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2007 Winter Wheat Variety Results

Winter wheat yields were good in Wisconsin this year, with almost no winter injury observed. The hard frost in the first week of April did slow spring growth. Moisture stress during the growing season adversely affected yields and added to field variation. Growers in some areas of the state with more adequate rainfall have reported whole field yields nearing 100 bu/acre with good test weights and very limited lodging.

The 2007 performance trials included public varieties, experimental, and commercial entries. Trials were conducted at Arlington, Janesville, Racine, and Chilton. All varieties were treated with a fungicide seed treatment. Two year means are included for all entries tested in 2006 and 2007.

We also thank the WI Crop Improvement Association for sponsoring public entry of released and experimental public lines into our trials.

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2007 Winter Wheat Variety Trial Results.
Arlington, Janesville, Racine, and Chilton, Wisconsin.

Brand	Entry	Class (1)	2007 Means				Arlington		Janesville		Racine		Chilton		2-Year
			Yield	Test Wt.	Height	Lodging (2)	Yield	Test Wt.	Yield	Test Wt.	Yield	Test Wt.	Yield	Test Wt.	Mean Yield
			bu/a	lb/bu	in	(0-9)	bu/a	lb/bu	bu/a	lb/bu	bu/a	lb/bu	bu/a	lb/bu	bu/a
Public	Cardinal	SR	71	59.2	35	1	79	59.6	69	58.6	72	58.8	64	59.9	78
Public	Bess	SR	79	59.8	32	1	77	60.5	77	58.4	86	59.7	75	60.7	
Public	Hopewell	SR	77	58.9	31	0	78	58.9	75	57.3	76	59.0	77	60.3	83
Public	Kaskaskia	SR	76	60.5	34	1	72	61.2	74	60.1	83	60.0	74	61.0	86
Public	Truman	SR	86 *	60.2	35	1	85 *	60.4	79	59.0	96 *	60.8	84 *	60.7	88
Public	Arapahoe	HR	73	60.1	35	2	77	60.5	69	59.3	74	60.0	72	60.7	
Public	Jerry	HR	76	60.4	38	2	80	61.1	75	59.7	77	59.4	73	61.3	
Agripro Coker	Benton	SR	82 *	59.0	30	0	88 *	59.5	73	58.3	93 *	58.4	75	59.7	
Agripro Coker	Branson	SR	80	58.9	29	0	76	59.4	73	57.5	94 *	59.1	76	59.6	
Agripro Coker	M 01-4377	SR	84 *	61.6	32	0	83	61.9	89 *	61.2	90 *	61.2	75	62.0	
Diener	D 490 W	SR	83 *	59.0	30	0	87 *	59.4	82	57.6	87 *	58.9	76	60.1	91 *
Diener	D 510 W	SR	78	59.9	33	0	85 *	59.8	74	59.2	72	59.3	80 *	61.3	84
Diener	D 502 W	SR	82 *	58.3	32	1	93 *	59.2	77	57.3	92 *	57.8	66	59.0	
Diener	XW 60	SR	82 *	58.5	33	1	83	59.5	79	57.3	94 *	58.3	71	59.1	
Dyna-Gro	DG 410	SR	77	59.4	34	1	83	60.4	75	58.7	81	58.9	68	59.5	86
Dyna-Gro	DG 421	SR	78	60.0	29	1	75	59.9	69	58.9	87 *	60.0	80 *	61.1	
Growmark	FS 628	SR	83 *	58.5	33	1	82	59.3	77	57.4	100 *	58.4	74	59.1	
Growmark	FS 634	SR	78	59.5	34	1	75	60.1	77	58.8	83	58.9	77	60.2	86
Growmark	FS 637	SR	83 *	59.1	30	1	75	59.3	78	57.5	95 *	59.4	84 *	60.3	91 *
Growmark	FS 645	SR	72	59.7	30	0	71	60.0	67	58.8	81	59.9	69	60.1	84
Growmark	FS 8309	SR	83 *	59.9	30	0	79	60.1	81	58.7	86	60.0	85 *	60.8	87
JGL	Exp 701	SR	84 *	57.0	31	0	83	57.2	77	55.3	93 *	57.7	81 *	57.9	
JGL	Exp 702	SR	80	58.2	30	0	82	58.3	73	56.6	88 *	58.3	76	59.7	
JGL	Exp 703	SR	83 *	59.1	33	0	77	59.5	75	57.8	94 *	58.9	86 *	60.3	
Jung	5804	SR	77	59.9	32	1	73	59.9	73	59.2	90 *	60.1	73	60.5	86
Jung	5988	SR	83 *	59.5	32	0	84	59.8	77	58.6	84	58.5	85 *	61.2	89
Jung	5932	SR	80	58.0	30	0	78	57.9	72	56.8	91 *	58.4	77	59.2	

