

Organic Winter Wheat State Variety Trial Yield Summary and 2011 Protein Results in Three Eastern Nebraska Counties (Saunders, Clay and Dixon Counties) and in Cheyenne County (Western Nebraska)

	East (ARDC, HAL and SCAL)			West (HPAL)			HAL	SCAL	ARDC	HAL	SCAL	ARDC	HPAL
	2008 - 2010	2011		2008 - 2010	2011		2011			2011			
	ave Z scores† for Yield	Yield (bu/a)	Z score† for Yield	ave Z scores† for Yield	Yield (bu/a)	Z score† for Yield	Yield (bu/a)	Yield (bu/a)	Yield (bu/a)	Grain Protein Content (percent on 12 % moisture basis)			
ALICE (W)	-0.9	45	-1.0	-0.7	31	-1.5	40.7	46.8	47.1	12.5	12.7	12.7	13.5
ALLIANCE	0.0	50	0.5	-0.7	46	0.5	41.3	50.7	51.7	11.5	11.6	11.8	13.4
ANTELOPE				0.6	38	-0.5							13.5
ARROWSMITH (W)	-1.4			-0.4	42	0.0							13.6
BUCKSKIN	-1.2	43	-1.3	-0.5	36	-0.9	44.3	41.7	42.6	12.6	12.8	12.9	13.8
CAMELOT	0.9	50	0.5	0.4	44	0.3	48.1	47.5	56.8	12.6	12.7	12.7	14.2
CLARKSCREAM (W)	-2.7	35	-3.5	-2.2	15	-3.8	31.1	36.5	37.0	14.0	14.1	14.6	15.5
DANBY (W)	-0.4	47	-0.3	-1.3	53	1.5	40.3	47.5	54.6	11.6	12.0	12.0	12.5
DARRELL	-0.7	45	-0.9	-0.9	37	-0.7	49.4	40.0	48.0	12.3	12.9	12.8	13.8
EXPEDITION	0.7	51	0.8	0.9	40	-0.4	47.5	49.3	56.4	12.1	12.4	12.4	14.3
GOODSTREAK	1.0	49	0.2	0.2	41	-0.1	51.3	47.9	53.3	12.9	13.0	14.1	13.5
HALLAM		50	0.6				51.5	47.6	53.4	12.0	12.2	12.4	
HATCHER	-1.2	43	-1.4	1.0	50	1.0	36.8	41.7	50.3	12.4	12.5	12.6	11.8
KARL 92	-0.9	44	-1.1	-1.2	38	-0.6	35.8	45.5	49.7	13.0	13.5	13.9	15.1
LYMAN		49	0.0				49.1	44.0	52.4	13.7	13.6	13.5	
MILLENNIUM	0.1	50	0.4	0.7	43	0.2	46.4	50.1	52.1	12.6	12.7	12.5	13.1
NE01481 (MCGILL)	0.5	50	0.5	0.5	52	1.4	44.8	51.8	53.7	12.0	12.0	12.1	13.3
NE02558	1.8	47	-0.3	-0.8			43.7	46.5	52.6	12.3	12.2	11.8	
NE03490	0.9	50	0.5	0.2	43	0.1	45.6	49.5	57.0	11.9	11.8	11.7	12.6
NE04424	0.7	48	-0.2	0.7	37	-0.7	41.7	47.7	52.5	12.4	12.3	12.4	13.3
NE05425	0.2	49	0.1				43.7	46.6	54.3	12.6	12.8	12.4	
NE05430	0.1	50	0.4				51.4	47.9	51.6	12.2	12.1	12.2	
NE05496	0.1	50	0.5	0.5	50	1.0	47.8	48.4	55.3	12.3	12.4	12.4	12.6
NE05548	0.6	49	0.3	0.6	40	-0.3	46.9	50.0	49.8	12.9	13.0	13.3	13.7
NE06469				0.6	43	0.2							12.6
NE06545	1.1	53	1.3	-1.7			48.3	52.2	59.1	11.9	11.7	11.6	
NE06607				0.0	39	-0.4							12.7
NE07444	1.1	50	0.3	-0.6			44.9	51.6	51.5	12.5	12.4	12.2	
NE07569				-1.2	41	-0.2							12.8
NE08457		51	0.8		44	0.2	44.4	50.3	56.7	12.8	13.1	13.2	14.6
NE99495	0.2	50	0.4	-1.1	43	0.1	47.1	48.1	52.9	12.5	12.7	12.9	13.0
NIO8708		52	0.9		44	0.3	42.8	48.6	60.7	12.1	12.3	12.2	13.1
NW03666 (W)	1.0	52	0.9	-0.2	39	-0.5	49.8	53.5	54.3	12.3	11.9	12.1	14.0
NW03681 (W)	-0.2	46	-0.7	1.0	45	0.5	44.8	43.9	50.3	13.0	13.2	13.5	12.9
NW07505 (W)	1.4	49	0.2	1.5	44	0.2	45.1	50.5	51.3	12.0	12.1	12.4	11.9
NX05M4180-6		41	-1.9				38.1	35.1	50.4	12.0	11.9	11.4	
OVERLAND	0.8	54	1.5	1.2	48	0.9	53.3	52.0	56.9	12.2	12.2	12.2	13.4
PRONGHORN	-0.2	45	-0.8	-0.1	32	-1.4	47.0	46.5	43.2	12.7	13.0	13.1	14.0
SD05118-1 (IDEAL)				0.3	53	1.5							12.0
SD07165	0.6	54	1.5				49.0	55.2	56.9	11.9	11.8	12.3	
SNOWMASS (W)	0.8			1.0	49	0.9							12.6
WAHOO	1.0	50	0.4	1.1	47	0.6	52.1	46.0	51.3	12.2	12.3	12.6	12.5
WESLEY	-0.6	48	0.0	-1.2	47	0.6	40.5	46.2	55.9	12.9	12.9	12.8	13.2
AVERAGE		48			42		45.2	47.4	52.3	12.4	12.5	12.6	13.3
L.S.D. (.05)		4			13		7.2	4.4	4.4	0.5	0.4	0.4	1.3
C.V.		8			24		9.5	8.0	6.8	2.6	2.9	2.3	4.9

†Z-score is the standard deviation from the nursery average.