

Table 11. 2007-2009 Montana Intrastate Winter Wheat (Exp. 35): Cereal Quality Evaluations

ID										Flour						L*		
	PPO			Hardness			Protein %			Yield %			Protein %			L*		
	2009	2yr	3yr	2009	2yr	3yr	2009	2yr	3yr	2009	2yr	3yr	2009	2yr	3yr	2009	2yr	3yr
Accipiter	1.222	1.021		71.8	75.6		12.6	12.3		68.5	65.7		11.2	10.9		90.7	90.6	
AP 503 CL2	1.183	0.975		69.5	73.4		13.3	13.1		68.6	67.1		11.4	11.2		90.8	90.7	
Bynum (CL)	0.895	0.732	0.676	65.0	69.1	70.1	14.3**	13.7*	13.8*	72.6*	71.7*	71.4*	13.0*	12.4**	12.5*	90.6	90.6	90.5
Carter	0.969	0.789	0.739	73.1	77.0	78.4	13.6	13.3*	13.4	70.6	69.3	69.8	12.0	11.7	11.8	90.2	90.3	89.9
CDC Falcon	1.342	1.056	0.991	62.2	64.7	66.8	13.1	12.6	12.6	68.0	65.8	66.1	11.5	11.1	11.2	90.9	90.7	90.6
Curlew	0.412*			68.7			12.9			71.6*			11.6			90.5		
Decade	1.208	1.000	0.980	67.1	72.7	73.3	13.8*	13.3*	13.4	69.8	68.7	68.7	12.2	11.7	11.8	90.7	90.8	90.8
Genou	0.994	0.863	0.841	70.4	74.1	74.3	13.1	13.2	13.2	71.0	70.0	70.2	11.9	12.0*	12.0	91.1	90.9	90.7
Hyalite (CL)	0.442*	0.362*	0.360*	70.0	72.4	73.6	13.4	12.8	13.2	68.6	67.6	67.9	11.8	11.3	11.6	90.7	90.7	90.5
Jagalene	1.222	1.056	0.999	71.2	75.1	75.5	13.3	12.8	13.0	72.2*	70.7	70.9	11.8	11.4	11.5	90.4	90.4	90.2
Ledger	1.130	0.928	0.870	63.0	68.9	69.7	12.6	12.3	12.4	72.7*	72.0**	72.0**	11.4	11.0	11.0	90.7	90.6	90.4
MT06103	1.065	0.895		69.2	72.5		13.6*	13.0		71.6*	70.5		12.0	11.5		90.8	90.7	
MT0861	0.926			67.6			13.5			70.7			12.2			90.9		
MTS0532	1.215	1.010	0.971	63.8	68.2	69.6	13.4	12.9	12.9	69.5	68.6	68.9	11.7	11.3	11.3	90.6	90.7	90.7
MTS0705	1.028	0.846		59.7	65.8		13.4	13.0		70.0	68.5		11.9	11.4		91.2	91.1	
MTS0713	1.151	0.906		74.5	77.3		13.3	13.1		68.7	67.1		11.8	11.6		90.5	90.4	
MTS0721	1.040			70.4			13.4			70.6			11.7			90.8		
Neeley	0.929	0.775	0.746	66.9	72.1	73.5	12.6	12.6	12.7	68.7	66.7	66.7	11.1	11.1	11.2	90.8	90.6	90.5
NI04421	1.026			63.9			12.4			69.5			10.9			91.0		
Norris (CL)	0.889	0.796	0.794	67.7	70.6	72.7	13.0	12.8	12.9	69.9	69.0	68.8	11.2	11.1	11.2	90.6	90.5	90.4
Overland	0.951			68.2			13.4			69.9			11.7			90.6		
Peregrine	1.115	0.910		78.8	80.6		12.5	12.5		70.8	68.9		11.2	11.1		90.5	90.4	
Promontory	0.321**	0.270**	0.280**	70.6	75.8	76.5	12.0	11.8	11.9	71.9*	70.3	70.4	10.8	10.5	10.7	90.5	90.5	90.4
Pryor	0.972	0.893	0.876	74.5	75.0	75.4	12.0	11.8	12.1	70.7	68.8	69.1	10.7	10.5	10.8	90.6	90.6	90.4
Radiant	1.109			68.3			12.9			70.9			11.6			90.9		
Rampart	0.863	0.716	0.698	67.8	73.3	75.4	14.0*	13.7**	13.9**	71.9*	70.4	70.3	12.7*	12.4*	12.5**	90.5	90.5	90.3
Settler CL	1.145			66.5			12.8			69.5			11.2			90.8		
Wahoo	1.086	0.910	0.892	69.3	70.7	71.8	13.0	12.8	12.8	69.2	67.7	67.8	11.4	11.1	11.1	90.5	90.6	90.4
Yellowstone	0.805	0.727	0.684	74.9	78.1	78.2	12.7	12.4	12.7	70.7	68.8	69.0	11.2	10.9	11.1	90.7	90.6	90.4
Average	0.988	0.838		68.8	72.9	73.4	13.1	12.8	12.9	70.3	68.8	69.2	11.6	11.3	11.5	90.7	90.6	90.4
LSD (0.05)	0.270	0.171		4.6	3.5	2.8	0.7	0.5	0.4	1.3	1.1	0.8	0.6	0.4	0.3	0.3	0.2	0.2
C.V.	19.4	20.6		4.8	4.9	4.7	3.8	3.8	3.5	1.3	1.6	1.4	3.7	4.0	3.7	0.2	0.2	0.3
P-Value	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001