Continued

2007 Winter Wheat Variety Trial Results. Arlington, Janesville, Racine, and Chilton, Wisconsin.

Brand	Entry	Class (1)	2007 Means				Arlington		Janesville		Racine		Chilton		2-Year
			Yield bu/a	Test Wt. lb/bu	Height in	Lodg- ing (2) (0-9)	Yield bu/a	Test Wt. lb/bu	Yield bu/a	Test Wt. lb/bu	Yield bu/a	Test Wt. lb/bu	Yield bu/a	Test Wt. lb/bu	Mean Yield bu/a
Kaltenberg	KW 51	SR	74	59.6	30	0	77	60.7	73	59.0	86	59.6	59	59.2	85
Kaltenberg	KW 53	SR	83 *	59.0	31	0	84	59.4	81	57.6	93 *	59.0	75	60.2	90 *
Kaltenberg	KW 55	SR	79	60.2	34	0	77	60.6	72	58.8	87 *	60.0	81 *	61.2	89
Kaltenberg	KW 60	SR	83 *	59.6	32	0	82	60.1	77	58.5	91 *	58.8	82 *	61.0	89
Kaltenberg	KW 61	SR	78	58.9	33	0	71	59.1	75	57.8	89 *	58.6	78	60.1	
Kaltenberg	KW 62	SR	82 *	58.9	33	1	80	59.3	76	57.4	92 *	59.4	81 *	59.5	
Kaltenberg	KW 63	SR	82 *	59.6	30	0	75	59.6	81	58.3	95 *	59.7	77	60.7	
Pioneer	25R37	SR	78	60.2	28	0	79	60.6	74	59.3	82	60.0	75	60.9	86
Pioneer	25R47	SR	89 *	58.6	29	0	86 *	58.7	94 *	58.0	91 *	57.6	86 *	60.0	95 *
Pioneer	25R51	SR	84 *	59.2	29	0	78	60.4	87 *	58.3	91 *	58.2	79 *	59.7	91 *
Pioneer	25R56	SR	82 *	57.9	27	0	75	58.3	80	56.8	83	57.4	89 *	59.3	
Pro Seed Genetics	Pro 200	SR	81	59.5	33	1	84	60.1	79	58.8	86	59.7	74	59.5	86
Pro Seed Genetics	Pro 220	SR	79	61.1	34	1	77	61.4	81	60.7	78	60.3	79 *	61.9	85
Pro Seed Genetics	Pro Ex 230	SR	75	59.9	29	0	75	59.7	68	59.2	83	60.1	73	60.8	
Pro Seed Genetics	Pro Ex 240	SR	84 *	58.3	33	1	84	59.2	79	57.0	90 *	57.9	82 *	59.1	
Seed-link	Carlisle	HR	71	62.1	30	0	70	62.3	68	61.1	69	61.7	76	63.2	79
Seed-link	Harvard	HR	67	60.3	32	0	61	61.3	55	59.8	73	58.9	77	61.2	76
Welter	Excel 399	SR	75	59.3	34	1	76	59.8	80	58.5	77	58.8	67	60.3	86
Welter	Excel 410TW	SR	70	59.9	34	1	68	60.1	70	58.8	71	59.6	69	61.1	84
Public - exp	IL 99-15867	SR	79	60.2	32	1	77	60.6	80	59.3	82	60.0	75	61.1	86
Public - exp	MO 11126	SR	74	60.4	31	0	70	61.1	70	59.7	80	60.0	74	60.7	
Public - exp	P 99840C4-8-4-12	SR	73	61.3	33	0	73	61.3	68	61.1	74	60.6	78	62.2	85
Public - exp	VA 02W-513	SR	75	61.0	27	0	71	61.6	78	60.2	88 *	60.8	62	61.6	87
Public - exp	VA 03W-409	SR	82 *	59.2	28	0	84	59.8	75	58.0	96 *	58.4	73	60.7	
Public - exp	M01-0960	SR	74	59.2	30	0	78	58.4	69	58.3	79	58.9	70	61.3	
Mean			79	59.5	32	1	78	60.0	76	58.5	85	59.3	76	60.4	86
LSD(.10)			7	0.5	1	1	8	0.8	8	0.5	13	0.7	10	0.9	5

