Organic Wheat Variety Trial Results across Three Eastern and Central Nebraska Locations (Clay Center, Mead and Concord), 2008-2011

	2008 - 2011						2011							2010						2009							2008				
Cultivar	Yield (bu/a)	Yield Group	Ave Yield z-score	Years Tested	Relative Flowering Date	Percent Vegetative Cover at Jointing Stage	Grain Yield (bu./acre)	Grain Yield z-score	Test Weight (lb/bu)	Plant Height (inches)	Grain Protein (%)	Relative Flowering Date	Percent Vegetative Cover at Jointing Stage	Grain Yield (bu./acre)	Grain Yield z-score	Test Weight (lb/bu)	Plant Height (inches)	Grain Protein (%)	Relative Flowering Date	Grain Yield (bu./acre)	Grain Yield z-score	Test Weight (lb/bu)	Plant Height (inches)	Grain Protein (%)	Relative Flowering Date	Percent Vegetative Cover at Jointing Stage	Grain Yield (bu./acre)	Grain Yield z-score	Test Weight (lb/bu)	Plant Height (inches)	Grain Protein (%)
2137		B	0.2	1																Dropped: mediocre yield							46.2	0.2	55.0	29	11.1
2145		E	-2.1	1																Dropped: poor yield							29.2	-2.1	53.8	28	11.9
ALICE (W)	46.6	C	-0.6	4	1	64	45	-1.0	55.9	29.7	12.6	1	62	41.9	-0.5	57.0	30	11.3	1	56.8	-1.2	58.9	28	11.6	0	67	46.1	0.2	55.2	29	11.3
ALLIANCE	49.5	B	0.1	4	2	58	50	0.5	55.1	35.2	11.7	2	60	43.1	-0.2	56.4	33	10.5	3	59.3	-0.6	58.0	32	10.6	1	57	49.3	0.7	54.6	33	11.0
ANTELOPE		C	-1.0	2	3	59								Dropped: poor yield						54.4	-1.8	58.6	31	11.5	3	59	43.3	-0.2	54.3	31	11.4
ANTON		D	-1.1	2	4		Dropped: poor yield							36.8	-1.7	56.2	30	13.0	4								40.8	-0.5	53.8	31	12.0
ARROWSMITH (W)		C	-0.5	3	5	65	Dropped: poor yield							41.0	-0.8	55.3	37	12.1	5	58.7	-0.8	57.9	36	11.8	5	65	45.1	0.1	54.7	36	11.6
BUCKSKIN	46.1	C	-0.9	4	3	64	43	-1.4	55.4	41.0	12.7	2	65	36.2	-1.9	56.7	38	11.5	3	57.5	-1.1	59.3	38	11.5	3	64	49.0	0.6	55.3	39	11.3
CAMELOT	52.6	B	0.7	4	2	61	50	0.5	55.3	34.4	12.6	2	60	48.1	0.9	57.0	31	11.8	3	67.5	1.3	59.4	33	11.6	1	62	44.8	0.0	55.0	31	11.6
CLARKS CREAM (W)		E	-2.9	3	3	56	35	-3.5	56.9	43.2	14.2	1	56	32.8	-2.6	58.1	41	12.0	3	51.7	-2.4	58.7	42	12.3	4	55					
DANBY (W)		B	-0.2	3	2	56	47	-0.3	57.8	32.5	11.9	2	56	41.7	-0.6	58.9	32	11.4	2	63.3	0.3	60.6	31	11.0	1	57					
DARRELL	49.3	B	-0.3	4	3	61	45	-0.9	55.8	35.7	12.7	1	59	40.3	-0.9	56.7	34	11.6	4	60.8	-0.3	58.8	34	11.2	4	63	51.5	1.0	55.7	34	11.3
