Organic Wheat Variety Trial Results for High Plains Ag Lab, Sidney, NE, 2008 - 2012

	2008 - 2012					2012						2011						2010						2009						2008				
Cultivar	Grain Yield Group	Ave. Grain Yield Z score	years tested	Relative Flowering Date	Percent Vegetative Cover at Jointing Stage	Grain Yield bu/a	Grain Yield z-score	Bushel Weight (lbs./bu.)	Grain Protein (%)	Plant Height (inches)	Relative Flowering Date	Grain Yield bu/a	Grain Yield z-score	Bushel Weight (lbs./bu.)	Grain Protein (%)	Plant Height (inches)	Percent Vegetative Cover at Jointing Stage	Grain Yield bu/a	Grain Yield z-score	Bushel Weight (lbs./bu.)	Grain Protein (%)	Plant Height (inches)	Relative Flowering Date	Grain Yield bu/a	Grain Yield z-score	Bushel Weight (lbs./bu.)	Grain Protein (%)	Plant Height (inches)	Percent Vegetative Cover at Jointing Stage	Grain Yield bu/a	Grain Yield z-score	Bushel Weight (lbs./bu.)	Grain Protein (%)	Plant Height (inches)
2137	C	-1.0	1																					Dropped: poor yield						39	-1.0	60.7	12.2	18
2145	C	-0.9	1																					Dropped: poor yield						39	-0.9	61.0	11.7	20
ALICE (W)	B	-0.5	4	1	54	Dropped: poor to mediocre yield						31	-1.5	58.2	13.5	39	59	68	-0.1	59.1	11.9	30	1	36	-0.2	57.0	14.0	22	50	44	0.1	60.9	12.5	17
ALLIANCE	B	0.2	4	1	50	Dropped: mediocre yield						46	0.5	59.0	13.4	36	55	68	-0.1	58.0	12.0	31	1	37	0.0	59.3	12.7	24	44	46	0.5	60.6	11.5	20
ANTELOPE	B	0.0	4	2	46	Dropped: mediocre yield						38	-0.5	56.9	13.5	36	59	66	-0.5	59.9	12.5	29	2	42	1.0	59.2	13.2	24	32	43	0.0	61.4	12.2	20
ANTON (W)	D	-1.2	1																					Dropped: poor yield						38	-1.2	61.5	12.3	17
ARROWSMITH (W)	B	-0.4	4	4	54	Dropped: poor bread quality						42	0.0	58.7	13.6	38	59	74	1.0	58.1	12.0	37	4	26	-2.5	56.7	15.0	25	50	43	0.0	60.7	12.0	20
BUCKSKIN	B	-0.6	5	2	50	26	-2.1	57.6	15.5	30	3	36	-0.9	59.6	13.8	42	59	68	0.0	59.8	12.1	36	1	40	0.7	60.3	13.1	26	42	40	-0.7	61.0	12.2	18
CAMELOT	B	0.4	5	1	57	35	0.7	57.3	14.1	31	2	44	0.3	58.5	14.2	38	63	72	0.6	58.7	12.6	33	0	42	0.9	58.4	13.0	26	50	42	-0.2	60.6	11.8	20
CLARKS CREAM (W)	E	-2.3	3	0	56	Dropped: poor yield and bread quality						15	-3.8	57.9	15.5	35	52	56	-2.2	60.8	13.6	38	0	33	-0.9	58.7	13.4	28	60					
DANBY (W)	B	0.3	3	2	55	Dropped: poor bread quality						53	1.5	59.1	12.5	34	56	62	-1.2	59.7	11.2	31	2	40	0.6	59.2	12.5	21	54					
DARRELL	B	-0.2	4	2	51	Dropped: poor yield most years						37	-0.7	59.2	13.8	36	59	66	-0.3	58.3	11.8	34	2	36	-0.4	57.1	13.0	24	42	46	0.5	61.0	12.1	19
