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## 2002 Winter Wheat Variety Results

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Winter wheat yields were good to excellent throughout Wisconsin this year. Growers have reported whole field yields in excess of 90 bu/acre in some areas of the state and excellent test weights. Moisture stress and some disease pressure from scab in other parts of the state contributed to limited yields and test weights. Straw yields have been excellent and the lack of significant lodging has produced good returns for most growers.

The 2002 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 four sites in 2002 and 2001.

Thank you for your interest and cooperation.

<http://soybean.agronomy.wisc.edu/>

# 2002 Winter Wheat Variety Trial Yield and Rank

## Arlington, Janesville, Racine, and Chilton WI.

Brand	Entry	Class (1)	Arlington		Janesville		Racine		Chilton		Mean	
			Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank
			bu/a		bu/a		bu/a		bu/a		bu/a	
Public	Bravo	SR	98.8	18	74.5	47	69.3	32	92.8 *	12	83.8	35
Public	Bubba	HR	76.4	59	61.9	53	51.4	54	82.1	55	67.9	54
Public	Cardinal	SR	93.8	35	75.9	45	64.8	44	87.5	34	80.5	45
Public	Glacier	SR	78.9	57	61.1	54	58.9	49	80.3	57	69.8	53
Public	Honey	SR	98.0	22	79.7	37	63.7	46	97.0 *	2	84.6	29
Public	Hopewell	SR	91.6	43	75.8	46	56.9	52	88.9	24	78.3	47
Public	Howell	SR	80.9	55	64.9	52	70.7	28	83.8	46	75.1	50
Public	Kaskaskia	SR	93.2	37	80.4	32	80.1	4	88.3	30	85.5	27
Public	Titan	HR	87.6	48	76.1	44	58.3	50	90.8	18	78.2	48
Public	PRO 100	SR	77.0	58	78.2	41	67.5	38	83.7	47	76.6	49
Agripro	Elkhart	SR	93.2	37	79.0	38	63.6	47	88.4	28	81.1	42
Agripro	Patton	SR	103.5	2	82.0	30	76.6	9	82.4	53	86.1	22
Diener	DB 491 W	SR	93.9	34	86.7	21	72.2	25	88.3	30	85.3	28
Diener	DB 494 W	SR	97.5	26	89.7	16	75.8	11	88.4	28	87.9 *	16
Diener	DB 500 W	SR	96.5	28	90.2	15	73.4	18	89.9	21	87.5 *	17
Diener	DXW 1	SR	100.2	15	95.0 *	4	68.0	36	90.5	19	88.4 *	11
Diener	DXW 2	SR	93.1	39	76.4	43	73.4	18	90.2	20	83.3	38
Diener	DXW 3	SR	91.5	44	91.9 *	9	67.7	37	93.2 *	11	86.1	22
Growmark	FS 450	SR	99.4	17	89.2	17	78.5	7	87.8	33	88.7 *	9
Growmark	FS 539	SR	99.8	16	90.6	13	74.2	16	90.9	17	88.9 *	6