*,**,ns denotes statistical significance at P <= 0.05, highest value, and non-significance within column, respectively

Table 11. 2007-2009 Montana Intrastate Winter Wheat (Exp. 35): Cereal Quality Evaluations

ID	Flour color						Whole Wheat Ash (%)			Flour Ash (%)			Mixograph					
	a*			b*			2009	2yr	3yr	2009	2yr	3yr	Tolerance			Mix time (min.)		
	2009	2yr	3yr	2009	2yr	3yr							2009	2yr	3yr	2009	2yr	3yr
Accipiter	-1.06	-1.13		9.1	9.5		1.28*	1.32*		0.43	0.43		3.8	4.0		5.4	6.5	
AP 503 CL2	-1.19	-1.26		9.5	9.8		1.32*	1.35		0.40	0.40*		3.5	3.9		4.7	4.9	
Bynum (CL)	-1.61	-1.71	-1.70	11.2	11.6	11.8	1.34	1.31*	1.36	0.40*	0.40*	0.41	2.3	2.6	2.6	4.5	4.6	2.6
Carter	-1.29	-1.40	-1.34	10.5	11.0	11.1	1.29*	1.30*	1.33*	0.41	0.42	0.42	4.3	4.4	4.3	6.9	7.0	4.3
CDC Falcon	-1.05	-1.10	-1.10	8.8	9.1	9.4	1.30*	1.33	1.35*	0.43	0.43	0.43	3.5	3.9	3.7	4.6	5.2	3.7
Curlew	-1.69			12.0			1.30*			0.40*			2.5			4.2		
Decade	-0.99	-1.04	-1.02	8.5	8.6	8.8	1.28*	1.33	1.38	0.39**	0.39*	0.40	4.5	4.6	4.6	8.0	8.5	4.6
Genou	-1.40	-1.42	-1.43	9.6	10.0	10.2	1.25*	1.30*	1.34*	0.40*	0.41	0.42	4.3	4.3	4.0	5.1	5.2	4.0
Hyalite (CL)	-1.30	-1.42	-1.37	9.8	10.3	10.4	1.28*	1.25**	1.31*	0.41	0.41	0.41	4.0	4.3	3.8	5.1	5.4	3.8
Jagalene	-1.34	-1.41	-1.38	10.7	11.0	11.1	1.31*	1.30*	1.33*	0.40*	0.41	0.41	3.5	3.8	3.5	4.2	4.7	3.5
Ledger	-1.62	-1.65	-1.65	11.3	11.6	11.7	1.31*	1.34	1.38	0.39*	0.40*	0.40	3.3	3.5	3.6	5.0	5.3	3.6
MT06103	-1.56	-1.67		11.2	11.6		1.32*	1.36		0.41	0.42		4.5	4.9		6.1	6.4	
MT0861	-1.32			9.7			1.35			0.40*			4.3			7.7		
MTS0532	-1.47	-1.50	-1.47	10.7	11.0	11.1	1.31*	1.30*	1.35*	0.39*	0.39**	0.39**	3.8	4.0	3.8	5.8	6.5	3.8
MTS0705	-1.70	-1.82		10.7	11.3		1.31*	1.37		0.39*	0.39		4.0	4.1		8.3	8.4	
