

2012 BETTER VARIETIES Performance Summary for Minnesota South Central [MNSC]
EARLY SEASON TEST 1.5 - 1.8 Maturity Group
TOP 30 for YIELD of 42 TESTED
AVERAGE of (9) REPLICATIONS

Company/Brand	Product/Brand†	Technol. †	Mat.	SCN Resist.	Seed Trmt. †	Yield Bu/A	Protein %	Oil %	Moist. %	Lodging %	Gross Income \$/A	Madison Lake	Nicollet	Tracy	Wabasso	
Trelay	15RR51	RR2Y	1.5	R	Ac,Ex	56.8	34.6	19.1	8.3	0	852	53.7		53.2	63.5	
Jung	1170RR2	RR2Y	1.7	R	Ac,O	55.2	34.7	18.7	8.4	0	828	56.8		50.0	58.8	
Renk	RS172NR2	RR2Y	1.7	R	None	54.1	34.9	19.5	8.4	0	812	53.0		56.9	52.4	
Anderson	184R2Y	RR2Y	1.8	R	None	53.8	34.2	19.2	8.1	0	807	51.8		59.8	49.9	
Anderson	163R2Y	RR2Y	1.6	R	None	52.9	33.8	19.4	7.8	0	794	52.1		56.1	50.4	
Wensman	W 3160NR2	RR2Y	1.6	R	Ac	52.9	34.6	19.5	7.9	0	794	50.2		55.2	53.3	
Viking	1522R2N	RR2Y	1.5	R	None	52.4	34.6	19.5	7.8	0	786	47.7		55.3	54.3	
Stine	16RA02 §	RR2Y	1.6	R	None	52.4	34.7	19.7	7.9	0	786	57.7		52.4	47.1	
Dairyland	DSR-1710R2Y	RR2Y	1.7	R	CMB	52.3	34.8	18.5	7.7	0	785	50.8		54.3	51.9	
Hefty	H18Y12	RR2Y	1.8	MR	I	51.9	33.9	19.3	8.0	0	779	53.1	Site Lost to Severe Hail Damage	52.7	49.9	
Renk	RS183NR2	RR2Y	1.8	R	None	51.7	34.5	18.8	7.8	0	776	48.6			57.3	49.3
NK Brand	S17-G8 §	RR2Y	1.7	R	CMB	51.4	34.3	19.1	7.8	0	771	51.4			54.2	48.7
Hefty	H16Y11	RR2Y	1.6	MR	I	51.3	34.9	18.9	7.8	0	770	53.3			51.0	49.6
Viking	1707R2N	RR2Y	1.7	R	Ac	51.3	34.9	18.6	7.8	0	770	47.0			56.6	50.4
NK Brand	S18-C2 §	RR2Y	1.8	R	CMB	51.3	34.3	19.1	8.0	0	770	49.9			53.5	50.5
Kruger	K2-1402	RR2Y	1.5	R	Ac,PV	51.3	34.9	19.0	8.0	0	770	51.3			50.1	52.6
Prairie Brand	PB-1743R2	RR2Y	1.7	R	CMB	51.0	34.8	18.7	8.4	0	765	46.1			51.1	55.7
LG Seeds	C1780R2	RR2Y	1.7	R	Ac	50.8	34.7	19.0	7.7	0	762	51.6			52.5	48.4
Prairie Brand	PB-1566R2	RR2Y	1.5	R	CMB	50.8	34.5	19.4	7.9	0	762	46.3			51.7	54.3
Gold Country	1741	RR2Y	1.7	R	Ac	50.7	34.5	19.1	7.8	0	761	47.2			53.2	51.6
Dyna-Gro	S15RY53	RR2Y	1.5	R	Ac	50.5	34.3	19.8	7.8	0	758	41.8			57.2	52.5
Titan Pro	18M10	RR2Y	1.8	R	CMB	50.5	34.6	19.5	8.0	0	758	51.5			54.4	45.5
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CMB	50.4	34.8	19.3	7.9	0	756	50.7			52.7	47.9
Kruger	K2-1602	RR2Y	1.6	R	Ac,PV	50.4	35.1	18.7	7.9	0	756	52.0			48.2	51.1
Asgrow	AG1832 §	RR2Y	1.8	MR	Ac,PV	50.1	35.5	19.1	7.9	0	752	51.1		53.0	46.2	
NorthStar	NS 1726NR2	RR2Y	1.7	R	Ac	49.7	34.9	18.7	7.9	0	746	43.7		54.5	50.9	
Dairyland	DSR-1808R2Y	RR2Y	1.8	R	CMB	49.2	34.7	18.9	7.8	0	738	52.9		48.4	46.4	
Anderson	153R2Y	RR2Y	1.5	R	None	49.1	34.6	19.6	7.9	0	737	44.2		55.3	47.8	
Latham	L1886R2	RR2Y	1.8	R	SS+	49.0	34.8	18.6	7.8	0	735	46.0		52.7	48.3	
Hefty	H17Y12	RR2Y	1.7	MR	I	49.0	34.8	19.4	7.9	0	735	48.1		52.1	46.9	
Anderson	162R2Y CK	RR2Y	1.6	R	None	52.7	35.1	18.8	8.0	0	791	51.9		54.1	52.2	
Site Averages =						49.9	34.7	19.0	7.9	0	748	48.6		51.9	49.1	
LSD (0.10) =						4.9	0.6	0.4	ns	ns		5.9		4.7	7.1	