Growmark	FS 640	SR	97.6	25	85.1	26	74.2	17	81.0	56	84.5	31
Growmark	FS 652	SR	103.5	2	98.2 *	1	65.6	41	88.3	30	88.9 *	6
Jung	5880	SR	102.4	5	94.5 *	5	81.1	3	94.2 *	7	93.1 *	1
Jung	5950	SR	101.0	9	90.4	14	68.4	35	82.6	51	85.6	26
Kaltenberg	KW 34	SR	97.9	23	87.2	20	78.6	6	82.5	52	86.5	20
Kaltenberg	KW 38	SR	100.9	10	86.6	22	76.2	10	85.1	41	87.2 *	18
Kaltenberg	KW 39	SR	100.5	13	91.2 *	12	66.3	39	85.0	42	85.7	25
Kaltenberg	KW 42	SR	96.7	27	84.4	28	65.1	43	86.6	38	83.2	39
Kaltenberg	KW 43	SR	103.2	4	97.8 *	2	69.8	31	88.6	26	89.8 *	5
Kaltenberg	KW 44	SR	102.1	6	93.4 *	6	68.8	33	88.9	24	88.3 *	12
Kaltenberg	KW 45	SR	101.6	7	92.6 *	8	74.3	15	86.7	37	88.8 *	8
Kaltenberg	KW 46	SR	93.4	36	85.2	25	63.2	48	96.8 *	3	84.6	29
Kaltenberg	KW 47	SR	100.5	12	79.8	35	75.3	13	98.7 *	1	88.6 *	10
Pioneer	25R23	SR	92.1	41	86.5	23	77.0	8	92.1	14	86.9	19
Pioneer	25R37	SR	98.6	20	95.9 *	3	78.7	5	95.2 *	5	92.1 *	2
Pioneer	25R49	SR	100.6	11	88.6	18	70.4	30	93.6 *	9	88.3 *	12
Pioneer	25R57	SR	98.7	19	91.5 *	11	82.2 *	2	95.6 *	4	92.0 *	3
Seed-link	ACS 51013	HR	92.9	40	80.3	34	66.2	40	86.0	39	81.3	41
Seed-link	ACS 98009	HR	85.1	52	81.6	31	63.8	45	83.4	49	78.5	46
Seed-link	ACS 98091	HR	94.7	33	77.4	42	57.3	51	93.3 *	10	80.7	43
Trelay	Excel 307	SR	95.4	31	91.9 *	9	74.4	14	91.3	16	88.3 *	12
Trelay	Excel 333	SR	101.1	8	85.7	24	73.2	21	91.9	15	88.0 *	15
UAP Great Lakes	DG 403	SR	97.8	24	85.0	27	73.3	20	87.4	35	85.9	24
UAP Great Lakes	DG 419	SR	91.8	42	79.8	35	70.5	29	92.7 *	13	83.7	36
QTI Seeds	Patriot	HR	80.6	56	65.4	51	65.6	41	80.0	58	72.9	51
Public - EXP	Daisy	SR	85.1	51	71.2	48	71.6	26	94.4 *	6	80.6	44
Public - EXP	Lisbo	SR	85.6	50	79.0	38	71.6	26	89.6	23	81.4	40
Public - EXP	Valor	SR	100.3	14	70.1	49	72.3	23	93.9 *	8	84.2	32
Public - EXP	Vicar	SR	83.8	53	67.9	50	56.0	53	84.1	45	72.9	51
Public - EXP	IL 87-2834-1	SR	96.0	29	80.4	32	73.0	22	84.2	44	83.4	37
Public - EXP	IL 94-1653	SR	112.2 *	1	78.6	40	87.4 *	1	88.5	27	91.7 *	4
Public - EXP	IN 92145A2-4-6-2-8	SR	95.2	32	92.9 *	7	68.8	33	80.0	58	84.2	32
Public - EXP	IN W 0123	SR	98.6	20	88.2	19	75.4	12	82.4	53	86.2	21
Public - EXP	OH 645	SR	90.8	45	83.7	29	72.3	23	89.9	21	84.2	32
Mean			94.4		83.1		70.2		88.2		84.2	
LSD(.10)			5.6		7.2		5.3		6.4		6.1	