(1) Class: SR = Soft Red and HR = Hard Red; (2) Belgian Lodging System rounded to whole number (0=none - 9=severe)

* Yields followed by a '*' are not significantly different (0.10 level) than the highest yielding cultivar.

2007 Winter Wheat Variety Trial Results.
Arlington, Wisconsin. (Expt. 2780)

Brand	Entry	Class (1)	2007 Means				2006 Means				2-Year
			Yield bu/a	Test Wt. lb/bu	Height in	Lodg- ing (2) (0-9)	Yield bu/a	Test Wt. lb/bu	Height in	Lodg- ing (2) (0-9)	Mean Yield bu/a
Public	Cardinal	SR	79	59.6	35	1	59	52.7	43	3	69
Public	Bess	SR	77	60.5	32	0					
Public	Hopewell	SR	78	58.9	32	0	54	51.4	41	2	66
Public	Kaskaskia	SR	72	61.2	35	1	76	56.0	44	6	74
Public	Truman	SR	85 *	60.4	36	0	75	56.6	41	4	80
Public	Arapahoe	HR	77	60.5	37	3					
Public	Jerry	HR	80	61.1	40	2					
Agripro Coker	Benton	SR	88 *	59.5	32	0					
Agripro Coker	Branson	SR	76	59.4	29	0					
Agripro Coker	M 01-4377	SR	83	61.9	33	0					
Diener	D 490 W	SR	87 *	59.4	32	0	91 *	55.1	40	5	89 *
Diener	D 510 W	SR	85 *	59.8	34	0	62	54.6	43	6	74
Diener	D 502 W	SR	93 *	59.2	34	1					
Diener	XW 60	SR	83	59.5	34	1					
Dyna-Gro	DG 410	SR	83	60.4	36	1	70	54.6	43	1	77
Dyna-Gro	DG 421	SR	75	59.9	30	0					
Growmark	FS 628	SR	82	59.3	34	0					
Growmark	FS 634	SR	75	60.1	34	1	69	54.4	43	1	72
Growmark	FS 637	SR	75	59.3	31	0	82 *	56.2	41	2	79
Growmark	FS 645	SR	71	60.0	30	0	65	55.8	42	6	68
Growmark	FS 8309	SR	79	60.1	31	0	64	54.5	39	0	72
JGL	Exp 701	SR	83	57.2	32	0					
JGL	Exp 702	SR	82	58.3	31	0					
JGL	Exp 703	SR	77	59.5	34	0					
Jung	5804	SR	73	59.9	32	1	73	56.4	43	3	73
Jung	5988	SR	84	59.8	34	0	67	55.0	42	3	76
Jung	5932	SR	78	57.9	31	0					