EXPEDITION		A	0.7	2	1	60	51	0.8	56.5	33.2	12.3	1	60	47.2	0.7	57.5	33	10.9	1												
GOODSTREAK	54.8	A	0.8	4	2	63	49	0.2	58.0	39.5	13.3	3	63	44.8	0.1	58.1	37	11.8	3	65.3	0.8	60.2	38	12.0	2	63	59.2	2.0	56.6	38	11.9
HALLAM		B	0.6	1	2	58	50	0.6	53.0	35.1	12.2	2	58																		
HARRY		B	0.6	2	4	58								Dropped: low test weight						64.3	0.6	56.9	31	10.7	4	58	48.8	0.6	52.5	31	10.9
HATCHER	45.3	D	-1.0	4	2	57	43	-1.5	55.4	31.9	12.5	2	57	38.5	-1.3	56.2	28	11.4	2	61.3	-0.2	59.0	29	11.3	1	57	36.5	-1.1	53.9	28	11.0
KARL 92		C	-0.9	3	0	63	44	-1.1	55.7	29.1	13.5	1	61	39.9	-1.0	57.5	30	12.1	0	59.1	-0.7	59.3	30	11.8	0	66					
LYMAN		B	0.0	1	2	65	49	0.0	56.1	36.1	13.6	2	65																		
MACE		D	-1.1	2	3	48								Dropped: poor yield						55.8	-1.5	57.6	28	11.5	3	48	39.8	-0.6	53.4	28	11.5
MILLENNIUM	51.1	B	0.2	4	3	55	50	0.4	55.9	35.7	12.6	2	57	45.2	0.2	57.7	33	11.4	4	59.8	-0.5	59.4	33	12.0	4	54	49.0	0.6	55.8	33	11.8
NE01481 (MCGILL)	51.9	B	0.5	4	2	57	50	0.5	56.7	35.4	12.0	1	59	46.3	0.5	56.1	33	11.2	3	64.7	0.6	59.0	33	11.0	3	55	46.6	0.3	54.7	32	11.2
NE02558		A	0.7	2	1	55	47	-0.3	56.0	34.4	12.1	0	55	51.7	1.8	56.5	34	10.9	3												
NE02584		C	-0.6	1																Dropped: poor yield							39.9	-0.6	53.8	29	11.4
NE03490	54.0	A	0.9	4	2	56	50	0.5	56.1	32.1	11.8	2	56	45.0	0.2	55.8	31	11.0	3	69.6	1.8	58.7	30	10.9	1	55	50.8	0.9	53.9	28	11.1
NE04424	51.1	B	0.4	4	1	56	48	-0.2	56.9	33.0	12.3	2	55	50.3	1.4	57.0	33	10.9	1	62.8	0.2	59.6	32	11.2	0	57	45.2	0.1	54.6	31	11.1
NE04490		B	-0.2	2	2	55														61.2	-0.2	59.7	32	11.7	2	55	42.3	-0.3	54.0	31	11.7
NE05425		B	0.2	3	1	61	49	0.1	55.6	33.2	12.6	0	61	47.1	0.7	57.3	32	11.7	2	61.3	-0.2	60.1	32	11.6	1	62					
NE05430		B	0.2	2	1	60	50	0.4	56.3	37.4	12.2	2	60	44.5	0.1	57.1	30	11.4	1												
NE05496		B	0.3	2	2	58	50	0.5	56.3	34.4	12.4	2	58	44.8	0.1	56.6	31	11.3	2												
NE05548		B	0.4	3	3	64	49	0.2	56.4	38.1	13.1	1	61	45.4	0.3	56.2	35	11.8	4	65.2	0.8	59.1	36	11.7	2	66					
NE06469		B	0.5	1	2	58								Re-targeted to Western Nebraska						64.0	0.5	58.2	33	11.2	2	58					
NE06545		A	1.2	2	1	60	53	1.3	55.7	32.9	11.7	0	60	49.1	1.1	55.5	31	10.5	2												
