

2006 Winter Wheat Variety Performance Results

The following are results from the University of Wisconsin's winter wheat variety testing program. Varieties are tested at Arlington (ARL), Janesville (JAN), Racine (RAC), and Chilton (CHL). For varieties that have been tested the past two years, mean yields are presented in the last column. Yields followed by an "*" are not significantly different than the highest yielding variety for that test.

Brand	Entry	Class (1)	2006 Means				ARL Yield	JAN Yield	RAC Yield	CHL Yield	2-Year Mean Yield
			Yield	Test Wt.	Height	Lodging (2)					
			bu/a	lb/bu	in	(0-9)	bu/a	bu/a	bu/a	bu/a	bu/a
Public	Cardinal	SR	84	56.2	40	2	59	85	96	97	79
Public	Hopewell	SR	90	55.6	38	2	54	95	97	113 *	81
Public	Kaskaskia	SR	95 *	58.0	41	3	76	100 *	109 *	96	86 *
Public	Truman	SR	91	57.9	38	3	75	96	83	108	80
Diener	D 490 W	SR	99 *	56.8	38	3	91 *	94	101	110	
Diener	D 495 W	SR	92	58.1	38	3	66	96	97	108	81
Diener	D 510 W	SR	91	57.3	40	3	62	98	96	107	
Diener	XW 48	SR	90	56.9	39	3	60	90	96	113 *	83
Gristmill	Excel 211	SR	90	57.5	41	2	65	95	104	96	80
Gristmill	Excel 333	SR	95 *	56.5	39	3	74	98	100	108	82
Gristmill	Excel 352 TW	SR	88	57.1	40	3	61	85	98	108	81
Gristmill	Excel 361	SR	92	59.2	40	2	77	86	100	105	
Gristmill	Excel 399	SR	97 *	56.8	40	2	73	98	106 *	110	84
Gristmill	Excel 410TW	SR	99 *	57.6	40	2	77	103 *	102	112 *	
Gristmill	Excel 442	SR	92	55.7	40	3	68	95	103	101	
Gristmill	GM 305	SR	96 *	57.9	38	2	74	88	101	121 *	
FS Seeds	FS 634	SR	93	56.9	40	2	69	100 *	98	106	80
FS Seeds	FS 637	SR	99 *	57.0	38	2	82 *	99 *	100	113 *	
FS Seeds	FS 645	SR	95 *	58.2	40	3	65	96	108 *	111 *	
FS Seeds	FS 657	SR	80	56.2	41	4	45	91	89	94	
FS Seeds	FS 8309	SR	91	56.9	37	2	64	93	99	108	80
Jung	5988	SR	95 *	57.1	41	3	67	95	95	122 *	
Jung	5804	SR	95 *	58.0	38	3	73	92	97	118 *	80
Kaltenberg	KW 48	SR	82	54.1	40	4	56	78	102	93	71
Kaltenberg	KW 51	SR	95 *	57.9	38	3	74	98	90	118 *	85 *
Kaltenberg	KW 53	SR	96 *	56.8	38	3	79	97	104	104	81
Kaltenberg	KW 55	SR	99 *	57.3	40	3	85 *	106 *	92	112 *	85 *
Kaltenberg	KW 58	SR	90	57.1	40	2	70	94	103	92	82
Kaltenberg	KW 59	SR	87	55.6	41	4	63	97	91	97	
Kaltenberg	KW 60	SR	96 *	57.1	40	2	71	94	101	117 *	
Pioneer	25R37	SR	94	57.9	36	3	82 *	90	90	115 *	79
Pioneer	25R47	SR	101 *	55.6	36	2	80 *	100 *	109 *	114 *	90 *
Pioneer	25R51	SR	98 *	55.2	37	3	80 *	90	115 *	106	
Pioneer	25R63	SR	98 *	55.4	36	3	72	98	111 *	109	
Pioneer	25R78	SR	103 *	57.1	35	2	88 *	100 *	103	122 *	83
Pro Seed Genetics	Pro 200	SR	92	58.1	41	3	64	96	106 *	100	85 *
Pro Seed Genetics	Pro EX 210	SR	89	57.3	39	3	63	96	96	99	80
Pro Seed Genetics	Pro EX 220	SR	91	59.1	40	2	67	90	92	114 *	85 *
Seed-link	Carlisle	HR	88	59.0	36	2	66	85	91	108	80
Seed-link	Harvard	HR	84	58.3	40	2	60	78	92	106	82
Seed-link	Maxine	HR	85	58.4	39	3	63	83	90	105	77
Seed-link	ACS 97003	HR	80	57.1	37	3	53	83	96	87	77
DynaGro	DG 403	SR	91	56.6	39	3	75	92	95	102	79
DynaGro	DG 410	SR	96 *	57.1	39	1	70	100 *	101	111 *	80
DynaGro	DG 419	SR	90	57.2	40	2	62	99 *	99	101	79
Public - exp	IL 99-15867	SR	93	56.8	37	3	78	95	81	117 *	
Public - exp	IL 00-1665	SR	97 *	57.0	37	3	82 *	87	103	114 *	
Public - exp	OH 708	SR	90	55.5	40	2	67	84	95	112 *	
Public - exp	OH 776	SR	85	57.5	39	3	50	85	104	99	
Public - exp	P 981359C1-4-2-1-8	SR	93	59.6	42	2	67	97	97	109	79
Public - exp	P 99608C1-1-3-4	SR	97 *	56.9	38	2	82 *	96	103	108	
Public - exp	P 99840C4-8-4	SR	98 *	58.6	37	2	79	94	94	124 *	
Public - exp	VA 02W-513	SR	98 *	58.5	33	2	70	100 *	100	123 *	
Mean			93	57.2	39	3	70	94	99	108	81
LSD(.10)			8	0.9	1	1	11	7	10	13	5

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