

Table 2. Northern Illinois regional wheat variety trial results, 2012

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 74	lb/bu	in.	bu/ac	lb/bu	bu/ac	lb/bu	bu/ac	lb/bu
AgriMAXX	413	C	90.3	37	59.5	35	97.5	59.0	88.1	60.0	85.2	59.4
AgriMAXX	Exp 1215	C	93.8	26	59.6	38	108.3	59.2	79.0	59.6	94.0	59.9
Agrinetics	EXCEL 180	N	86.1	49	61.0	40	99.6	61.8	62.0	59.1	84.8	62.1
Agrinetics	EXCEL 442	F	95.0	20	61.6	43	99.9	61.6	92.2	61.9	92.8	61.3
Beck's Hybrids	Beck 113	S	95.8	16	62.5	37	101.3	62.4	87.8	62.6	98.4	62.5
Beck's Hybrids	Beck 120	S	95.6	18	59.7	35	104.8	59.5	89.3	59.7	92.5	60.0
Beck's Hybrids	Beck 126	S	93.2	28	61.2	42	104.3	61.4	93.3	61.8	81.9	60.4
Beck's Hybrids	Beck 135	S	107.5	2	60.9	39	114.4	59.9	102.5	60.7	105.6	62.1
BioTown Seeds	Diener 492W	F	90.4	36	59.6	35	98.8	59.5	85.8	59.5	86.7	59.8
BioTown Seeds	Diener 506	F	93.3	27	59.6	39	101.1	58.8	82.9	59.7	95.9	60.3
Cappel Certified Seed	EXCEL 242	N	84.8	54	60.7	39	95.0	61.2	81.6	61.0	77.8	59.9
Cappel Certified Seed	EXCEL 350	N	87.9	43	61.0	39	99.2	60.5	80.2	61.4	84.3	61.1
DeRaedt Seed	DeRaedt 11	C	96.1	14	59.5	34	107.6	59.6	90.3	59.4	90.3	59.4
DeRaedt Seed	DeRaedt 15	C	85.1	52	60.8	40	90.8	61.3	77.7	60.9	86.8	60.4
Direct Enterprises	Edge	M	80.0	64	61.3	40	93.6	61.5	75.0	61.3	71.3	61.0
Direct Enterprises	Quest	M	85.8	50	60.0	38	98.1	60.8	73.0	59.6	86.3	59.6
Direct Enterprises	Sienna	M	92.6	30	61.2	42	106.6	61.5	86.5	61.6	84.7	60.6
Dyna-Gro	9171	G	96.0	15	59.9	36	105.9	59.8	90.4	59.9	91.8	60.0
Dyna-Gro	9223	G	97.6	11	60.5	40	107.3	60.2	92.9	60.7	92.5	60.6
Excel Brands	EXCEL 161	C	77.8	69	61.5	38	88.7	62.5	*	*	73.1	60.5
Excel Brands	EXCEL 163	N	83.6	56	61.9	39	96.6	62.0	*	*	76.9	61.8
Excel Brands	EXCEL 166	N	79.2	66	61.8	40	90.1	61.8	68.9	62.1	78.8	61.5
Excel Brands	EXCEL 168	C	82.9	58	62.1	41	92.1	62.5	65.2	61.8	86.2	62.0
Excel Brands	EXCEL 337	N	77.9	68	61.5	36	85.3	62.0	72.7	61.2	75.7	61.3
Excel Brands	EXCEL 362	N	94.7	22	61.4	38	106.6	61.8	88.7	61.7	88.8	60.8
Green Valley Seed	GV 622	C	81.0	60	61.5	38	90.5	61.9	63.4	60.5	89.2	62.0
Green Valley Seed	GV 662	C	86.3	48	62.1	37	94.4	62.1	79.9	62.1	84.6	62.0
GROWMARK	FS 602	C	93.8	25	59.8	35	103.4	59.8	88.3	60.0	89.7	59.7
GROWMARK	FS 610	C	80.1	63	61.5	39	97.2	62.5	61.0	62.2	72.2	59.8
GROWMARK	FS 622	C	91.1	34	62.2	37	95.3	62.4	85.5	62.1	92.3	62.1
GROWMARK	FS 625	C	90.4	35	59.4	38	102.2	58.4	84.0	59.4	85.1	60.4
GROWMARK	FS 630	C	85.5	51	61.2	42	94.5	61.2	83.9	61.4	78.2	60.9
Kitchen Seed Company	KSC 408W	F	90.2	38	61.4	42	99.2	62.0	86.7	61.3	84.7	61.1
Kitchen Seed Company	KSC 409W	F	76.6	73	62.1	40	93.9	62.7	56.4	62.4	73.6	61.2
Kitchen Seed Company	KSC 410W	F	77.3	71	61.3	39	88.1	61.9	81.2	62.5	62.5	59.6
Lewis Hybrids	Lewis 829		95.5	19	61.1	42	103.9	61.2	93.4	61.4	89.3	60.6
Lewis Hybrids	Lewis 842		76.8	72	60.2	40	89.5	61.5	69.2	60.9	71.7	58.3
Merschman	Barbie VIII	G	100.4	5	60.7	35	108.2	60.6	96.5	61.0	96.7	60.4
Merschman	Bintee VIII	G	89.3	39	60.6	40	104.2	61.2	60.7	60.9	86.8	59.7