(1) Class: SR = Soft Red and HR = Hard Red.

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

## 2002 Combined Winter Wheat Variety Trial Results. Arlington, Janesville, Racine, and Chilton, Wisconsin.

Brand	Entry	Class (1)	2002 Means				2001 Means				2-Year
			Yield bu/a	Height in	Lodg- ing (2) (0-9)	Test Wt. lb/bu	Yield bu/a	Height in	Lodg- ing (2) (0-9)	Test Wt. lb/bu	Mean Yield bu/a
Public	Bravo	SR	83.8	39	1	58.3	87.4	41	2	57.7	85.6
Public	Bubba	HR	67.9	42	1	55.8					
Public	Cardinal	SR	80.5	41	0	56.8	85.3	44	1	57.8	82.9
Public	Glacier	SR	69.8	42	1	56.0	75.4	48	2	57.1	72.6
Public	Honey	SR	84.6	36	1	55.8					
Public	Hopewell	SR	78.3	38	0	56.2	96.2 *	41	0	58.7	87.3
Public	Howell	SR	75.1	42	0	58.2	83.6	45	1	59.2	79.3
Public	Kaskaskia	SR	85.5	41	1	59.1	82.4	44	2	58.9	83.9
Public	Titan	HR	78.2	38	0	57.4					
Public	PRO 100	SR	76.6	37	0	59.2					
Agripro	Elkhart	SR	81.1	41	0	58.3	85.9	44	1	58.9	83.5
Agripro	Patton	SR	86.1	40	1	58.3					
Diener	DB 491 W	SR	85.3	41	1	58.8	87.6	44	2	57.7	86.4
Diener	DB 494 W	SR	87.9 *	41	1	58.3	89.0	41	1	57.9	88.4
Diener	DB 500 W	SR	87.5 *	42	0	58.4	91.3	45	1	58.3	89.4
Diener	DXW 1	SR	88.4 *	34	0	57.8					
Diener	DXW 2	SR	83.3	42	1	57.8					
Diener	DXW 3	SR	86.1	39	0	57.9					
Growmark	FS 450	SR	88.7 *	42	1	58.7	88.6	44	1	57.8	88.7
Growmark	FS 539	SR	88.9 *	41	1	59.6					
Growmark	FS 640	SR	84.5	40	2	58.0	94.9 *	40	1	57.3	89.7
Growmark	FS 652	SR	88.9 *	36	0	56.6					
Jung	5880	SR	93.1 *	39	1	58.7	94.8 *	42	1	58.3	93.9 *
Jung	5950	SR	85.6	40	1	57.8	92.6	42	2	58.3	89.1
Kaltenberg	KW 34	SR	86.5	42	0	58.4	90.8	44	1	57.9	88.7
Kaltenberg	KW 38	SR	87.2 *	40	1	58.1					
Kaltenberg	KW 39	SR	85.7	38	1	57.7	89.3	43	2	57.0	87.5
Kaltenberg	KW 42	SR	83.2	43	1	58.4	89.9	46	1	58.1	86.6
Kaltenberg	KW 43	SR	89.8 *	34	1	57.9	94.1 *	37	1	57.4	92.0
Kaltenberg	KW 44	SR	88.3 *	39	0	58.3	92.5	42	1	58.1	90.4
Kaltenberg	KW 45	SR	88.8 *	38	0	58.2					
Kaltenberg	KW 46	SR	84.6	37	0	57.7					
Kaltenberg	KW 47	SR	88.6 *	39	1	57.0					
Pioneer	25R23	SR	86.9	38	1	59.0					
Pioneer	25R37	SR	92.1 *	37	0	59.0	100.5 *	40	0	59.1	96.3 *
Pioneer	25R49	SR	88.3 *	37	0	57.7	99.2 *	39	1	58.4	93.7 *
Pioneer	25R57	SR	92.0 *	39	0	58.5	97.6 *	43	1	58.2	94.8 *
Seed-link	ACS 51013	HR	81.3	38	1	58.9					
Seed-link	ACS 98009	HR	78.5	43	0	57.3					
Seed-link	ACS 98091	HR	80.7	37	0	60.2					
Trelay	Excel 307	SR	88.3 *	41	1	58.7	90.9	44	1	57.8	89.6
Trelay	Excel 333	SR	88.0 *	40	1	58.1					
UAP Great Lakes	DG 403	SR	85.9	39	1	58.2	92.9	41	1	58.0	89.4
UAP Great Lakes	DG 419	SR	83.7	41	1	57.3	89.5	44	1	58.6	86.6
QTI Seeds	Patriot	HR	72.9	40	1	58.9					
Public - EXP	Daisy	SR	80.6	38	0	56.4					
Public - EXP	Lisbo	SR	81.4	37	0	58.9					
Public - EXP	Valor	SR	84.2	41	1	56.6					
Public - EXP	Vicar	SR	72.9	35	1	56.0					
Public - EXP	IL 87-2834-1	SR	83.4	41	0	58.3					
Public - EXP	IL 94-1653	SR	91.7 *	41	2	58.8	91.1	43	2	58.6	91.4
Public - EXP	IN 92145A2-4-6-2-8	SR	84.2	37	0	57.9					
Public - EXP	IN W 0123	SR	86.2	41	0	58.4					
Public - EXP	OH 645	SR	84.2	40	0	58.0					
Mean			84.2	39	0.7	58.0	88.3	42	1	58.2	88.0
LSD(.10)			6.1	1	0.8	1.2	6.5	1	0.4	0.7	4.3

(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.