 F.I.R.S.T. Manager

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 \$0.020 Price (\$/bu) = \$15.00

† See last page for Product/Brand, Technology and Seed Treatment information.

 → Identifies the check brand included in early- and full-season tests. Results in **bold** are significantly above test average.

GC = grower comparison product; § = United Soybean Board entry; ‡ = 2 replications; # = rejected results, not in summary; ns = not significantly different.

 Complete list of brands tested & searchable database available at www.firstseedtests.com

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Report Date: 10/3/2012 Revised: 12/20/2012 Protein and oil content results added

2012 BETTER VARIETIES Performance Summary for Minnesota South Central [MNSC]
FULL SEASON TEST 1.9 - 2.2 Maturity Group
TOP 30 for YIELD of 54 TESTED
AVERAGE of (9) REPLICATIONS

Company/Brand	Product/Brand†	Technol. †	Mat.	SCN Resist.	Seed Trmt. †	Yield Bu/A	Protein %	Oil %	Moist. %	Lodging %	Gross		Tracy	Wabasso	
											Income \$/A	Madison Lake			
Kruger	K2-1901	RR2Y	1.9	R	Ac,PV	57.2	34.5	19.0	7.9	0	858	58.1	58.7	54.7	
Titan Pro	20M1	RR2Y	2.0	R	Am	55.2	34.4	19.1	7.9	0	828	53.4	55.1	57.0	
Latham	L1985R2	RR2Y	1.9	R	CMB	54.9	34.2	19.1	7.8	0	824	53.9	58.1	52.7	
Viking	2000R2N	RR2Y	2.0	R	Ac	54.5	34.2	19.1	8.0	0	818	55.9	54.1	53.6	
Latham	L2253R2	RR2Y	2.2	S	CMB	54.4	35.8	18.1	8.1	0	816	52.2	58.6	52.5	
Prairie Brand	PB-2366R2	RR2Y	2.2	R	CMB	54.3	34.8	18.9	7.9	0	815	52.9	57.6	52.5	
NorthStar	NS 1916NR2	RR2Y	1.9	R	Ac	54.0	34.0	19.2	7.8	0	810	57.2	57.9	47.0	
Prairie Brand	PB-2230R2	RR2Y	2.2	S	CMB	53.2	35.5	18.2	8.4	0	798	51.4	56.1	52.1	
Trelay	21RR37	RR2Y	2.1	MR	Ac,Ex	52.9	34.6	19.0	8.3	0	794	50.1	58.3	50.2	
Hefty	H21R3	RR2Y	2.1	S	I	52.6	35.6	18.0	8.2	0	789	53.0	55.0	49.8	
Wensman	W 3222NR2	RR2Y	2.2	R	Ac	51.9	35.2	18.6	8.0	0	779	50.4	56.1	49.3	
Mustang	M-20823	RR2Y	2.0	R	Ac	51.2	34.7	18.6	7.9	0	768	52.8	53.7	47.2	
Latham	L2183R2	RR2Y	2.1	R	CMB	51.1	34.4	19.1	8.3	0	767	50.9	55.6	46.7	
Latham	L2086R2	RR2Y	2.0	R	SS+	50.7	34.8	18.6	7.9	0	761	45.6	55.6	50.8	
Channel	1901R2	RR2Y	1.9	R	Ac,PV	50.6	35.7	18.7	7.9	0	759	50.9	56.1	44.9	
Prairie Brand	PB-2143R2	RR2Y	2.0	R	CMB	50.3	35.2	18.6	8.1	0	755	52.1	58.9	40.0	
Trelay	19RR59	RR2Y	1.9	R	Ac,Ex	50.1	35.4	19.1	8.0	0	752	53.2	51.6	45.5	
Viking	1908CNRR	RR	1.9	R	None	50.0	34.6	19.3	8.1	0	750	44.3	52.4	53.2	
Latham	L2148R2	RR2Y	2.1	R	CMB	49.7	35.3	18.6	8.4	0	746	52.6	57.8	38.8	
Kruger	K2-2102	RR2Y	2.1	R	Ac,PV	49.6	35.6	18.1	8.0	0	744	45.2	51.3	52.4	
Dyna-Gro	31RY20	RR2Y	2.0	R	Ac	49.5	35.0	19.0	8.0	0	743	42.4	56.3	49.7	
Channel	2200R2	RR2Y	2.2	R	Ac,PV	49.5	34.7	19.0	8.2	0	743	51.7	53.1	43.8	
LG Seeds	C2050R2	RR2Y	2.1	R	Ac	49.3	36.6	18.4	7.9	0	740	45.5	50.5	51.8	
Kruger	K2-2002	RR2Y	2.0	R	Ac,PV	49.2	35.0	18.9	8.7	0	738	47.9	53.2	46.4	
LG Seeds	C1917R2	RR2Y	1.9	R	Ac	49.1	35.0	19.4	7.9	0	737	48.2	54.4	44.8	
Wensman	W 3190NR2	RR2Y	1.9	R	Ac	49.0	35.9	18.7	7.9	0	735	45.9	54.8	46.3	
Wensman	W 3200NR2	RR2Y	2.0	R	Ac	48.9	35.2	19.1	8.0	0	734	44.7	54.7	47.4	
Hefty	H20R3	RR2Y	2.0	MR	I	48.9	34.9	19.4	8.2	0	734	47.3	52.2	47.1	
Prairie Brand	PB-2042R2	RR2Y	2.0	R	CMB	48.8	35.1	19.1	8.0	0	732	44.7	52.9	48.7	
Titan Pro	19M42	RR2Y	1.9	R	CMB	48.7	35.3	18.5	8.0	0	731	43.4	54.5	48.1	
Anderson	162R2Y CK	RR2Y	1.6	R	None	51.3	35.1	18.7	7.9	0	770	49.6	52.9	51.5	
						Site Averages =	49.3	35.1	18.8	8.1	0	739	47.4	53.9	46.4
						LSD (0.10) =	4.9	0.6	0.5	0.3	ns	7.4	4.8	6.2	