NE07410		C	-0.5	1	2		Dropped: poor yield							41.9	-0.5	58.6	31	12.1	2												
NE07444		B	0.7	2	1	59	50	0.3	56.3	35.2	12.3	1	59	48.7	1.1	56.4	33	11.2	0												
NE07668		C	-0.5	1	4		Dropped: poor yield							41.9	-0.5	56.5	30	12.1	4												
NE08457		A	0.8	1	1	58	51	0.8	56.7	31.4	13.1	1	58																		
NE99495	51.5	B	0.5	4	2	62	50	0.4	56.0	33.8	12.7	2	62	44.2	0.0	56.7	32	11.2	2	65.7	0.9	59.7	31	11.4	2	61	48.3	0.5	55.2	30	11.5
NI04420		C	-0.9	1																Dropped: poor yield							38.3	-0.9	54.4	31	11.1
NI04421 (Robidoux)		E	-3.0	1																Dropped: susceptible to bunt, poor yield							22.8	-3.0	51.3	29	10.7
NIO8708		A	0.9	1	1	61	52	0.9	55.1	32.6	12.2	1	61																		
NW03666 (W)		A	0.8	3	2	61	52	0.9	54.3	34.1	12.1	3	57	47.5	0.8	56.6	32	10.8	2	65.7	0.9	58.5	33	11.4	2	64					
NW03681 (W)	48.2	C	-0.3	4	3	61	46	-0.7	57.6	33.3	13.2	3	60	42.5	-0.4	58.4	31	11.9	3	61.3	-0.2	60.1	31	12.0	2	61	43.8	-0.1	55.6	30	11.9
NW07505 (W)		A	0.8	2	2	62	49	0.2	56.0	35.5	12.1	2	62	50.3	1.4	56.8	34	11.5	2												
NX04Y2107		C	-0.9	1																Dropped: poor yield							38.1	-0.9	54.3	31	11.6
NX05M4180-6		D	-1.9	1	0	53	41	-1.9	48.8	31.9	11.7	0	53																		
OVERLAND	54.6	A	0.9	4	3	58	54	1.5	56.7	34.5	12.2	2	59	48.2	0.9	57.0	32	10.9	5	63.2	0.3	59.0	32	11.7	3	57	51.3	0.9	55.0	32	11.7
PRONGHORN	50.4	B	-0.1	4	1	64	45	-0.9	56.8	37.2	12.9	0	61	39.7	-1.0	57.2	35	11.5	2	63.2	0.3	59.8	37	11.5	1	66	52.9	1.2	56.1	37	11.4
SD05118-1 (Ideal)		A	1.4	1	5	65								Re-targeted to Western Nebraska						67.8	1.4	59.2	31	11.5	5	65					
SD07165		A	1.0	2	2	62	54	1.5	56.4	33.8	12.0	1	62	46.8	0.6	56.2	32	10.9	3												
SNOWMASS (W)		A	0.8	1	3		Re-targeted to Western Nebraska							47.6	0.8	57.2	32	10.7	3												
WAHOO	52.7	B	0.7	4	3	65	50	0.4	54.8	35.7	12.4	1	62	46.8	0.6	55.7	32	10.6	3	68.2	1.5	58.1	33	11.4	3	69	46.8	0.3	53.7	33	11.5
WESLEY	49.0	B	-0.1	4	2	62	48	0.0	56.0	30.5	12.9	2	59	42.2	-0.5	55.7	30	11.8	4	61.8	0.0	58.1	30	11.3	2	64	44.8	0.0	53.8	29	11.6
AVERAGE	50.2				2.2	61	48		55.9	34.5	12.5		61	44.2		56.8	33	11.4		65.0		58.7	33	11.3	2	61	44.5		54.5	31	11.5
L.S.D. (.05)	3.4						4		3.1	1.7	0.3			6.2		0.9	2			7.6		1.1	2	0.5	2						
C.V.	12.2						8		5.9	52.0	2.8			15.6		1.5	7	2.8		9.8		1.1	4	2.4	4						