## 2002 Winter Wheat Variety Trial Results. Arlington, Wisconsin. (Expt. 2230)

Brand	Entry	Class (1)	2002 Means				2001 Means				2-Year
			Yield bu/a	Height in	Lodg- ing (2) (0-9)	Test Wt. lb/bu	Yield bu/a	Height in	Lodg- ing (2) (0-9)	Test Wt. lb/bu	Mean Yield bu/a
Public	Bravo	SR	98.8	41	0	60.4	69.2	35	0	55.2	84.0
Public	Bubba	HR	76.4	43	0	58.7					
Public	Cardinal	SR	93.8	42	0	58.0	70.3	41	1	56.3	82.0
Public	Glacier	SR	78.9	42	0	57.4	55.1	41	2	54.8	67.0
Public	Honey	SR	98.0	38	0	57.3					
Public	Hopewell	SR	91.6	40	0	57.8	69.2	36	0	56.2	80.4
Public	Howell	SR	80.9	43	0	59.3	65.9	38	1	57.3	73.4
Public	Kaskaskia	SR	93.2	43	0	60.5	63.4	38	1	57.3	78.3
Public	Titan	HR	87.6	39	0	58.9					
Public	PRO 100	SR	77.0	39	0	60.5					
Agripro	Elkhart	SR	93.2	43	0	61.0	75.2 *	38	0	56.7	84.2
Agripro	Patton	SR	103.5	41	0	60.2					
Diener	DB 491 W	SR	93.9	43	0	59.9	75.7 *	39	1	55.9	84.8
Diener	DB 494 W	SR	97.5	42	0	59.7	77.1 *	36	0	55.6	87.3
Diener	DB 500 W	SR	96.5	43	0	59.4	73.2	39	1	56.2	84.9
Diener	DXW 1	SR	100.2	34	0	59.2					
Diener	DXW 2	SR	93.1	43	0	58.8					
Diener	DXW 3	SR	91.5	38	0	58.7					
Growmark	FS 450	SR	99.4	43	0	59.5	75.3 *	40	2	56.2	87.3
Growmark	FS 539	SR	99.8	42	0	60.6					
Growmark	FS 640	SR	97.6	41	0	60.2	80.3 *	35	1	54.6	88.9 *
Growmark	FS 652	SR	103.5	37	0	57.3					
Jung	5880	SR	102.4	39	0	59.5	76.6 *	37	1	55.9	89.5 *
Jung	5950	SR	101.0	40	0	59.5	73.9	37	1	55.7	87.4
Kaltenberg	KW 34	SR	97.9	44	0	59.3	79.6 *	39	2	56.6	88.8 *
Kaltenberg	KW 38	SR	100.9	41	0	59.6					
Kaltenberg	KW 39	SR	100.5	41	1	58.7	70.4	39	1	54.7	85.4
Kaltenberg	KW 42	SR	96.7	46	0	59.2	73.8	40	1	56.2	85.2
