

Table 2. Northern Illinois regional wheat variety trial results, 2010

Company	Variety	ST ¹	Regional Average			Perry			Urbana		
			Yield bu/ac	Yield Rank 1 to 64	Test wt. lb/bu	Yield bu/ac	Test wt. lb/bu	Height in.	Yield bu/ac	Test wt. lb/bu	Height in.
AgriPro/Syngenta	EXCEL 163	M	76.8	57	56.3	67.5	56.0	38	86.0	56.6	39
AgriPro/Syngenta	EXCEL 180	M	86.1	25	58.1	81.0	58.1	40	91.2	58.0	40
AgriPro/Syngenta	EXCEL 234	M	91.9	4	57.5	85.6	57.1	36	98.2	57.9	38
AgriPro/Syngenta	EXCEL 442	F	93.5	1	55.4	94.1	55.6	45	92.9	55.1	45
AgriPro/Syngenta	BRANSON	C	85.1	32	54.3	77.5	53.9	37	92.7	54.6	36
AgriPro/Syngenta	W1104	C	90.9	7	53.3	87.4	52.9	37	94.3	53.8	35
AgriPro/Syngenta	W1377	C	82.6	45	57.4	79.8	57.9	40	85.4	57.0	40
AgriPro/Syngenta	W1566	C	68.3	63	51.0	59.7	50.0	42	76.8	51.9	41
Beck's Hybrids	Beck 113	S	84.6	34	55.2	71.8	54.6	35	97.3	55.7	36
Beck's Hybrids	Beck 122	S	84.6	35	53.7	82.3	53.8	41	86.8	53.7	42
Beck's Hybrids	Beck 135	S	90.4	8	55.9	84.2	55.9	38	96.6	55.8	37
BioTown Seeds	Diener 502W	C	85.2	31	54.2	81.0	54.4	42	89.3	54.0	41
BioTown Seeds	Diener XW 91	C	91.2	5	53.1	80.4	52.6	34	102.0	53.6	34
BioTown Seeds	Diener XW 92	C	87.8	16	55.3	83.0	54.9	43	92.6	55.6	42
DeRaedt Seed	DeRaedt 10	M	87.7	17	58.0	83.6	58.1	38	91.8	57.8	38
DeRaedt Seed	DeRaedt 14	C	82.7	44	54.0	74.6	53.4	38	90.7	54.6	39
Direct Enterprises	DW Exp 106	M	87.4	20	53.9	84.2	53.6	41	90.6	54.1	41
Direct Enterprises	DW Exp 109	M	83.0	42	52.5	78.4	52.5	38	87.7	52.4	38
Dyna-Gro	9922	C	79.6	54	54.9	71.7	54.7	38	87.5	55.1	37
Dyna-Gro	9031	C	89.0	13	58.0	86.6	58.3	38	91.3	57.7	39
Dyna-Gro	9053	C	86.7	24	51.6	76.1	51.0	36	97.2	52.2	36
Dyna-Gro	9042	C	74.1	60	53.5	60.2	53.1	35	87.9	54.0	37
Excel Brands	EXCEL 170	M	70.9	61	54.6	55.8	54.4	35	86.0	54.8	39
Excel Brands	EXCEL 209	N	85.5	27	56.0	82.2	56.2	37	88.9	55.7	39
Excel Brands	EXCEL 242	M	86.9	23	55.1	82.3	55.2	39	91.4	55.1	39
Excel Brands	EXCEL 302	M	81.9	47	53.8	68.0	53.1	36	95.8	54.6	35
Excel Brands	EXCEL 357	M	83.2	40	56.3	79.1	56.0	39	87.4	56.7	40
GROWMARK	FS 610	C	88.2	14	57.7	82.0	57.8	39	94.4	57.5	40
GROWMARK	FS 620	C	89.8	12	57.6	83.1	57.2	38	96.6	57.9	39
GROWMARK	FS 628	C	81.6	50	53.8	72.6	53.6	39	90.7	54.0	41
GROWMARK	FS 630	C	85.4	30	54.4	76.8	53.7	42	93.9	55.1	42
Hoffman Seed House	EXCEL 242	N	80.6	51	54.9	73.5	54.9	38	87.6	54.8	39
Horizon Genetics	H 755W	G	85.4	29	55.6	73.4	54.9	34	97.5	56.4	34
Kaltenberg Seeds	KW62	F	82.9	43	54.0	77.4	54.0	42	88.4	54.0	41