EXPEDITION	B	0.2	2	1	61	Re-targeted to Eastern NE: mediocre yield						40	-0.4	59.5	14.3	38	61	73	0.9	60.2	12.3	32	1											
GOODSTREAK	B	0.3	5	1	55	32	-0.3	58.3	14.9	32	2	41	-0.1	59.4	13.5	39	61	69	0.1	60.8	12.1	36	1	41	0.9	57.0	12.9	25	50	49	1.2	61.0	12.0	21
HARRY	A	1.1	2		54																			Dropped: low test weight						41	0.9	56.3	12.4	22	54	49	1.2	59.8	11.1	20
HATCHER	A	0.9	5	2	49	37	1.2	56.9	15.4	27	2	50	1.0	59.3	11.8	36	59	65	-0.5	59.3	11.9	28	1	42	1.1	58.0	12.7	21	40	51	1.8	61.4	11.4	19
KARL 92	B	-0.4	4	2	52	37	1.4	59.4	14.1	28	2	38	-0.6	58.2	15.1	36	57	63	-0.9	60.0	12.4	29	1	31	-1.3	57.8	15.1	24	46					
MACE	B	0.4	3	3	48	39	1.7	58.1	15.0	27	3													37	-0.1	57.0	13.3	22	48	41	-0.4	60.3	11.1	17
MCGILL	B	0.6	5	2	53	35	0.7	56.2	15.4	29	2	52	1.4	58.3	13.1	37	54	71	0.5	58.4	11.4	33	2	39	0.4	59.0	12.7	24	52	43	-0.1	60.3	11.7	20
MILLENNIUM	B	0.4	5	3	60	31	-0.4	58.3	15.5	30	3	43	0.2	58.4	13.3	36	62	77	1.5	60.0	11.7	34	2	36	-0.2	55.6	13.0	23	58	48	1.1	61.0	12.3	20
NE02558	C	-0.8	1	1								Dropped: poor yield						64	-0.8	57.3	11.9	32	1											
NE02584	B	-0.6	1																					Dropped: poor yield						40	-0.6	62.3	12.0	18
NE03490	B	0.5	4	1	57	Re-targeted to Eastern Nebraska						43	0.1	58.3	12.6	35	57	67	-0.3	58.1	12.4	29	1	44	1.5	58.9	12.6	24	56	47	0.9	60.2	11.2	18
NE04424	B	-0.1	4	1	58	Dropped: poor yield						37	-0.7	58.4	13.3	38	63	74	1.1	57.5	12.0	34	1	33	-0.9	58.3	13.2	23	52	43	0.0	61.5	11.7	20
NE04490	D	-1.3	2		46															Dropped: poor yield				28	-2.0	59.3	13.3	27	46	41	-0.6	60.6	12.4	20
NE05425	D	-1.5	1		52															Dropped: poor yield				30	-1.5	59.4	13.9	26	52					
NE05496	B	0.3	3	2	56	30	-0.7	56.5	15.0	26	3	50	1.0	58.3	12.6	35	56	71	0.5	59.0	12.0	32	1											
NE05548	B	0.0	4	2	53	30	-0.8	54.9	15.6	30	2	40	-0.3	59.0	13.7	37	58	71	0.5	58.0	12.8	37	1	40	0.6	57.4	13.9	26	48					
NE06469	B	0.2	4	2	53	30	-0.7	55.2	15.0	29	3	43	0.2	58.4	12.6	37	53	71	0.4	57.8	11.6	33	1	42	1.0	58.6	12.7	26	52					
NE06545	B	0.0	2	2		38	1.7	57.3	14.8	27	2	Dropped: poor yield, then reinstated						59	-1.7	55.6	11.8	30	1											
NE06607	B	-0.1	3	2	60	33	0.2	55.2	14.2	29	2	39	-0.4	59.0	12.7	37	60	68	0.0	56.4	11.9	34	1											
NE07409	B	-0.5	1	2		31	-0.5	58.2	15.2	28	2																							
NE07444	B	-0.6	1	1								Dropped: poor yield						65	-0.6	56.1	11.7	33	1											
NE07531	C	-1.1	1	3		29	-1.1	57.0	14.4	26	3																							
NE07569	B	-0.6	3	3	58	31	-0.4	57.7	14.4	27	3	41	-0.2	58.6	12.8	35	58	62	-1.2	56.7	13.4	31	2											
NE08457	B	0.1	2	2	59	33	0.0	59.3	14.8	28	2	44	0.2	59.8	14.6	33	59																	