MTS0713	-1.45	-1.52		10.8	11.1		1.31*	1.36		0.41	0.40		3.8	4.0		5.8	6.2	
MTS0721	-1.45			10.1			1.25**			0.41			2.5			4.6		
Neeley	-1.46	-1.52	-1.49	11.0	11.3	11.4	1.31*	1.36	1.40	0.42	0.42	0.42	4.3	4.4	4.2	5.0	5.2	4.2
NI04421	-1.37			9.8			1.32*			0.40*			3.5			6.0		
Norris (CL)	-1.58	-1.64	-1.61	11.0	11.4	11.5	1.30*	1.26*	1.30**	0.40*	0.40*	0.40	4.0	3.8	3.6	4.9	5.1	3.6
Overland	-1.23			9.7			1.43			0.41			2.3			3.3		
Peregrine	-1.19	-1.26		10.1	10.5		1.28*	1.36		0.41	0.41		3.5	3.9		6.1	6.8	
Promontory	-1.77	-1.84	-1.82	12.2	12.6	12.7	1.26*	1.28*	1.30*	0.41	0.41	0.41	3.0	3.3	3.1	4.5	5.1	3.1
Pryor	-1.39	-1.42	-1.40	10.4	10.7	10.8	1.27*	1.29*	1.36	0.40*	0.40*	0.40	2.3	2.4	2.3	3.2	3.5	2.3
Radiant	-1.51			10.6			1.28*			0.41			4.0			5.6		
Rampart	-1.54	-1.61	-1.61	11.1	11.5	11.6	1.28*	1.30*	1.35*	0.42	0.42	0.42	3.5	3.8	3.6	5.4	5.5	3.6
Settler CL	-1.16			9.2			1.35			0.39*			3.8			5.9		
Wahoo	-1.24	-1.30	-1.27	10.3	10.5	10.6	1.37	1.37	1.41	0.41	0.41	0.41	3.5	3.8	3.8	4.8	5.0	3.8
Yellowstone	-1.09	-1.19	-1.17	10.0	10.3	10.5	1.27*	1.31*	1.35*	0.41	0.42	0.41	5.5	5.4	4.9	8.4	8.7	4.9
Average	-1.38	-1.45	-1.43	10.3	10.7	10.9	1.30	1.32	1.35	0.40	0.41	0.41	3.6	3.9	3.7	5.5	5.9	5.7
LSD (0.05)	0.11	0.08	0.07	0.3	0.2	0.2	0.08	0.07	0.05	0.01	0.01	0.01	1.0	0.6	0.5	1.3	1.1	0.7
C.V.	5.8	5.3	5.9	2.2	2.3	2.4	4.6	5.6	4.8	2.2	3.1	2.9	20.0	15.9	17.0	16.4	19.7	16.5
P-Value	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.021	0.000	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001

*,**,ns denotes statistical significance at P <= 0.05, highest value, and non-significance within column, respectively

Table 11. 2007-2009 Montana Intrastate Winter Wheat (Exp. 35): Cereal Quality Evaluations