Continued

2007 Winter Wheat Variety Trial Results. Arlington, Wisconsin. (Expt. 2780)

Brand	Entry	Class (1)	2007 Means				2006 Means				2-Year
			Yield bu/a	Test Wt. lb/bu	Height in	Lodg- ing (2) (0-9)	Yield bu/a	Test Wt. lb/bu	Height in	Lodg- ing (2) (0-9)	Mean Yield bu/a
Kaltenberg	KW 51	SR	77	60.7	32	0	74	56.0	42	5	76
Kaltenberg	KW 53	SR	84	59.4	32	0	79	54.5	41	4	82 *
Kaltenberg	KW 55	SR	77	60.6	35	0	85 *	54.9	43	5	81 *
Kaltenberg	KW 60	SR	82	60.1	33	0	71	55.4	42	2	77
Kaltenberg	KW 61	SR	71	59.1	33	0					
Kaltenberg	KW 62	SR	80	59.3	34	1					
Kaltenberg	KW 63	SR	75	59.6	32	0					
Pioneer	25R37	SR	79	60.6	29	0	82 *	57.1	40	3	81 *
Pioneer	25R47	SR	86 *	58.7	30	0	80 *	52.8	39	2	83 *
Pioneer	25R51	SR	78	60.4	30	0	80 *	52.6	40	2	79
Pioneer	25R56	SR	75	58.3	28	0					
Pro Seed Genetics	Pro 200	SR	84	60.1	36	1	64	56.8	44	3	74
Pro Seed Genetics	Pro 220	SR	77	61.4	35	1	67	58.0	45	2	72
Pro Seed Genetics	Pro Ex 230	SR	75	59.7	30	0					
Pro Seed Genetics	Pro Ex 240	SR	84	59.2	34	1					
Seed-link	Carlisle	HR	70	62.3	31	0	66	56.1	40	3	68
Seed-link	Harvard	HR	61	61.3	34	0	60	55.8	44	3	61
Welter	Excel 399	SR	76	59.8	35	1	73	54.1	44	3	75
Welter	Excel 410TW	SR	68	60.1	34	1	77	55.1	43	2	73
Public - exp	IL 99-15867	SR	77	60.6	31	0	78	54.5	38	4	78
Public - exp	MO 11126	SR	70	61.1	32	0					
Public - exp	P 99840C4-8-4-12	SR	73	61.3	33	0	79	56.3	41	2	76
Public - exp	VA 02W-513	SR	71	61.6	28	0	70	56.2	37	3	71
Public - exp	VA 03W-409	SR	84	59.8	29	0					
Public - exp	M01-0960	SR	78	58.4	30	0					
Mean			78	60.0	33	0	70	54.7	42	3	75
LSD(.10)			8	0.8	2	1	11	1.3	2	2	8

(1) Class: SR = Soft Red and HR = Hard Red; (2) Belgian Lodging System rounded to whole number (0=none - 9=severe)

* Yields followed by a "*" are not significantly different (0.10 level) than the highest yielding cultivar.

