

Table 2. Northern Illinois regional wheat variety trial results, 2011

Company	Variety	ST ¹	Regional Average				Perry		Urbana		DeKalb	
			Yield	Yield Rank	Test wt.	Height	Yield	Test wt.	Yield	Test wt.	Yield	Test wt.
			bu/ac	1 to 64	lb/bu	in.	bu/ac	lb/bu	bu/ac	lb/bu	bu/ac	lb/bu
Agrinetics	EXCEL 180	F	82.5	33	59.8	39	74.0	58.4	91.6	62.0	81.8	58.9
Agrinetics	EXCEL 442	F	78.5	50	56.6	41	66.3	54.3	81.0	58.2	88.1	57.3
Beck's Hybrids	Beck 113	S	91.5	3	58.9	37	83.6	57.4	94.3	60.8	96.5	58.6
Beck's Hybrids	Beck 126	S	88.8	10	57.7	40	74.9	56.7	99.2	59.4	92.4	57.0
Beck's Hybrids	Beck 135	S	91.2	4	57.8	38	84.7	56.7	100.6	59.8	88.4	56.7
BioTown Seeds	Diener 492W	F	83.2	28	54.2	36	70.3	51.4	92.8	56.9	86.7	54.2
BioTown Seeds	Diener 508W	F	80.3	42	56.8	42	58.7	55.1	93.5	58.5	88.7	56.9
BioTown Seeds	Diener XW 4	F	89.3	9	56.3	41	76.7	54.3	96.1	58.0	95.1	56.4
Cappel Certified Seed	EXCEL 209	N	79.4	45	57.4	39	64.5	55.7	87.7	59.7	86.1	56.9
Cappel Certified Seed	EXCEL 242	M	90.3	6	58.5	40	83.5	57.4	94.9	59.9	92.6	58.1
DeRaedt Seed	DeRaedt 11	F	83.0	30	54.4	37	73.2	51.6	92.8	57.4	83.1	54.2
Direct Enterprises	DW Exp 102	M	86.0	14	58.0	40	74.7	56.2	97.5	59.5	85.8	58.3
Direct Enterprises	Quest	M	78.6	49	55.3	38	64.4	53.8	86.9	56.4	84.6	55.6
Direct Enterprises	Sienna	M	92.8	2	56.6	41	82.0	54.8	98.4	58.4	98.0	56.5
Dyna-Gro	9031	F	78.4	52	60.0	40	67.8	59.3	86.6	61.7	80.8	58.9
Dyna-Gro	9053	F	80.7	41	54.0	37	70.2	51.6	94.9	57.5	76.9	52.9
Dyna-Gro	9911	F	73.4	61	58.2	37	62.2	56.1	72.7	60.7	85.2	57.9
Excel Brands	EXCEL 166	M	81.3	38	58.0	40	78.7	56.3	85.4	59.6	79.8	58.0
Excel Brands	EXCEL 168	M	79.7	44	60.8	40	74.9	59.9	86.9	62.8	77.3	59.7
Excel Brands	EXCEL 382	M	74.7	59	58.4	39	63.2	56.8	82.4	60.4	78.5	57.9
Green Valley Seed	Willcross 750	F	73.0	63	58.7	38	61.3	58.6	75.0	60.0	82.8	57.6
Green Valley Seed	Willcross 752	F	83.7	25	58.7	36	72.7	58.0	89.1	60.3	89.2	57.9
Green Valley Seed	Willcross EXP	F	76.2	56	58.2	37	61.0	55.8	82.2	61.2	85.3	57.5
GROWMARK	FS 610	C	83.7	24	59.3	39	75.6	57.7	90.0	61.4	85.6	58.9
GROWMARK	FS 620	C	86.0	15	59.9	38	75.7	59.5	90.4	61.1	91.9	59.0
GROWMARK	FS 622	C	85.6	18	59.1	37	73.0	58.7	95.3	60.4	88.4	58.2
GROWMARK	FS 628	C	82.3	34	57.2	42	70.2	55.7	87.2	59.2	89.5	56.6
GROWMARK	FS 630	C	83.1	29	57.3	41	76.1	55.6	85.7	59.7	87.6	56.6
Kitchen Seed Company	KSC 408W	F	80.0	43	56.7	42	64.1	54.4	84.7	57.9	91.1	57.7
Kitchen Seed Company	KSC 409W	F	79.1	48	58.9	39	68.3	57.1	84.6	60.4	84.3	59.2
Kitchen Seed Company	KSC 410W	F	73.1	62	60.2	39	59.2	59.2	82.2	62.2	78.0	59.1
Lewis Hybrids	Lewis 835	G	79.3	46	59.3	38	72.2	57.4	82.1	61.1	83.7	59.6
Lewis Hybrids	Lewis 842	G	83.4	27	58.7	39	72.1	58.8	96.9	59.8	81.3	57.5
Monier Seed	MW 846	F	81.5	37	59.1	39	71.4	56.9	87.1	61.5	86.1	58.7