ID	Test Bake									0 hour								
	Absorption %			Mix time (min.)			Absorption %			Loaf volume (cc)			L*			a*		
	2009	2yr	3yr	2009	2yr	3yr	2009	2yr	3yr	2009	2yr	3yr	2009	2yr	3yr	2009	2yr	3yr
Accipiter	62.3	61.5		9.0	10.3		71.8	71.5		1104*	1085							
AP 503 CL2	62.5	62.1		6.4	7.0		72.3	72.0		1133*	1134*		86.1	86.3		0.42	0.37	
Bynum (CL)	64.7	63.6	63.2	8.5	8.4	7.5	74.4	73.4	73.1	1115*	1103	1106*						
Carter	64.6	64.0	63.7	14.1	14.4	13.0	75.4	75.7*	75.6*	1119*	1105*	1101	86.3*			0.34		
CDC Falcon	61.6	61.2	61.2	9.0	9.7	8.8	71.6	71.2	71.2	1101*	1081	1083						
Curlew	63.1			6.3			72.0			1104*								
Decade	67.3**	66.4**	65.9**	18.9	18.9	16.3	77.5**	76.9**	76.4**	1128*	1101	1095	86.4*	86.8*	86.7*	0.54	0.48	0.50
Genou	63.2	63.3	63.1	11.2	10.7	9.7	73.3	73.2	73.0	1123*	1113*	1109*						
Hyalite (CL)	62.5	62.0	62.3	7.6	8.4	7.5	72.3	72.4	72.6	1038	1017	1029	86.0	86.6	86.4	0.20	0.02	0.10
Jagalene	63.1	62.3	62.2	6.5	7.0	6.2	73.1	72.5	72.3	1119*	1083	1066						
Ledger	62.1	61.7	61.4	9.4	10.3	9.3	71.9	71.8	71.5	1099*	1062	1066						
MT06103	64.1	63.2		11.4	12.2		75.2	74.5		1061	1040		86.8*	87.0*		-0.03	-0.18	
MT0861	64.7			12.9			74.5			1109*			86.4*			0.36		
MTS0532	63.0	62.2	61.9	10.5	12.3	11.2	73.2	73.1	73.2	1115*	1103	1085	85.3	85.9	85.9	0.08	-0.05	-0.05
MTS0705	64.9	63.9		18.5	19.7		74.8	74.1		1114*	1102		86.1	86.4		-0.15	-0.32	
MTS0713	62.8	62.5		8.1	8.6		72.5	72.3		1148*	1147**		85.6	85.7		0.28	0.19	
MTS0721	62.6			8.1			73.1			1050			86.2			0.12		
Neeley	62.3	62.1	61.3	6.3	7.3	6.8	72.2	72.1	71.4	1051	1038	1036	86.5*	86.5	86.4	0.22	0.19	0.271
NI04421	61.4			8.8			71.6			1021								
Norris (CL)	62.3	62.2	61.6	8.0	8.9	7.7	72.7	72.9	72.3	1051	1034	1025	86.4*	86.5	86.4	-0.04	-0.14	-0.10
Overland	63.0			3.3			69.9			989								
Peregrine	61.7	61.7		9.1	10.8		71.4	71.5		1036	1034							
Promontory	61.3	60.8	60.8	6.1	6.9	6.3	71.2	70.7	70.6	1054	1050	1039	87.1**	87.2**	87.0**	-0.28	-0.36	-0.29
Pryor	60.7	60.5	60.1	5.0	4.9	4.5	68.5	69.3	69.0	1024	1006	1018						
Radiant	63.0			10.9			73.2			1110*								
Rampart	64.8	64.2	64.2	11.3	11.1	10.2	75.1	74.3	74.2	1150**	1134*	1135**						
Settler CL	62.5			9.6			72.3			985								
Wahoo	62.4	61.6	61.2	6.4	7.1	6.3	72.1	71.4	70.9	1028	1000	994						
Yellowstone	62.9	62.5	62.8	14.0	14.3	13.0	74.1	73.7	73.7	1079	1075	1088	86.7*	86.9	86.6	0.42	0.42	0.47
Average	63.0	62.5	62.3	9.5	10.4	9.0	72.9	72.7	72.6	1081	1075	1067	86.3	86.5	86.5	0.18	0.07	0.13
LSD (0.05)	1.7	1.1	1.0	3.1	2.3	1.6	2.0	1.4	1.2	64	43	34	0.7	0.5	0.4	0.18	0.13	0.09
C.V.	1.9	1.9	2.0	23.2	21.9	21.6	2.0	2.0	2.1	4.2	4.0	3.9	0.6	0.6	0.5	72	192	88
P-Value	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.003	<.0001	<.0001	<.0001	<.0001	<.0001

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Table 11. 2007-2009 Montana Intrastate Winter Wheat (Exp. 35): Cereal Quality Evaluations