**2007 Winter Wheat Variety Trial Results.
Janesville, Wisconsin. (Expt. 2781)**

Brand	Entry	Class (1)	2007 Means				2006 Means				2-Year
			Yield bu/a	Test Wt. lb/bu	Height in	Lodg- ing (2) (0-9)	Yield bu/a	Test Wt. lb/bu	Height in	Lodg- ing (2) (0-9)	Mean Yield bu/a
Public	Cardinal	SR	69	58.6	36	1	85	58.1	40	0	77
Public	Bess	SR	77	58.4	33	0					
Public	Hopewell	SR	75	57.3	31	0	95	58.3	38	0	85
Public	Kaskaskia	SR	74	60.1	34	1	100 *	60.2	41	0	87
Public	Truman	SR	79	59.0	35	0	96	59.5	38	0	88
Public	Arapahoe	HR	69	59.3	34	2					
Public	Jerry	HR	75	59.7	41	2					
Agripro Coker	Benton	SR	73	58.3	32	0					
Agripro Coker	Branson	SR	73	57.5	30	0					
Agripro Coker	M 01-4377	SR	89 *	61.2	35	0					
Diener	D 490 W	SR	82	57.6	32	0	94	58.3	37	0	88
Diener	D 510 W	SR	74	59.2	35	0	98	58.8	39	0	86
Diener	D 502 W	SR	77	57.3	33	1					
Diener	XW 60	SR	79	57.3	33	0					
Dyna-Gro	DG 410	SR	75	58.7	36	2	100 *	58.7	41	0	88
Dyna-Gro	DG 421	SR	69	58.9	31	0					
Growmark	FS 628	SR	77	57.4	34	1					
Growmark	FS 634	SR	77	58.8	36	2	100 *	59.1	40	0	89
Growmark	FS 637	SR	78	57.5	33	0	99 *	58.8	38	0	89
Growmark	FS 645	SR	67	58.8	34	0	96	60.1	40	0	82
Growmark	FS 8309	SR	81	58.7	32	0	93	58.9	38	0	87
JGL	Exp 701	SR	77	55.3	33	0					
JGL	Exp 702	SR	73	56.6	32	0					
JGL	Exp 703	SR	75	57.8	34	0					
Jung	5804	SR	73	59.2	35	2	92	59.8	38	0	83
Jung	5988	SR	77	58.6	33	0	95	58.4	41	0	86
Jung	5932	SR	72	56.8	31	0					

Continued

2007 Winter Wheat Variety Trial Results. Janesville, Wisconsin. (Expt. 2781)

Brand	Entry	Class (1)	2007 Means				2006 Means				2-Year
			Yield bu/a	Test Wt. lb/bu	Height in	Lodg- ing (2) (0-9)	Yield bu/a	Test Wt. lb/bu	Height in	Lodg- ing (2) (0-9)	Mean Yield bu/a
Kaltenberg	KW 51	SR	73	59.0	33	0	98	60.0	38	0	86
Kaltenberg	KW 53	SR	81	57.6	32	0	97	58.9	39	0	89
Kaltenberg	KW 55	SR	72	58.8	34	0	106 *	58.6	41	0	89
Kaltenberg	KW 60	SR	77	58.5	34	0	94	58.7	40	0	86
Kaltenberg	KW 61	SR	75	57.8	36	0					
Kaltenberg	KW 62	SR	76	57.4	36	0					
Kaltenberg	KW 63	SR	81	58.3	32	0					
Pioneer	25R37	SR	74	59.3	30	0	90	59.5	33	0	82
Pioneer	25R47	SR	94 *	58.0	31	0	100 *	57.1	36	0	97 *
Pioneer	25R51	SR	87 *	58.3	31	0	90	57.6	38	0	89
Pioneer	25R56	SR	80	56.8	29	0					
Pro Seed Genetics	Pro 200	SR	79	58.8	33	2	96	59.4	43	0	88
Pro Seed Genetics	Pro 220	SR	81	60.7	36	1	90	60.7	39	0	86
Pro Seed Genetics	Pro Ex 230	SR	68	59.2	30	0					
Pro Seed Genetics	Pro Ex 240	SR	79	57.0	35	0					
Seed-link	Carlisle	HR	68	61.1	31	0	85	60.6	36	0	77
Seed-link	Harvard	HR	55	59.8	33	0	78	59.1	39	0	67
Welter	Excel 399	SR	80	58.5	34	2	98	58.5	40	0	89
Welter	Excel 410TW	SR	70	58.8	35	1	103 *	59.4	41	0	87
Public - exp	IL 99-15867	SR	80	59.3	34	0	95	58.4	38	0	88
Public - exp	MO 11126	SR	70	59.7	33	0					
Public - exp	P 99840C4-8-4-12	SR	68	61.1	34	0	94	60.4	36	0	81
Public - exp	VA 02W-513	SR	78	60.2	30	0	100 *	60.8	33	0	89
Public - exp	VA 03W-409	SR	75	58.0	29	0					
Public - exp	M01-0960	SR	69	58.3	31	0					
Mean			76	58.5	33	1	93	59.0	39	0	86
LSD(.10)			8	0.5	2	1	7	1.1	2	ns	6

(1) Class: SR = Soft Red and HR = Hard Red; (2) Belgian Lodging System rounded to whole number (0=none - 9=severe)

* Yields followed by a '*' are not significantly different (0.10 level) than the highest yielding cultivar.