Kaltenberg Seeds	KW63	F	79.5	55	54.3	69.3	54.3	37	89.7	54.3	36
Kaltenberg Seeds	KW70	F	68.3	64	54.8	54.8	53.7	35	81.8	56.0	37
Kaltenberg Seeds	KW74	F	86.9	22	57.7	79.0	57.5	36	94.7	57.8	40
Kitchen Seed Company	KSC 409W	M	87.0	21	57.9	80.7	57.8	38	93.3	57.9	40
Kitchen Seed Company	KSC 410W	M	92.7	2	57.5	86.3	57.4	39	99.2	57.6	39
Lewis Hybrids	Lewis 830	G	80.1	53	53.6	78.2	54.1	41	82.0	53.2	41
Lewis Hybrids	Lewis 835	G	85.5	26	58.1	81.6	58.5	40	89.4	57.7	39
MWS Seeds LLC	MWS 207	F	87.9	15	58.1	83.7	58.1	39	92.1	58.1	39
MWS Seeds LLC	MWS 420	F	87.6	19	55.3	83.2	55.0	42	92.0	55.7	42
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R39	F	76.2	58	53.1	63.0	52.1	37	89.3	54.1	39
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R47	F	91.1	6	53.7	83.0	53.1	35	99.2	54.3	36
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R56	F	83.4	39	53.9	72.8	53.8	35	94.0	53.9	35
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R62	F	84.0	37	51.0	76.4	50.7	35	91.5	51.3	35
Pro Seed Genetics	PRO 200	G	84.8	33	56.5	77.3	56.1	38	92.3	56.9	40
Pro Seed Genetics	PRO 220	G	90.3	10	58.5	86.1	58.7	42	94.4	58.3	44
Pro Seed Genetics	PRO 240	G	83.2	41	54.0	77.7	54.1	42	88.8	53.9	42
Pro Seed Genetics	PRO EX320A	G	92.3	3	55.4	91.0	55.0	42	93.5	55.8	43
Sunstar Hybrids	S-1200	F	90.3	11	52.9	81.2	52.7	34	99.3	53.2	35
Sunstar Hybrids	S-2100	F	81.6	48	54.2	71.8	54.5	37	91.5	54.0	37
Synergy Seeds	EXCEL 341	M	85.5	28	54.2	77.1	53.3	40	93.8	55.2	41
Synergy Seeds	EXCEL 399	M	83.8	38	54.1	72.7	53.4	43	94.9	54.9	40
Synergy Seeds	EXCEL 442	M	90.3	9	55.6	89.3	55.6	42	91.3	55.5	43
Virginia Tech	Jamestown	F	69.5	62	55.3	60.0	55.3	33	79.1	55.3	37
Virginia Tech	Merl	F	74.3	59	55.6	68.4	55.6	35	80.2	55.6	34
Walter Seed	Walter 09	F	80.2	52	53.8	71.4	53.8	40	88.9	53.8	41
Wilken Seed Grains	Wilken W 103	C	81.6	49	53.6	77.6	53.6	42	85.7	53.5	40
Wilken Seed Grains	Wilken W 108	C	82.3	46	56.1	76.2	56.2	37	88.5	56.0	37
Wilken Seed Grains	Wilken W 130	C	78.7	56	56.0	71.7	55.8	38	85.8	56.2	37
Wilken Seed Grains	Wilken W 140	F	87.6	18	58.1	81.1	58.1	39	94.1	58.2	42
Wilken Seed Grains	Wilken W 161	C	84.2	36	55.1	80.4	54.7	42	88.0	55.4	44
	Trial Mean		84.0		55.2	77.0	55.0	38	90.9	55.4	39
	LSD, 10%		7.9		0.1	5.4	0.8	2	4.0	0.7	2
	CV, %		9.8		1.6	5.2	1.1	4	3.2	0.9	4

Averaged over two varieties in the Northern Region, seed treatment insecticide (Cruiser) decreased yield by .30 bushels/acre.

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