Site Lost to Severe Hail Damage


 F.I.R.S.T. Manager

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 \$0.020 Price (\$/bu) = \$15.00

† See last page for Product/Brand, Technology and Seed Treatment information.

 → Identifies the check brand included in early- and full-season tests. Results in **bold** are significantly above test average.

GC = grower comparison product; § = United Soybean Board entry; ‡ = 2 replications; # = rejected results, not in summary; ns = not significantly different.

 Complete list of brands tested & searchable database available at www.firstseedtests.com

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Report Date: 10/3/2012 Revised: 12/20/2012 Protein and oil content results added



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^ G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMmaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMmaxx® and XL® are registered trademarks of DuPont Pioneer.

Technologies

3111	Agrisure® Viptera™ 3111	GT	Agrisure® GT	STS	STS® - sulfonylurea tolerant soybeans
3122	Agrisure® 3122	GT/CB/LL	Agrisure® GT/CB/LL	STX	SmartStax®
4011	Agrisure® 4011	HX	HERCULEX® I Insect Protection	STX-R	SmartStax® Refuge Corn Blend
3000GT	Agrisure® 3000GT	HXT	HERCULEX® XTRA Insect Protection	VT2P	Genuity® VT Double PRO®
AM1	Optimum® AcreMax® 1	LL	LibertyLink®	VT2P-R	Genuity® VT Double PRO® RIB Corn Blend
AMX	Optimum® AcreMax® Xtra	OI	Optimum® Intrasect™	VT3	YieldGard VT Triple®
CB/LL	Agrisure® CB/LL	RR	Roundup Ready® Soybeans	VT3P	Genuity® VT Triple PRO®
CB/LL/RW	Agrisure® CB/LL/RW	RR2	Roundup Ready® Corn 2	VT3P-R	Genuity® VT Triple PRO® RIB Corn Blend
Conv	Conventional, non-GMO	RR2Y	Genuity® Roundup Ready 2 Yield®		

Seed Treatments

A	Allegiance®	G	Gaucho®	S	Stamina®
Ac	Acceleron® Products	I	Inovate™ System	SDPI	Servo™ DPI
Am	ApronMaxx®	Mq	Maxim® Quattro	SS+	SoyShield™ Plus
Ap	Apron XL®	Mx	Maxim® XL	SStd	SureStand™
Avc	Avicta® Complete Corn	None	untreated	T	Trilex®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed	O	Optimize®	T2	Trilex® 2000
Ce	Cruiser® Extreme	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed	T6	Trilex® 6000
CMB	CruiserMaxx® Beans	Pr	Protinus™	Th	thiabendazole
D	Dynasty®	R	Raxil®	V	VOTIVO®
Es	Escalate®	Rc	Rancona®	Z	zinc
Ex	Excalibre™				

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