

Table 2. 2000 Combined Winter Wheat Variety Trial Results. Arlington, Janesville, and Racine WI.

Brand	Entry	2000 Means (1)				1999 Means				2-Year
		Yield	Height	Lodg- ing	Test Wt.	Yield	Height	Lodg- ing	Test Wt.	Mean Yield
		bu/a	in	(2)	lb/bu	bu/a	in	(2)	lb/bu	bu/a
PUBLIC	KASKASKIA	54.8	40	1	53.2	85.4	44	3	59.7	70.1
PUBLIC	HOWELL	53.3	41	1	52.5	81.8	44	1	60.4	67.5
PUBLIC	GLACIER	45.4	41	1	49.7	59.1	44	5	56.8	52.3
PUBLIC	FREEDOM	52.3	39	1	49.1	68.4	42	2	56.0	60.3
PUBLIC	CARDINAL	50.9	41	1	50.3	72.8	43	2	57.1	61.8
PUBLIC - EXP	IL87-2834-1	55.0	40	1	52.3					
PUBLIC - EXP	IL89-6489	55.5	38	0	53.8	86.0 *	42	1	59.5	70.7
PUBLIC - EXP	IL94-6734	53.4	39	1	52.9					
PUBLIC - EXP	P88204RB1-2-1-6-70	57.9	37	1	51.8					
PUBLIC - EXP	P92201D5-2-80	56.0	35	1	50.2					
ABT/LACROSSE	HTW 9850	49.9	39	1	50.9					
AGRIPRO	FOSTER	54.6	39	1	50.5					
AGRIPRO	PONTIAC	56.6	37	1	52.2					
DIENER	DB 494W	59.7	39	2	50.6	83.6	42	4	57.2	71.7
DIENER	DB 500W	59.7	40	1	51.2					
DIENER	DB 555W	56.3	40	1	48.8					
DIENER	DB 580W	49.4	40	1	52.2	76.6	43	2	59.9	63.0
DIENER	XL 007	59.5	40	1	50.4					
GROWMARK	FS 527	57.1	40	1	50.3					
GROWMARK	FS 539	61.3	40	1	53.0					
GROWMARK	FS 569	50.8	39	1	50.5	76.5	43	2	58.5	63.6
KALTENBERG	KW 22	54.6	39	1	50.5	86.2 *	42	3	57.8	70.4
KALTENBERG	KW 34	59.3	40	2	50.6	88.0 *	43	2	58.5	73.7 *
KALTENBERG	KW 37	58.3	36	1	49.7	83.5	40	4	56.9	70.9
KALTENBERG	KW 38	56.4	39	1	50.1	84.7	41	3	57.8	70.6
KALTENBERG	KW 39	63.3 *	40	1	50.6	79.5	42	4	56.0	71.4
KALTENBERG	KW 40	60.8	42	1	49.8	81.9	44	3	58.1	71.4
JUNG	5950	61.3	39	1	50.7					
PIONEER	25R26	62.4 *	37	1	49.0	83.9	39	2	57.3	73.1 *
PIONEER	25R57	58.9	39	1	48.8	87.3 *	42	2	57.4	73.1 *
PIONEER	25R18	52.1	37	1	51.7					
STINE	455	64.1 *	39	2	50.6	79.3	41	3	56.2	71.7
STINE	488	50.2	40	1	50.9	84.2	44	1	59.0	67.2
TERRA'L'OL	SR 219	59.8	36	1	50.5					
TRELAY	EXCEL 400-1	55.8	40	1	49.4					
UAP -GREAT LAKES	DG 403	58.3	38	1	49.9					
UAP -GREAT LAKES	DG 419	51.2	40	1	50.6	81.9	43	1	59.0	66.5
UAP -GREAT LAKES	DG 426	52.7	41	1	52.4					
Mean		56.0	39	1	50.9	80.5	42	2	58.0	68.1
LSD(.10)		1.8	1	0.2	0.7	2.6	1	0.5	0.3	1.6

(1) The Janesville site suffered excess water damage that affected some of the replicates. A mixed model using water damage as a covariate was used in the data analysis.

(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.