Monier Seed	MW 859	F	79.2	47	56.9	41	58.6	55.1	88.8	58.3	90.3	57.2
Monier Seed	MW 865	F	74.0	60	56.8	40	62.9	55.9	75.3	57.4	83.6	57.2
MWS Seeds LLC	MWS 207	F	78.5	51	59.4	39	69.3	57.5	86.3	61.7	79.8	58.9
MWS Seeds LLC	MWS 252	F	77.0	54	59.2	40	66.0	58.5	85.2	60.6	80.0	58.5
MWS Seeds LLC	MWS 363	F	76.9	55	56.8	42	59.4	55.2	87.9	57.8	83.5	57.5
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R34	G	85.4	20	57.7	38	77.0	58.3	91.1	59.0	88.1	55.7
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R39	G	89.4	8	56.7	37	71.7	54.6	94.0	58.8	102.6	56.7
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R40	G	88.4	12	57.4	34	79.3	56.3	92.0	59.1	93.8	56.9
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R47	G	90.1	7	56.0	37	84.9	53.6	92.0	58.5	93.5	55.7
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R62	G	83.5	26	54.1	36	72.7	50.7	99.1	57.1	78.8	54.6
Pro Seed Genetics	PRO 200	M	84.3	23	58.3	41	82.1	56.1	88.4	60.2	82.4	58.6
Pro Seed Genetics	PRO 220	M	80.9	39	59.9	41	71.0	57.6	86.5	62.3	85.1	59.8
Pro Seed Genetics	PRO 240	M	82.2	35	57.8	42	68.1	58.1	91.7	58.2	86.7	57.0
Pro Seed Genetics	PRO 320A	M	86.7	13	57.7	41	77.3	57.0	90.5	58.0	92.4	58.1
Pro Seed Genetics	PRO Ex260		91.0	5	57.7	40	81.9	56.8	87.1	58.9	103.8	57.4
Pro Seed Genetics	PRO Ex360A	C	84.6	22	57.4	37	69.5	54.2	95.2	59.9	89.1	58.2
Steyer Seeds	Crestline	G	76.1	58	58.8	38	60.1	57.2	79.5	60.8	88.7	58.2
Steyer Seeds	Kidwell	G	85.5	19	54.6	35	70.3	51.9	93.8	56.7	92.5	55.1
Sunstar Hybrids	S-1200	F	85.3	21	55.1	35	77.0	54.5	92.9	56.9	86.0	53.8
Sunstar Hybrids	S-900	F	81.7	36	59.3	37	70.8	57.6	82.7	61.9	91.5	58.5
Synergy Seeds	EXCEL 341	M	73.0	64	56.3	39	57.2	54.6	81.7	57.1	80.0	57.1
Synergy Seeds	EXCEL 442	N	85.8	17	56.4	41	64.9	53.5	97.1	58.5	95.5	57.3
Syngenta	OAKES	F	83.0	31	58.9	37	72.1	56.7	86.2	61.1	90.6	59.0
Syngenta	OAKES Cruiser	C	82.6	32	59.1	38	68.5	57.0	89.1	61.1	90.2	59.1
Syngenta	SY 1526	F	77.2	53	57.5	40	68.7	56.0	88.3	58.9	74.7	57.7
Syngenta	SY 1526 Cruiser	C	88.6	11	58.0	39	75.6	56.6	95.2	60.1	95.0	57.4
Syngenta	W1104	F	85.9	16	55.7	39	75.1	54.1	95.3	57.3	87.3	55.7
Syngenta	W1104 Cruiser	C	96.0	1	56.8	37	86.5	56.4	103.6	58.2	97.7	55.7
Syngenta	W1566	F	76.2	57	55.6	41	55.4	54.1	87.1	57.1	86.0	55.6
Syngenta	W1566 Cruiser	C	80.8	40	55.2	41	62.2	53.1	91.0	57.0	89.2	55.5
	Trial Mean		82.5		57.7	39	71.1	56.2	89.4	59.5	87.1	57.4
	LSD, 10%		6.8		1.2	2	7.4	2.8	7.6	1.6	7.3	0.8
	CV, %		10.5		2.6	6	7.7	3.7	6.3	1.9	6.2	1.0

Averaged over four varieties in the Northern Region, seed treatment insecticide (Cruiser) increased yield by 6.4 bushels/acre.

¹ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gauchio+Fungicide, M= Macho+Fungicide, N= Encase+Fungicide, S= Escalate+Fungicide.