NE08509	B	0.5	1	3		34	0.5	57.8	14.8	25	3																							
NE08659	C	-1.0	1	3		29	-1.0	56.1	14.9	28	3																							
NE99495	B	-0.3	5	2	53	35	0.7	56.6	14.2	28	2	43	0.1	58.0	13.0	35	55	61	-1.3	57.2	12.1	32	1	37	0.0	58.6	13.4	23	52	38	-1.2	60.9	12.3	21
NI04420	A	1.1	1																											Re-targeted to irrigated envrionments					48	1.1	61.1	11.6	19
NI04421 (ROBIDOUX)	D	-1.5	1																					Dropped: susceptible to bunt, poor yield						36	-1.5	58.8	11.1	21
NI08708	A	0.7	2	2	64	36	1.0	57.1	13.7	28	2	44	0.3	57.6	13.1	35	64																	
NW03666 (W)	B	0.3	4	2	52	37	1.2	56.3	15.5	30	2	39	-0.5	58.2	14.0	39	57	66	-0.4	58.0	12.2	32	1	41	0.8	58.7	13.0	24	48					
NW03681 (W)	B	0.5	5	2	54	33	0.2	57.9	14.7	28	3	45	0.5	59.8	12.9	41	59	79	2.0	61.0	12.0	32	1	37	0.0	57.0	14.0	24	50	43	-0.1	61.4	12.4	19
NW05M6011-10-2	B	-0.6	1	4		31	-0.6	60.1	15.0	27	4																							
NW05M6011-22-3	B	-0.2	1	4		32	-0.2	57.8	14.7	29	4																							
NW07505 (W)	A	1.1	3	1	57	38	1.6	56.5	14.4	28	0	44	0.2	59.5	11.9	37	57	76	1.5	58.3	11.8	34	1											
NX04Y2107	B	-0.4	1																					Dropped: poor yield; waxy specialty line						41	-0.4	60.6	12.4	20
OVERLAND	A	0.8	5	3	58	36	1.0	58.0	13.7	29	3	48	0.9	58.2	13.4	35	60	77	1.5	59.8	11.6	33	2	37	-0.1	56.9	12.7	26	56	47	0.7	60.4	11.8	21
PRONGHORN	B	-0.2	5	1	57	31	-0.5	58.3	14.8	31	2	32	-1.4	57.8	14.0	38	64	72	0.7	60.7	12.6	35	0	33	-0.9	57.7	13.0	25	50	48	1.0	61.2	12.2	20
RIPPER	D	-1.6	1	1								Dropped: poor yield						59	-1.6	55.4	12.9	29	1											
Scout66	B	-0.7	1	3		30	-0.7	59.4	16.0	30	3																							
SD05118-1 (IDEAL)	B	-0.1	4	4	51	25	-2.2	55.1	15.8	25	4	53	1.5	59.7	12.0	37	55	69	0.1	58.3	12.1	32	3	39	0.4	56.2	13.4	21	46					
SNOWMASS (W)	B	0.5	3	2	56	31	-0.4	57.0	13.6	29	2	49	0.9	58.7	12.6	35	56	74	1.0	58.2	11.7	32	2											
TURKEY	C	-0.8	1	4		30	-0.8	58.0	14.2	29	4																							
WAHOO	A	0.7	5	2	60	32	-0.3	56.5	15.9	27	3	47	0.6	58.0	12.5	34	67	72	0.7	57.7	12.1	33	1	42	1.0	54.7	13.3	24	54	50	1.4	59.9	12.0	19
WESLEY	B	-0.7	5	2		33	0.1	55.3	15.2	26	3	47	0.6	58.3	13.2	36	64	65	-0.7	57.4	12.7	27	1	33	-0.9	58.2	14.2	21	64	32	-2.5	60.3	12.1	21
AVERAGE				2	54	3		57.0	14.8	28	2	42		58.6	13.3	37	59	68		58.5	12.1	32	1	38		57.9	13.3	24	50	43		60.8	11.9	19
L.S.D. (.05)						33		1.3	1.6	2	1	13		NS	1.3	NS	NS	8		2.1	0.7	2	1	6.1		2.0	0.5	3	1	20		1.0	1.3	2
C.V.											0.0	24		2.1	4.9	10.8	13.6	11		2.9	4.9	5.9	1.6	12.8		1.7	2.1	9.7	16.5	30		1.2	8.1	12