Kaltenberg	KW 43	SR	103.2	34	0	59.2	76.3 *	32	0	55.6	89.7 *
Kaltenberg	KW 44	SR	102.1	41	0	59.2	79.7 *	37	1	56.2	90.9 *
Kaltenberg	KW 45	SR	101.6	40	0	59.2					
Kaltenberg	KW 46	SR	93.4	39	0	58.9					
Kaltenberg	KW 47	SR	100.5	39	0	57.8					
Pioneer	25R23	SR	92.1	39	0	60.0					
Pioneer	25R37	SR	98.6	38	0	60.6	77.1 *	35	0	56.2	87.8
Pioneer	25R49	SR	100.6	38	0	59.0	74.7 *	34	0	56.0	87.6
Pioneer	25R57	SR	98.7	41	0	59.4	78.7 *	38	0	55.7	88.7 *
Seed-link	ACS 51013	HR	92.9	40	0	60.2					
Seed-link	ACS 98009	HR	85.1	46	0	58.7					
Seed-link	ACS 98091	HR	94.7	39	0	61.6					
UAP Great Lakes	DG 403	SR	97.8	42	0	59.5	74.5 *	35	1	55.5	86.1
UAP Great Lakes	DG 419	SR	91.8	40	0	58.7	70.6	39	1	56.4	81.2
Trelay	Excel 307	SR	95.4	43	0	59.8	70.9	37	1	56.3	83.2
Trelay	Excel 333	SR	101.1	42	0	59.1					
QTI Seeds	Patriot	HR	80.6	41	0	60.3					
Public - EXP	Daisy	SR	85.1	38	0	57.1					
Public - EXP	Lisbo	SR	85.6	37	0	60.0					
Public - EXP	Valor	SR	100.3	43	0	58.7					
Public - EXP	Vicar	SR	83.8	37	0	57.9					
Public - EXP	IL 87-2834-1	SR	96.0	42	0	59.0					
Public - EXP	IL 94-1653	SR	112.2 *	44	0	60.7	73.1	38	1	56.5	92.6 *
Public - EXP	IN 92145A2-4-6-2-8	SR	95.2	38	0	59.6					
Public - EXP	IN W 0123	SR	98.6	43	0	60.0					
Public - EXP	OH 645	SR	90.8	40	0	59.6					
Public - EXP	TW 005-008	SR	81.2	38	1	59.6					
Public - EXP	TW 043-008	SR	90.0	42	0	57.5					
Public - EXP	TW 044-065	SR	90.4	42	0	56.1					
Public - EXP	TW 044-094	SR	95.9	41	0	58.4					
Public - EXP	TWF 017-033	SR	87.1	40	0	60.8					
Mean			94.4	41	0.2	59.2	71.0	37	0.8	56.0	84.9
LSD(.10)			5.6	2	0.2	0.6	6.0	2	1.1	0.4	4.3