Merschman	Genie X	G	93.9	24	62.4	37	98.6	62.5	89.8	62.4	93.4	62.4
Merschman	Julie VII	C	78.5	67	62.4	41	84.7	62.3	77.7	63.0	73.0	61.9
Merschman	Katie XI	G	87.8	44	61.4	40	97.9	61.9	87.4	62.2	78.1	60.1
Merschman	Millie III	C	79.3	65	61.9	38	92.6	61.7	*	*	72.3	61.9
Monier Seed	MW 844	C	82.7	59	62.7	41	89.9	62.9	75.6	62.5	82.6	62.5
Monier Seed	MW 859	C	94.8	21	61.7	43	99.3	61.8	95.2	62.0	89.8	61.2
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R34	G	98.5	9	60.3	38	102.8	60.0	96.5	60.8	96.1	60.2
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R39	G	99.0	8	61.7	39	110.4	61.9	92.5	61.6	94.1	61.6
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R40	G	102.9	4	61.7	35	113.2	61.5	93.1	61.8	102.5	61.7
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R47	G	99.0	7	59.7	38	106.7	59.1	93.8	59.8	96.6	60.1
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R62	G	107.7	1	59.7	37	113.9	59.4	105.5	59.7	103.9	59.9
Pro Harvest	207	C	77.8	70	61.6	39	90.6	62.4	*	*	71.3	60.8
Pro Harvest	311	C	92.7	29	59.5	37	103.1	58.7	84.0	59.6	91.0	60.2
Pro Seed Genetics	PRO 200		89.2	40	62.6	41	103.5	62.5	84.0	63.0	80.2	62.1
Pro Seed Genetics	PRO 240		91.3	32	61.2	42	101.1	61.5	84.3	61.0	88.4	61.0
Pro Seed Genetics	PRO 260		86.7	45	60.7	38	101.6	60.5	67.9	60.4	90.5	61.1
Pro Seed Genetics	PRO 320A		98.0	10	61.6	43	103.4	61.5	95.1	61.9	95.6	61.4
Steyer Seeds	Heilman	F	92.0	31	61.3	42	106.0	61.6	84.2	61.7	85.8	60.7
Steyer Seeds	Kidwell	F	96.4	13	59.9	36	105.9	59.8	90.5	60.0	92.8	60.0
Sunstar Hybrids	S-1000	F	84.1	55	61.5	41	96.5	61.7	80.2	61.2	75.6	61.5
Sunstar Hybrids	S-1100	F	95.8	17	58.9	38	113.3	57.8	86.2	59.1	87.8	59.8
Sunstar Hybrids	S-1200	F	94.6	23	59.5	35	112.8	59.4	89.4	59.4	81.5	59.8
Sunstar Hybrids	S-950	F	86.6	46	60.8	40	95.9	61.3	83.5	61.1	80.3	59.9
Synergy Seeds	EXCEL 234	N	81.0	61	61.6	41	92.2	61.8	80.3	62.3	70.4	60.6
Synergy Seeds	EXCEL 442	N	91.1	33	61.3	42	97.4	61.3	91.1	61.5	85.0	61.1
Syngenta	SY 483	C	97.4	12	60.0	39	110.7	58.9	86.8	60.2	94.9	61.0
Syngenta	OAKES	F	83.1	57	62.5	38	92.0	62.4	64.4	62.8	93.0	62.4
Syngenta	OAKES Cruiser	C	84.9	53	62.6	38	100.4	62.8	71.3	62.6	83.2	62.5
Syngenta	SY 1526	F	76.1	74	60.6	42	86.0	60.2	75.6	61.3	66.8	60.3
Syngenta	SY 1526 Cruiser	C	80.7	62	60.9	40	89.1	60.7	78.0	61.4	75.0	60.6
Syngenta	W1104	F	99.5	6	60.7	38	107.5	60.7	94.3	60.5	96.7	60.8
Syngenta	W1104 Cruiser	C	104.5	3	60.4	38	111.8	60.3	102.2	60.7	99.4	60.2
Syngenta	W1377	F	86.4	47	63.1	41	93.3	63.2	84.2	63.2	81.8	62.9
Syngenta	W1377 Cruiser	C	89.0	42	62.8	41	96.1	62.8	81.1	62.7	89.7	63.0
Westbred	WB-700	F	89.2	41	60.5	40	98.0	59.9	88.0	61.0	81.6	60.7
	Trial Mean		89.4		61.2	39	99.7	61.2	83.1	61.3	85.3	61.0
	LSD, 10%		5.5		0.6	1	7.8	0.6	6.6	0.6	8.5	1.2
	CV, %		8.0		1.3	5	5.8	0.7	5.8	0.8	7.4	1.5

Averaged over four varieties in the Northern Region, seed treatment insecticide (Cruiser) increased yield by 3.5 bushels/acre.

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