ID	Noodle color															Noodle Score		
	24 hour																	
	2009	b* 2yr	3yr	2009	L* 2yr	3yr	2009	a* 2yr	3yr	2009	b* 2yr	3yr	0-24 hour stability ¹			2009	2yr	3yr
2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009
Accipiter AP 503 CL2 Bynum (CL)	16.2	16.6		76.0	76.5		1.13	1.09		23.3	23.9		10.1	9.8		255	266	
Carter CDC Falcon Curlew	16.0			76.5			1.01			22.6			9.8			255		
Decade Genou	14.4	14.6	14.8	76.3	77.0	76.8	1.14	1.06	1.04	20.3	20.4	20.5	10.1	9.8	9.9	256	267	263
Hyalite (CL)	16.7	17.1	17.3	77.5	78.6*	78.3	1.22	0.97	1.10	24.0	24.2	24.5	8.6*	8.0*	8.0*	279	300*	296*
Jagalene Ledger MT06103	17.3	17.9		77.6	78.3		0.76	0.52		25.2	25.6		9.2	8.7		271	286	
MT0861	16.4			76.8			1.08			24.9			9.6			252		
MTS0532	18.8	19.1	19.0	74.1	74.8	74.6	0.61	0.40	0.31	25.6	25.6	25.4	11.2	11.1	11.3	226	232	228
MTS0705	18.4	19.1		75.7	76.3		0.28	0.09		27.1	27.6		10.4	10.1		237	254	
MTS0713	18.3	18.7		74.4	74.7		0.58	0.48		25.3	25.4		11.2	11.0		230	241	
MTS0721	16.9			75.4			0.40			22.0			10.8			240		
Neeley NI04421	17.2	17.6	17.711	77.5	77.6	77.3	1.02	0.98	1.06	25.4	25.4	25.6	9.0	9.0	9.1	280	285	280
Norris (CL) Overland	17.6	18.2	18.5	76.7	77.1	76.9	0.66	0.60	0.61	25.2	25.6	25.7	9.8	9.4	9.4	263	273	272
Peregrine Promontory Pryor	18.2	18.8	19.0	79.0**	79.3**	79.1**	0.48	0.41	0.50	27.8	28.0	28.1	8.1**	7.9**	7.9**	300**	306**	304**
Radiant Rampart Settler CL																		
Wahoo Yellowstone	15.2	15.5	15.8	77.9*	78.3	77.9	1.24	1.27	1.39	22.1	22.4	22.8	8.8	8.6	8.8	281	289	285
Average	17.0	17.5	17.4	76.5	77.1	77.3	0.83	0.72	0.86	24.3	24.8	24.6	9.8	9.4	9.2	259	273	275
LSD (0.05)	0.9	0.7	0.5	1.1	0.8	0.7	0.32	0.22	0.18	1.0	0.7	0.6	0.6	0.4	0.4	15	12	10
C.V.	3.8	3.9	3.3	1.0	1.1	1.0	27	31	26	2.9	2.8	2.9	4.2	4.8	5.3	4.2	4.4	4.5
P-Value	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001

*,**,ns denotes statistical significance at P <= 0.05, highest value, and non-significance within column, respectively

Table 11. 2007-2009 Montana Intrastate Winter Wheat (Exp. 35): Cereal Quality Evaluations