(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.

## 2002 Winter Wheat Variety Trial Results. Janesville, Wisconsin. (Expt. 2231)

Brand	Entry	Class (1)	2002 Means				2001 Means				2-Year
			Yield bu/a	Height in	Lodg- ing (2) (0-9)	Test Wt. lb/bu	Yield bu/a	Height in	Lodg- ing (2) (0-9)	Test Wt. lb/bu	Mean Yield bu/a
Public	Bravo	SR	74.5	40	4	58.8	84.6	43	5	56.9	79.6
Public	Bubba	HR	61.9	42	1	53.1					
Public	Cardinal	SR	75.9	43	0	56.6	85.7	46	4	56.5	80.8
Public	Glacier	SR	61.1	43	2	54.3	70.0	51	3	55.7	65.5
Public	Honey	SR	79.7	38	2	56.0					
Public	Hopewell	SR	75.8	40	0	56.5	106.0	44	1	58.8	90.9
Public	Howell	SR	64.9	43	0	57.9	90.0	48	3	58.6	77.5
Public	Kaskaskia	SR	80.4	43	2	59.5	86.2	46	4	57.6	83.3
Public	Titan	HR	76.1	39	0	55.7					
Public	PRO 100	SR	78.2	39	0	60.8					
Agripro	Elkhart	SR	79.0	42	1	59.5	80.1	46	3	57.6	79.6
Agripro	Patton	SR	82.0	40	3	58.2					
Diener	DB 491 W	SR	86.7	43	1	60.8	86.8	45	2	56.2	86.8
Diener	DB 494 W	SR	89.7	42	1	59.5	95.5	45	3	57.6	92.6
Diener	DB 500 W	SR	90.2	43	0	60.2	99.5	48	1	57.6	94.8
Diener	DXW 1	SR	95.0 *	36	0	59.7					
Diener	DXW 2	SR	76.4	44	2	58.1					
Diener	DXW 3	SR	91.9 *	42	0	59.5					
Growmark	FS 450	SR	89.2	43	0	60.6	97.5	47	1	56.4	93.3
Growmark	FS 539	SR	90.6	43	0	61.4					
Growmark	FS 640	SR	85.1	41	5	57.1	99.2	42	2	56.1	92.1
Growmark	FS 652	SR	98.2 *	39	0	57.4					
Jung	5880	SR	94.5 *	41	0	60.7	101.8	45	3	58.0	98.1
Jung	5950	SR	90.4	42	0	60.0	100.1	44	3	57.8	95.3
Kaltenberg	KW 34	SR	87.2	43	0	59.8	97.1	46	2	56.2	92.1
Kaltenberg	KW 38	SR	86.6	41	1	58.9					
Kaltenberg	KW 39	SR	91.2 *	40	1	60.1	95.4	48	4	56.3	93.3
Kaltenberg	KW 42	SR	84.4	44	0	60.5	95.5	50	3	56.8	89.9
Kaltenberg	KW 43	SR	97.8 *	38	0	59.1	97.7	40	2	55.2	97.7
Kaltenberg	KW 44	SR	93.4 *	40	0	60.9	105.3	45	2	57.3	99.3
Kaltenberg	KW 45	SR	92.6 *	40	0	59.3					
Kaltenberg	KW 46	SR	85.2	37	0	59.5					
Kaltenberg	KW 47	SR	79.8	42	3	57.2					
Pioneer	25R23	SR	86.5	40	3	60.8					
Pioneer	25R37	SR	95.9 *	39	0	60.8	117.2 *	44	0	59.7	106.5 *
Pioneer	25R49	SR	88.6	37	1	58.8	105.4	40	1	57.0	97.0
Pioneer	25R57	SR	91.5 *	41	0	61.3	104.5	45	2	57.9	98.0
Seed-link	ACS 51013	HR	80.3	39	3	60.0					
Seed-link	ACS 98009	HR	81.6	45	1	58.0					
Seed-link	ACS 98091	HR	77.4	39	0	61.8					
Trelay	Excel 307	SR	91.9 *	43	0	60.9	93.7	48	3	56.3	92.8
Trelay	Excel 333	SR	85.7	41	1	59.0					
UAP Great Lakes	DG 403	SR	85.0	41	2	58.9	102.3	45	2	57.6	93.7
UAP Great Lakes	DG 419	SR	79.8	43	2	56.8	89.1	48	2	58.0	84.4
QTI Seeds	Patriot	HR	65.4	42	2	59.0					
Public - EXP	Daisy	SR	71.2	40	0	56.2					
Public - EXP	Lisbo	SR	79.0	38	1	59.1					
Public - EXP	Valor	SR	70.1	41	2	54.4					
Public - EXP	Vicar	SR	67.9	37	2	54.3					
Public - EXP	IL 87-2834-1	SR	80.4	43	1	59.1					
Public - EXP	IL 94-1653	SR	78.6	43	5	58.6	91.8	45	5	57.7	85.2
Public - EXP	IN 92145A2-4-6-2-8	SR	92.9 *	38	0	58.4					
Public - EXP	IN W 0123	SR	88.2	41	1	59.4					
Public - EXP	OH 645	SR	83.7	41	0	59.0					
Mean			83.1	41	1.1	58.7	92.7	45	2.4	57.3	90.4
LSD(.10)			7.2	2	1.6	2.2	8.1	2	2	0.9	6.0

