

**Table 1. 2000 Winter Wheat Variety Trial Yield and Rank
Arlington, Janesville and Racine WI.**

Brand	Entry	Arlington		Janesville (1)		Racine		Mean	
		Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank
		bu/a		bu/a		bu/a		bu/a	
PUBLIC	KASKASKIA	60.6	22	29.5	7	74.5	31	54.8	24
PUBLIC	HOWELL	57.1	30	24.7	22	78.2	22	53.3	28
PUBLIC	GLACIER	52.1	37	18.0	38	66.3	38	45.4	37
PUBLIC	FREEDOM	58.2	28	21.6	32	77.1	27	52.3	30
PUBLIC	CARDINAL	50.4	38	28.1	11	74.4	32	50.9	33
PUBLIC - EXP	IL87-2834-1	64.1	14	21.9	30	79.4	21	55.0	23
PUBLIC - EXP	IL89-6489	60.2	24	29.3	9	77.3	26	55.5	22
PUBLIC - EXP	IL94-6734	56.0	32	28.3	10	76.0	28	53.4	27
PUBLIC - EXP	P88204RB1-2-1-6-70	63.6	16	29.5	7	81.0	17	57.9	15
PUBLIC - EXP	P92201D5-2-80	59.1	26	27.8	13	81.4	16	56.0	20
ABT/LACROSSE	HTW 9850	53.8	35	20.0	37	76.0	28	49.9	36
AGRIPRO	FOSTER	58.2	28	25.5	20	80.0	20	54.6	25
AGRIPRO	PONTIAC	62.1	20	33.9	2	74.0	33	56.6	17
DIENER	DB 494W	61.2	21	33.0	3	84.9	10	59.7	8
DIENER	DB 500W	71.3	2	25.8	19	82.1	15	59.7	8
DIENER	DB 555W	62.5	18	23.8	27	82.4	13	56.3	19
DIENER	DB 580W	53.9	34	23.9	25	70.4	36	49.4	37
DIENER	XL 007	67.7	6	24.3	23	86.4	9	59.5	10
GROWMARK	FS 527	62.2	19	26.8	16	82.4	13	57.1	16
GROWMARK	FS 539	69.2	5	34.1	1	80.9	18	61.3	4
GROWMARK	FS 569	56.9	31	21.4	35	74.0	33	50.8	34
KALTENBERG	KW 22	59.5	25	26.5	18	77.9	24	54.6	25
KALTENBERG	KW 34	69.3	4	24.2	24	84.5	12	59.3	11
KALTENBERG	KW 37	65.7	11	20.8	36	88.3	5	58.3	13
KALTENBERG	KW 38	64.8	12	23.9	25	80.5	19	56.4	18
KALTENBERG	KW 39	67.3	10	31.3	5	91.4	1	63.3	2
KALTENBERG	KW 40	67.6	9	27.9	12	86.9	6	60.8	6
JUNG	5950	64.3	13	33.0	3	86.8	7	61.3	4
PIONEER	25R26	70.5	3	27.1	15	89.9	3	62.4	3
PIONEER	25R57	64.1	14	21.6	32	91.1	2	58.9	12
PIONEER	25R18	60.3	23	26.8	16	69.1	37	52.1	31
STINE	455	71.7	1	31.3	5	89.2	4	64.1	1
STINE	488	54.7	33	21.8	31	73.7	35	50.2	35
TERRA/L'OL	SR 219	67.7	6	24.9	21	86.8	7	59.8	7
TRELAY	EXCEL 400-1	67.7	6	21.5	34	78.2	22	55.8	21
UAP -GREAT LAKES	DG 403	62.8	17	27.7	14	84.7	11	58.3	13
UAP -GREAT LAKES	DG 419	53.4	36	22.5	29	77.5	25	51.2	32
UAP -GREAT LAKES	DG 426	58.7	27	23.5	28	75.9	30	52.7	29
Mean		61.8		26.0		80.3		56.0	
LSD %		4.8		4.5		6.5		1.8	

(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.