ID	Texture Profile Analysis																	
	0 minutes																	
	Springiness			Cohesiveness			Adhesiveness			Hardness			Chewiness			Springiness		
	2009	2yr	3yr	2009	2yr	3yr	2009	2yr	3yr	2009	2yr	3yr	2009	2yr	3yr	2009	2yr	3yr
Accipiter																		
AP 503 CL2	0.94	0.95		0.60	0.61		-38.6	-37.9		1191	1219		676	704		0.92	0.91	
Bynum (CL)																		
Carter	0.95			0.60			-41.6			1260			719			0.94		
CDC Falcon																		
Curlew																		
Decade	0.95	0.96	0.95	0.62	0.61	0.62	-47.0	-44.8	-46.8	1295	1297	1322	759	759	774	0.94	0.94	0.94
Genou																		
Hyalite (CL)	0.95	0.95	0.94	0.59	0.59	0.60	-38.8	-38.4	-41.5	1238	1251	1266	695	701	718	0.92	0.92	0.92
Jagalene																		
Ledger																		
MT06103	0.94	0.94		0.61	0.61		-44.4	-42.1		1300	1289		748	736		0.94	0.93	
MT0861	0.93			0.60			-45.0			1223			682			0.94		
MTS0532	0.95	0.96	0.95	0.61	0.61	0.62	-43.1	-41.4	-45.4	1257	1246	1269	734	736	747	0.94	0.94	0.93
MTS0705	0.94	0.95		0.60	0.60		-42.6	-39.4		1217	1218		685	698		0.94	0.93	
MTS0713	0.95	0.95		0.59	0.60		-38.3	-37.3		1302	1298		728	736		0.92	0.92	
MTS0721	0.93			0.58			-36.3			1159			618			0.91		
Neeley	0.94	0.94	0.94	0.60	0.6	0.61	-43.6	-41.8	-44	1250	1271	1292	708	719	741	0.92	0.92	0.92
NI04421																		
Norris (CL)	0.95	0.95	0.94	0.59	0.60	0.61	-39.3	-38.6	-40.3	1236	1256	1276	696	710	729	0.94	0.93	0.92
Overland																		
Peregrine																		
Promontory	0.94	0.94	0.93	0.61	0.60	0.60	-45.1	-39.0	-39.8	1201	1221	1239	678	687	697	0.91	0.92	0.91
Pryor																		
Radiant																		
Rampart																		
Settler CL																		
Wahoo																		
Yellowstone	0.95	0.95	0.95	0.61	0.61	0.62	-46.6	-41.9	-45.5	1320	1326	1357	762	768	790	0.92	0.92	0.92
Average	0.94	0.95	0.94	0.60	0.60	0.61	-42.2	-40.4	-43.2	1246	1263	1289	706	724	742	0.93	0.92	0.92
LSD (0.05)	ns	ns	ns	0.02	0.01	0.01	ns	ns	ns	62	41	32	58	35	27	0.02	0.02	0.01
C.V.	2.1	2.1	2.0	2.0	1.9	2.0	14.8	13.1	15.5	3.5	3.3	3.0	5.7	4.9	4.4	1.6	1.7	1.8
P-Value	0.845	0.620	0.316	0.001	0.002	0.003	0.325	0.163	0.073	<.0001	<.0001	<.0001	0.001	<.0001	<.0001	0.003	0.004	0.002

*,**,ns denotes statistical significance at P <= 0.05, highest value, and non-significance within column, respectively

Table 11. 2007-2009 Montana Intrastate Winter Wheat (Exp. 35): Cereal Quality Evaluations

ID	5 minutes											
	Cohesiveness			Adhesiveness			Hardness			Chewiness		
	2009	2yr	3yr	2009	2yr	3yr	2009	2yr	3yr	2009	2yr	3yr
Accipiter												
AP 503 CL2	0.54	0.54		-30.7	-30.7		962	988		473	488	
Bynum (CL)												
Carter	0.55			-36.4			1043			542		
CDC Falcon												
Curlew												
Decade	0.58	0.57	0.57	-42.6	-42.1	-44.5	1058	1068	1080	576	573	580
Genou												
Hyalite (CL)	0.54	0.54	0.55	-36.6	-37.1	-37.8	1008	1014	1016	503	501	511
Jagalene												
Ledger												
MT06103	0.56	0.56		-37.0	-37.9		1082	1066		567	550	
MT0861	0.56			-39.2			1015			537		
MTS0532	0.56	0.56	0.56	-38.4	-36.8	-41.2	1038	1038	1035	547	546	544
MTS0705	0.55	0.55		-36.9	-34.0		1013	1008		519	512	
MTS0713	0.54	0.54		-36.6	-33.9		1050	1056		520	524	
MTS0721	0.53			-33.8			962			463		
Neeley	0.53	0.54	0.54	-39.3	-36.7	-37.8	1063	1063	1058	521	528	527
NI04421												
Norris (CL)	0.55	0.55	0.55	-33.8	-34.3	-37.2	1048	1056	1052	538	536	536
Overland												
Peregrine												
Promontory	0.54	0.54	0.54	-31.7	-34.1	-34.3	964	986	994	474	487	488
Pryor												
Radiant												
Rampart												
Settler CL												
Wahoo												
Yellowstone	0.56	0.55	0.56	-40.4	-38.6	-41.4	1085	1086	1091	551	549	559
Average	0.55	0.55	0.55	-36.7	-36.0	-39.2	1028	1040	1046	524	528	535
LSD (0.05)	0.01	0.01	0.01	6.2	4.0	4.3	47.0	30	23	39.0	25	18
C.V.	1.8	1.8	1.8	11.8	11.3	13.6	3.2	2.9	2.7	5.1	4.7	4.2
P-Value	<.0001	<.0001	<.0001	0.020	<.0001	0.001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001

*,**,ns denotes statistical significance at P <= 0.05, highest value, and non-significance within column, respectively