(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.

## 2002 Winter Wheat Variety Trial Results. Racine, Wisconsin. (Expt. 2232)

Brand	Entry	Class (1)	2002 Means				2001 Means				2-Year
			Yield	Height	Lodg- ing (2)	Test Wt.	Yield	Height	Lodg- ing (2)	Test Wt.	Mean Yield
			bu/a	in	(0-9)	lb/bu	bu/a	in	(0-9)	lb/bu	bu/a
Public	Bravo	SR	69.3	38	0	58.3	102.3	44	0	61.6	85.8
Public	Bubba	HR	51.4	42	0	53.7					
Public	Cardinal	SR	64.8	40	0	57.0	100.7	46	0	60.1	82.7
Public	Glacier	SR	58.9	42	0	57.9	92.2	51	0	60.6	75.5
Public	Honey	SR	63.7	33	0	55.5					
Public	Hopewell	SR	56.9	35	0	55.7	112.9 *	42	0	61.5	84.9
Public	Howell	SR	70.7	40	0	59.1	97.5	48	0	62.0	84.1
Public	Kaskaskia	SR	80.1	41	0	60.2	98.3	47	0	62.0	89.2
Public	Titan	HR	58.3	36	0	56.4					
Public	PRO 100	SR	67.5	36	0	59.7					
Agripro	Elkhart	SR	63.6	39	0	55.8	100.5	47	0	62.4	82.0
Agripro	Patton	SR	76.6	38	0	59.3					
Diener	DB 491 W	SR	72.2	39	0	59.1	96.4	47	0	61.3	84.3
Diener	DB 494 W	SR	75.8	41	0	58.7	97.6	44	0	60.6	86.7
Diener	DB 500 W	SR	73.4	40	0	58.8	105.7	49	0	61.3	89.5
Diener	DXW 1	SR	68.0	35	0	57.3					
Diener	DXW 2	SR	73.4	42	0	57.6					
Diener	DXW 3	SR	67.7	38	0	57.6					
Growmark	FS 450	SR	78.5	41	0	58.9	98.4	47	0	60.7	88.5
Growmark	FS 539	SR	74.2	38	0	59.7					
Growmark	FS 640	SR	74.2	39	0	58.7	107.2	44	0	61.0	90.7
Growmark	FS 652	SR	65.6	34	0	56.5					
Jung	5880	SR	81.1	38	0	59.1	103.3	46	0	61.2	92.2
Jung	5950	SR	68.4	39	0	57.7	103.8	45	0	61.5	86.1
Kaltenberg	KW 34	SR	78.6	40	0	58.9	100.5	48	0	61.1	89.5
Kaltenberg	KW 38	SR	76.2	38	0	58.0					
Kaltenberg	KW 39	SR	66.3	34	0	57.8	103.9	44	0	60.6	85.1
Kaltenberg	KW 42	SR	65.1	40	0	58.4	109.0 *	49	0	60.8	87.0
Kaltenberg	KW 43	SR	69.8	33	0	57.9	102.4	37	0	60.7	86.1
Kaltenberg	KW 44	SR	68.8	38	0	58.2	104.1	44	0	61.2	86.4
Kaltenberg	KW 45	SR	74.3	36	0	58.8					
Kaltenberg	KW 46	SR	63.2	36	0	57.2					
Kaltenberg	KW 47	SR	75.3	37	0	58.0					
Pioneer	25R23	SR	77.0	38	0	59.6					
Pioneer	25R37	SR	78.7	38	0	58.4	113.7 *	40	0	61.4	96.2 *
Pioneer	25R49	SR	70.4	37	0	57.5	105.3	41	0	61.8	87.8
Pioneer	25R57	SR	82.2 *	37	0	58.4	113.1 *	45	0	61.2	97.7 *
Seed-link	ACS 51013	HR	66.2	37	0	59.8					
Seed-link	ACS 98009	HR	63.8	39	0	57.3					
Seed-link	ACS 98091	HR	57.3	34	0	59.5					
Trelay	Excel 307	SR	74.4	40	0	58.5	102.8	47	0	61.1	88.6
Trelay	Excel 333	SR	73.2	40	0	58.5					
UAP Great Lakes	DG 403	SR	73.3	37	0	58.7	101.0	45	0	61.3	87.1
UAP Great Lakes	DG 419	SR	70.5	40	0	57.3	106.0	45	0	60.9	88.2
QTI Seeds	Patriot	HR	65.6	38	0	59.7					
Public - EXP	Daisy	SR	71.6	37	0	57.7					
Public - EXP	Lisbo	SR	71.6	38	0	58.9					
Public - EXP	Valor	SR	72.3	41	0	57.6					
Public - EXP	Vicar	SR	56.0	33	0	55.7					
Public - EXP	IL 87-2834-1	SR	73.0	39	0	58.9					
Public - EXP	IL 94-1653	SR	87.4 *	38	0	59.7	106.3	45	1	61.4	96.9 *
Public - EXP	IN 92145A2-4-6-2-8	SR	68.8	36	0	58.4					
Public - EXP	IN W 0123	SR	75.4	40	0	59.3					
Public - EXP	OH 645	SR	72.3	41	0	57.2					
Mean			70.2	38	0	58.1	100.8	45	0	61.2	87.6
LSD(.10)			5.3	3	ns	1.2	5.5	2	0.1	0.5	4.9

(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.