**2007 Winter Wheat Variety Trial Results.
Racine, Wisconsin. (Expt. 2782)**

Brand	Entry	Class (1)	2007 Means				2006 Means				2-Year
			Yield bu/a	Test Wt. lb/bu	Height in	Lodg- ing (2) (0-9)	Yield bu/a	Test Wt. lb/bu	Height in	Lodg- ing (2) (0-9)	Mean Yield bu/a
Public	Cardinal	SR	72	58.8	33	0	96	56.0	38	0	84
Public	Bess	SR	86	59.7	32	1					
Public	Hopewell	SR	76	59.0	30	0	97	55.4	34	0	87
Public	Kaskaskia	SR	83	60.0	34	1	109 *	57.5	39	0	96 *
Public	Truman	SR	96 *	60.8	34	2	83	56.1	34	0	90
Public	Arapahoe	HR	74	60.0	33	2					
Public	Jerry	HR	77	59.4	35	1					
Agripro Coker	Benton	SR	93 *	58.4	29	0					
Agripro Coker	Branson	SR	94 *	59.1	29	0					
Agripro Coker	M 01-4377	SR	90 *	61.2	32	0					
Diener	D 490 W	SR	87 *	58.9	28	0	101	56.2	34	0	94
Diener	D 510 W	SR	72	59.3	32	0	96	57.2	37	0	84
Diener	D 502 W	SR	92 *	57.8	33	0					
Diener	XW 60	SR	94 *	58.3	33	1					
Dyna-Gro	DG 410	SR	81	58.9	33	1	101	56.7	35	0	91
Dyna-Gro	DG 421	SR	87 *	60.0	28	1					
Growmark	FS 628	SR	100 *	58.4	34	1					
Growmark	FS 634	SR	83	58.9	32	1	98	56.5	36	0	91
Growmark	FS 637	SR	95 *	59.4	28	1	100	55.6	34	0	98 *
Growmark	FS 645	SR	81	59.9	28	0	108 *	57.6	37	0	95 *
Growmark	FS 8309	SR	86	60.0	29	0	99	56.3	35	0	93
JGL	Exp 701	SR	93 *	57.7	30	0					
JGL	Exp 702	SR	88 *	58.3	29	0					
JGL	Exp 703	SR	94 *	58.9	33	1					
Jung	5804	SR	90 *	60.1	31	0	97	56.4	34	0	94
Jung	5988	SR	84	58.5	30	0	95	56.5	39	0	90
Jung	5932	SR	91 *	58.4	31	1					

