.50	20	880	7	7
1772 LCS 11SB0096	11.55	1.42	64.0	43.0	92.3	7.1	0.1	69.7	9.76	0.39	420	29.5	65.4	2.50	11.00	37.50	20	930	8	8
1773 LCS 11SB0097	11.67	1.55	63.0	39.1	86.0	13.7	0.2	68.6	10.46	0.42	435	30.5	65.6	2.50	10.00	37.50	30	930	8	8
1774 WWW COI565W	12.54	1.56	62.5	42.6	87.0	12.9	0.1	69.9	10.20	0.42	280	23.9	60.0	3.00	12.00	31.00	20	910	8	8
1775 WWW AUBR6122W	9.90	1.61	58.9	34.7	84.7	14.6	0.6	66.1	8.41	0.41	321	29.6	53.4	1.00	3.50	6.50	80	760	5	5
1777 SX908	11.15	1.78	59.8	34.7	86.3	13.2	0.2	69.3	9.37	0.50	419	27.8	58.0	1.25	2.25	9.75	30	810	6	6
1778 Tx06V7266	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1779 NEW DIRKWIN HIGH PROTEIN	12.69	1.72	58.2	33.6	74.6	25.1	0.3	63.3	10.47	0.39	334	34.8	59.0	1.25	3.50	13.25	20	875	7	7
1780 APB 12104	11.21	1.49	62.0	43.1	87.7	12.0	0.1	69.0	9.78	0.41	435	30.0	58.8	1.50	8.25	18.50	15	905	8	8
1781 APB 11512	10.69	1.51	65.3	44.3	96.0	3.9	0.1	69.0	9.22	0.36	384	27.6	61.2	1.50	2.00	36.50	40	790	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