

**University of Nebraska Winter Wheat Quality Performance 2008 - 2010
for Winter Wheat in Organic Environments with Comparison to Long-Term Conventional Results**

	Multiple Years Conventional		2008 Organic		2009 Organic					2010 Organic					Source (Mead and/or Sidney)
	Northern Region Locations		4-location Composite Samples		4-location Composite Samples		2-location Composite Samples (Sidney and Mead)			2-location Samples (Sidney and/or Mead)					
	USDA/ARS		UNL		Baystate	Heartland	UNL Quality Lab			UNL Quality Lab					
Cultivar	Mill	Mix and Bake	Mill	Mix and Bake	Baking and Milling	Alveograph	Bake Score 5 ppm Oxidant	Bake Score 0 ppm Oxidant	Flour Protein Content	Seed Protein Content	Flour Protein Content	Mixing Tolerance	Bake Score	Ash Content	
NW07505 (W)			G	G	P	G	F	G+	9.9	11.8	9.9	4.6	5.3	0.48	M S
CAMELOT										11.9	10.4	4.2	4.3	0.44	M S
HATCHER	AVE	VG	G	G	P	G	F	F	10.2	11.8	9.5	4.2	4.3	0.41	M S
NW03681 (W)	VG	G	G	VG	P	G		G	11.4	12.2	9.9	4.9	4.1	0.44	M S
NE04424			G	G	F	G		G	10.5	11.8	10.0	4.1	4.5	0.44	M S
EXPEDITION										11.9	10.0	5.0	4.8	0.40	M S
SNOWMASS (W)										11.8	9.9	4.4	5.4	0.50	M S
NE06469								G+	10.4	11.7	9.7	4.6	4.0	0.41	S
NE05496								G	10.3	11.9	9.7	4.8	4.7	0.42	M S
NE07444								G	10.5	11.9	9.9	4.7	5.3	0.49	M S
NE03490			G	G	P	F	F	F	10.2	11.9	10.1	4.4	4.3	0.48	M S
NW03666 (W)										11.8	9.9	4.6	4.4	0.47	M S
MILLENNIUM	G	G	G	G	F	F	G	P	11.0	11.8	10.1	3.9	4.4	0.49	M S
NE02558								G	9.6	11.8	10.1	4.4	4.9	0.57	M S
NE05425					P	G		VG	11.0	12.2	10.1	4.4	5.2	0.42	M
PRONGHORN	G	VG	G	VG	P	F	F	F	10.8	11.8	9.9	4.6	3.7	0.36	M S
BUCKSKIN			VG	G	P	F	F	F	10.8	11.9	10.1	4.2	3.3	0.45	M S
ALICE (W)	G	VG	G	G	P	F	G	F	11.2	11.9	10.1	4.6	4.2	0.41	M S
KARL92	G	VG			G	VG		G	11.8	12.1	10.6	4.8	5.1	0.43	M S
NE07569								G+	10.6	12.0	10.2	4.8	4.8	0.47	S
SD07165										12.1	9.6	3.6	4.9	0.45	M
SD05118-1	AVE	G			P	G		G	10.9	12.0	10.3	5.0	4.7	0.48	S
DARRELL	G	G	G	G	F	G	F	F	10.9	11.9	10.2	4.1	4.5	0.44	M S
WESLEY	G	VG	G	VG	F	VG	F	F	11.3	11.9	10.4	4.8	5.2	0.43	M S
WAHOO	AVE	AVE	G	G	P	F	G	F	10.8	11.8	9.8	4.6	4.2	0.46	M S
MCGILL (NE01481)	VP	VG	F	G	F	G	F	F	10.1	11.8	10.0	4.8	3.6	0.44	M S
ANTELOPE (W)	P	G	F	G	P	G	F	F	10.7	12.0	10.6	4.0	4.9	0.41	S
NE05548									10.6	11.8	10.6	4.3	4.1	0.45	M S
NE99495	P	G	G	G	F	F	P	P	10.6	11.9	10.1	3.4	4.6	0.44	M S
ARROWSMITH (W)	G	G	G	G	F	P	P	P	12.2	11.9	9.9	2.6	3.3	0.51	M S
GOODSTREAK	G	P	F	F	P	P	P	P	11.1	11.8	10.3	3.8	4.3	0.41	M S
NE06545									9.7	11.8	9.9	3.3	3.8	0.48	M S
NE05430									10.3	12.0	9.7	4.0	5.0	0.41	M
NE06607									9.5						
OVERLAND	AVE	VP	G	F	P	P	P	VP	10.5	11.9	9.7	3.3	2.6	0.52	M S
ALLIANCE	P	G	G	G	P	F	G	P	9.9	11.8	9.8	3.0	4.5	0.47	M S
CLARKSCREAM (W)					P	F	F	P	12.1	12.4	11.0	3.6	4.0	0.50	M S
DANBY (W)	AVE	P			P	F	F	P	10.3	11.9	9.8	3.6	3.9	0.48	M S
ANTON										13.0	11.2	4.3	4.6	0.57	M
NE07410										12.0	9.9	5.0	4.9	0.41	M