Continued

2007 Winter Wheat Variety Trial Results. Racine, Wisconsin. (Expt. 2782)

Brand	Entry	Class (1)	2007 Means				2006 Means				2-Year
			Yield bu/a	Test Wt. lb/bu	Height in	Lodg- ing (2) (0-9)	Yield bu/a	Test Wt. lb/bu	Height in	Lodg- ing (2) (0-9)	Mean Yield bu/a
Kaltenberg	KW 51	SR	86	59.6	29	0	90	56.9	34	0	88
Kaltenberg	KW 53	SR	93 *	59.0	29	1	104	56.1	35	0	99 *
Kaltenberg	KW 55	SR	87 *	60.0	32	0	92	56.9	36	0	90
Kaltenberg	KW 60	SR	91 *	58.8	30	0	101	56.6	38	0	96 *
Kaltenberg	KW 61	SR	89 *	58.6	32	0					
Kaltenberg	KW 62	SR	92 *	59.4	32	0					
Kaltenberg	KW 63	SR	95 *	59.7	30	0					
Pioneer	25R37	SR	82	60.0	27	0	90	56.3	34	0	86
Pioneer	25R47	SR	91 *	57.6	28	0	109 *	55.3	33	0	100 *
Pioneer	25R51	SR	91 *	58.2	28	0	115 *	55.4	34	0	103 *
Pioneer	25R56	SR	83	57.4	27	0					
Pro Seed Genetics	Pro 200	SR	86	59.7	31	1	106 *	57.7	37	0	96 *
Pro Seed Genetics	Pro 220	SR	78	60.3	32	0	92	57.8	34	0	85
Pro Seed Genetics	Pro Ex 230	SR	83	60.1	27	0					
Pro Seed Genetics	Pro Ex 240	SR	90 *	57.9	32	1					
Seed-link	Carlisle	HR	69	61.7	29	0	91	58.7	34	0	80
Seed-link	Harvard	HR	73	58.9	30	1	92	58.0	39	0	83
Welter	Excel 399	SR	77	58.8	33	1	106 *	56.9	37	0	92
Welter	Excel 410TW	SR	71	59.6	32	1	102	57.5	36	0	87
Public - exp	IL 99-15867	SR	82	60.0	32	0	81	55.8	33	0	82
Public - exp	MO 11126	SR	80	60.0	30	0					
Public - exp	P 99840C4-8-4-12	SR	74	60.6	32	0	94	58.3	34	0	84
Public - exp	VA 02W-513	SR	88 *	60.8	27	0	100	57.6	30	0	94
Public - exp	VA 03W-409	SR	96 *	58.4	29	0					
Public - exp	M01-0960	SR	79	58.9	29	0					
Mean			85	59.3	31	1	99	56.7	36	0	91
LSD(.10)			13	0.7	2	ns	10	0.7	2	ns	8

(1) Class: SR = Soft Red and HR = Hard Red; (2) Belgian Lodging System rounded to whole number (0=none - 9=severe)

* Yields followed by a "*" are not significantly different (0.10 level) than the highest yielding cultivar.

**2007 Winter Wheat Variety Trial Results.
Chilton, Wisconsin. (Expt. 2783)**

Brand	Entry	Class (1)	2007 Means				2006 Means				2-Year
			Yield bu/a	Test Wt. lb/bu	Height in	Lodg- ing (2) (0-9)	Yield bu/a	Test Wt. lb/bu	Height in	Lodg- ing (2) (0-9)	Mean Yield bu/a
Public	Cardinal	SR	64	59.9	35	2	97	57.8	42	5	81
Public	Bess	SR	75	60.7	31	1					
Public	Hopewell	SR	77	60.3	30	0	113 *	57.2	38	6	95 *
Public	Kaskaskia	SR	74	61.0	34	1	96	58.1	40	6	85
Public	Truman	SR	84 *	60.7	34	1	108	59.2	40	7	96 *
Public	Arapahoe	HR	72	60.7	35	3					
Public	Jerry	HR	73	61.3	36	3					
Agripro Coker	Benton	SR	75	59.7	28	1					
Agripro Coker	Branson	SR	76	59.6	29	1					
Agripro Coker	M 01-4377	SR	75	62.0	29	1					
Diener	D 490 W	SR	76	60.1	28	1	110	57.4	38	6	93
Diener	D 510 W	SR	80 *	61.3	33	1	107	58.7	41	7	94
Diener	D 502 W	SR	66	59.0	29	1					
Diener	XW 60	SR	71	59.1	30	1					
Dyna-Gro	DG 410	SR	68	59.5	33	2	111 *	58.5	40	5	90
Dyna-Gro	DG 421	SR	80 *	61.1	28	1					
Growmark	FS 628	SR	74	59.1	32	1					
Growmark	FS 634	SR	77	60.2	33	2	106	57.5	41	5	92
Growmark	FS 637	SR	84 *	60.3	29	1	113 *	57.6	38	6	99 *
Growmark	FS 645	SR	69	60.1	29	1	111 *	59.1	40	6	90
Growmark	FS 8309	SR	85 *	60.8	30	0	108	57.9	35	7	97 *
JGL	Exp 701	SR	81 *	57.9	29	0					
JGL	Exp 702	SR	76	59.7	28	1					
JGL	Exp 703	SR	86 *	60.3	33	1					
Jung	5804	SR	73	60.5	28	2	118 *	59.6	38	7	96 *
Jung	5988	SR	85 *	61.2	31	0	122 *	58.6	41	7	104 *
Jung	5932	SR	77	59.2	27	0					