## 2002 Winter Wheat Variety Trial Results. Chilton, Wisconsin. (Expt. 2233)

Brand	Entry	Class (1)	2002 Means				2001 Means				2-Year
			Yield bu/a	Height in	Lodg- ing (2) (0-9)	Test Wt. lb/bu	Yield bu/a	Height in	Lodg- ing (2) (0-9)	Test Wt. lb/bu	Mean Yield bu/a
Public	Bravo	SR	92.8 *	38	1	55.7	93.3	43	1	57.3	93.1
Public	Bubba	HR	82.1	39	1	57.8					
Public	Cardinal	SR	87.5	40	0	55.7	84.5	45	1	58.5	86.0
Public	Glacier	SR	80.3	41	1	54.2	84.5	47	3	57.2	82.4
Public	Honey	SR	97.0 *	36	1	54.6					
Public	Hopewell	SR	88.9	36	0	55.0	96.9	43	0	58.4	92.9
Public	Howell	SR	83.8	41	1	56.6	81.1	46	1	58.7	82.4
Public	Kaskaskia	SR	88.3	38	0	56.3	81.7	44	2	58.7	85.0
Public	Titan	HR	90.8	36	1	58.7					
Public	PRO 100	SR	83.7	35	0	56.0					
Agripro	Elkhart	SR	88.4	41	0	57.0	87.8	45	0	58.8	88.1
Agripro	Patton	SR	82.4	39	1	55.7					
Diener	DB 491 W	SR	88.3	41	2	55.5	91.6	45	3	57.5	90.0
Diener	DB 494 W	SR	88.4	39	3	55.2	85.7	40	2	57.6	87.1
Diener	DB 500 W	SR	89.9	41	1	55.1	87.0	44	1	58.3	88.5
Diener	DXW 1	SR	90.5	33	0	55.2					
Diener	DXW 2	SR	90.2	39	0	56.5					
Diener	DXW 3	SR	93.2 *	37	1	55.9					
Growmark	FS 450	SR	87.8	40	2	55.7	83.4	43	2	57.7	85.6
Growmark	FS 539	SR	90.9	40	2	56.6					
Growmark	FS 640	SR	81.0	39	2	55.9	93.0	39	2	57.4	87.0
Growmark	FS 652	SR	88.3	35	1	55.1					
Jung	5880	SR	94.2 *	38	2	55.6	97.4	41	3	58.3	95.8 *
Jung	5950	SR	82.6	37	3	54.0	92.5	42	2	58.4	87.6
Kaltenberg	KW 34	SR	82.5	41	1	55.5	86.0	44	2	57.6	84.2
Kaltenberg	KW 38	SR	85.1	38	2	55.8					
Kaltenberg	KW 39	SR	85.0	38	2	54.1	87.5	42	1	56.4	86.2
Kaltenberg	KW 42	SR	86.6	44	3	55.3	81.5	48	0	58.5	84.0
Kaltenberg	KW 43	SR	88.6	33	2	55.6	100.1 *	38	1	58.2	94.3
Kaltenberg	KW 44	SR	88.9	36	0	55.0	81.2	42	2	57.7	85.0
Kaltenberg	KW 45	SR	86.7	38	1	55.6					
Kaltenberg	KW 46	SR	96.8 *	37	0	55.4					
Kaltenberg	KW 47	SR	98.7 *	39	1	55.0					
Pioneer	25R23	SR	92.1	37	0	55.8					
Pioneer	25R37	SR	95.2 *	35	0	56.4	94.1	40	0	59.1	94.7 *
Pioneer	25R49	SR	93.6 *	35	0	55.3	111.3 *	41	3	58.8	102.4 *
Pioneer	25R57	SR	95.6 *	39	1	55.1	94.3	43	1	58.1	94.9 *
Seed-link	ACS 51013	HR	86.0	38	1	55.7					
Seed-link	ACS 98009	HR	83.4	42	0	55.4					
Seed-link	ACS 98091	HR	93.3 *	38	0	57.9					
Trelay	Excel 307	SR	91.3	39	2	55.8	95.9	45	3	57.4	93.6
Trelay	Excel 333	SR	91.9	39	4	55.7					
UAP Great Lakes	DG 403	SR	87.4	38	3	55.8	93.7	40	3	57.4	90.6
UAP Great Lakes	DG 419	SR	92.7 *	40	0	56.3	92.3	44	1	58.9	92.5
QTI Seeds	Patriot	HR	80.0	40	0	56.7					
Public - EXP	Daisy	SR	94.4 *	36	1	54.7					
Public - EXP	Lisbo	SR	89.6	33	0	57.7					
Public - EXP	Valor	SR	93.9 *	39	2	55.6					
Public - EXP	Vicar	SR	84.1	35	1	56.2					
Public - EXP	IL 87-2834-1	SR	84.2	39	0	56.3					
Public - EXP	IL 94-1653	SR	88.5	39	1	56.3	93.2	45	2	58.7	90.8
Public - EXP	IN 92145A2-4-6-2-8	SR	80.0	35	0	55.0					
Public - EXP	IN W 0123	SR	82.4	40	0	54.9					
Public - EXP	OH 645	SR	89.9	38	0	56.0					
Public - EXP	TW 005-008	SR	83.4	38	2	56.0					
Public - EXP	TW 043-008	SR	84.5	38	0	56.3					
Public - EXP	TW 044-065	SR	85.6	39	1	55.5					
Public - EXP	TW 044-094	SR	87.1	37	0	55.6					
Public - EXP	TWF 017-033	SR	83.6	38	2	56.3					
Mean			88.2	38	1.1	55.8	88.8	43	1.7	58.1	89.3
LSD(.10)			6.4	2	1.7	0.8	12.9	2	1.5	0.5	7.8

(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.