Continued

2007 Winter Wheat Variety Trial Results. Chilton, Wisconsin. (Expt. 2783)

Brand	Entry	Class (1)	2007 Means				2006 Means				2-Year
			Yield bu/a	Test Wt. lb/bu	Height in	Lodg- ing (2) (0-9)	Yield bu/a	Test Wt. lb/bu	Height in	Lodg- ing (2) (0-9)	Mean Yield bu/a
Kaltenberg	KW 51	SR	59	59.2	25	1	118 *	59.0	39	6	89
Kaltenberg	KW 53	SR	75	60.2	29	1	104	57.6	36	6	90
Kaltenberg	KW 55	SR	81 *	61.2	33	1	112 *	58.9	40	6	97 *
Kaltenberg	KW 60	SR	82 *	61.0	32	0	117 *	57.9	39	6	100 *
Kaltenberg	KW 61	SR	78	60.1	33	1					
Kaltenberg	KW 62	SR	81 *	59.5	32	2					
Kaltenberg	KW 63	SR	77	60.7	29	1					
Pioneer	25R37	SR	75	60.9	27	0	115 *	58.6	37	7	95 *
Pioneer	25R47	SR	86 *	60.0	27	1	114 *	57.1	36	7	100 *
Pioneer	25R51	SR	79 *	59.7	27	0	106	55.4	35	8	93
Pioneer	25R56	SR	89 *	59.3	27	0					
Pro Seed Genetics	Pro 200	SR	74	59.5	32	2	100	58.6	39	7	87
Pro Seed Genetics	Pro 220	SR	79 *	61.9	34	3	114 *	59.8	40	5	97 *
Pro Seed Genetics	Pro Ex 230	SR	73	60.8	27	1					
Pro Seed Genetics	Pro Ex 240	SR	82 *	59.1	32	1					
Seed-link	Carlisle	HR	76	63.2	31	0	108	60.6	36	6	92
Seed-link	Harvard	HR	77	61.2	31	0	106	60.2	39	6	92
Welter	Excel 399	SR	67	60.3	34	3	110	57.7	41	6	89
Welter	Excel 410TW	SR	69	61.1	34	3	112 *	58.5	41	6	91
Public - exp	IL 99-15867	SR	75	61.1	31	2	117 *	58.4	38	7	96 *
Public - exp	MO 11126	SR	74	60.7	29	1					
Public - exp	P 99840C4-8-4-12	SR	78	62.2	32	0	124 *	59.5	37	6	101 *
Public - exp	VA 02W-513	SR	62	61.6	22	1	123 *	59.5	33	7	93
Public - exp	VA 03W-409	SR	73	60.7	26	1					
Public - exp	M01-0960	SR	70	61.3	28	0					
Mean			76	60.4	30	1	108	58.3	39	7	94
LSD(.10)			10	0.9	2	1	13	0.7	3	1	9

(1) Class: SR = Soft Red and HR = Hard Red; (2) Belgian Lodging System rounded to whole number (0=none - 9=severe)

* Yields followed by a "*" are not significantly different (0.10 level) than the highest yielding cultivar.