

2012 BETTER VARIETIES Performance Summary for Minnesota South [MNSO]
EARLY SEASON TEST 1.6 - 2.0 Maturity Group

 TOP 30 for **YIELD** of **48** TESTED
 AVERAGE of (12) REPLICATIONS

Company/Brand	Product/Brand†	Technol. †	Mat.	SCN Resist.	Seed Trmt. †	Yield Bu/A	Protein %	Oil %	Moist. %	Lodging %	Gross Income \$/A	Easton	Jeffers	Kasson	New Richland
SOI	2013NRR2Y	RR2Y	2.0	R	None	60.0	33.9	19.3	7.8	0	900	57.8	52.4	64.4	65.2
Titan Pro	20M1	RR2Y	2.0	R	Am	58.4	33.5	19.7	7.8	0	876	53.9	49.2	65.3	65.1
Kruger	K2-1901	RR2Y	1.9	R	Ac,PV	56.8	33.9	19.2	7.8	0	852	51.7	52.5	59.8	63.2
NK Brand	S18-C2 §	RR2Y	1.8	R	CMB	56.5	34.1	19.3	7.8	0	848	56.9	47.3	61.2	60.5
Latham	L1985R2	RR2Y	1.9	R	CMB	56.4	33.5	19.4	7.7	0	846	55.4	52.8	57.2	60.3
Renk	RS172NR2	RR2Y	1.7	R	None	56.3	34.5	19.4	7.8	0	845	55.0	46.8	59.6	63.8
Latham	L2086R2	RR2Y	2.0	R	SS+	55.6	34.4	18.7	7.7	0	834	58.5	50.4	55.6	58.0
Hefty	H20R3	RR2Y	2.0	MR	I	55.3	34.8	19.4	8.0	0	830	53.0	42.4	64.1	61.7
Prairie Brand	PB-2042R2	RR2Y	2.0	R	CMB	55.2	34.7	19.5	7.9	0	828	50.3	46.0	62.4	62.0
Mustang	M-20823	RR2Y	2.0	R	Ac	55.0	34.3	18.9	7.8	0	825	54.3	47.5	56.1	62.1
Jung	1201RR2	RR2Y	2.0	R	Ac,O	54.6	34.9	19.2	7.8	0	819	52.7	44.0	61.8	59.8
Renk	RS183NR2	RR2Y	1.8	R	None	54.4	34.0	19.0	7.7	0	816	57.1	47.0	55.4	58.0
Wensman	W 3190NR2	RR2Y	1.9	R	Ac	54.2	35.8	18.7	7.8	0	813	49.5	45.6	59.6	62.2
Mustang	M-19723	RR2Y	1.9	R	Ac	53.7	35.3	18.5	7.8	0	806	50.0	44.8	60.5	59.4
Trelay	20RR43	RR2Y	2.0	R	Ac,Ex	53.5	34.8	18.4	7.8	0	803	50.8	43.0	61.0	59.1
Kruger	K2-1602	RR2Y	1.6	R	Ac,PV	53.4	35.0	18.8	7.8	0	801	52.1	42.4	57.8	61.1
Dairyland	DSR-1808R2Y	RR2Y	1.8	R	CMB	53.3	34.2	18.8	7.7	0	800	51.0	47.4	52.9	61.7
Pfister	17R27	RR2Y	1.7	R	CMB	53.2	35.2	18.2	7.8	0	798	53.9	44.3	55.1	59.4
Anderson	162R2Y	RR2Y	1.6	R	None	53.1	34.8	18.7	7.8	0	797	50.3	47.2	57.7	57.3
Trelay	19RR59	RR2Y	1.9	R	Ac,Ex	53.1	35.0	19.2	8.0	0	797	51.4	44.9	57.8	58.2
Gold Country	1741	RR2Y	1.7	R	Ac	52.9	35.0	18.6	7.8	0	794	48.8	45.6	58.9	58.2
Prairie Brand	PB-1823R2	RR2Y	1.8	R	None	52.9	35.2	18.6	7.9	0	794	49.7	43.2	57.6	61.2
Viking	1984R2N	RR2Y	1.9	R	None	52.6	35.1	18.5	7.8	0	789	50.7	43.3	61.3	54.9
Wensman	W 3200NR2	RR2Y	2.0	R	Ac	52.6	34.8	19.4	7.8	0	789	48.5	46.9	58.5	56.5
Hefty	H16Y11	RR2Y	1.6	MR	I	52.6	35.0	18.8	7.9	0	789	50.7	43.4	56.3	60.1
Jung	1170RR2	RR2Y	1.7	R	Ac,O	52.6	35.0	18.6	7.9	0	789	50.0	44.9	55.9	59.6
Latham	L2084R2	RR2Y	2.0	R	CMB	52.6	34.8	19.3	8.0	0	789	48.1	41.8	62.2	58.2
Pfister	19R23	RR2Y	1.9	R	CMB	52.5	35.0	19.5	8.0	0	788	46.2	42.4	59.5	61.7
Asgrow	AG2031 §	RR2Y	2.0	R	Ac,PV	52.3	34.8	19.5	8.0	0	785	48.8	42.8	58.4	59.3
LG Seeds	C1917R2	RR2Y	1.9	R	Ac	52.3	35.1	19.2	8.0	0	785	46.3	44.0	60.6	58.1
→ Viking	2000R2N CK	RR2Y	2.0	R	Ac	58.7	33.4	19.5	7.7	0	881	56.5	52.6	59.4	66.4
Site Averages =						53.0	34.7	18.9	7.8	0	795	50.3	44.9	57.9	58.8
LSD (0.10) =						3.3	0.5	0.4	0.2	ns		6.1	2.9	5.0	5.4


 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 [MNSO]
FULL SEASON TEST 2.1 - 2.3 Maturity Group

TOP 30 for **YIELD** of 54 TESTED
AVERAGE of (12) REPLICATIONS

Company/Brand	Product/Brand†	Technol. †	Mat.	SCN Resist.	Seed Trmt. †	Yield Bu/A	Protein %	Oil %	Moist. %	Lodging %	Gross				
											Income \$/A	Easton	Jeffers	Kasson	
Hefty	H21R3	RR2Y	2.1	S	I	61.7	34.5	18.4	8.1	0	926	60.0	51.9	60.0	74.9
Prairie Brand	PB-2230R2	RR2Y	2.2	S	CMB	60.7	34.6	18.6	8.0	0	911	56.3	48.1	63.3	75.2
Latham	L2253R2	RR2Y	2.2	S	CMB	60.1	34.1	18.8	8.0	0	902	57.4	49.3	60.3	73.2
Kruger	K2-2301	RR2Y	2.3	S	Ac,PV	60.0	34.3	18.9	8.4	0	900	54.5	51.3	60.5	73.5
Titan Pro	23M9	RR2Y	2.3	S	CMB	60.0	34.5	18.9	8.5	0	900	51.4	49.7	61.9	77.0
Viking	2300R2	RR2Y	2.3	S	Ac	58.9	34.1	19.0	8.3	0	884	53.6	49.1	60.2	72.7
Stine	24RB00 §	RR2Y	2.4	MR	CMB	58.7	32.8	19.9	7.8	0	881	55.8	51.8	58.9	68.4
Hefty	H23Y10	RR2Y	2.3	S	I	57.9	33.9	19.0	8.2	0	869	49.6	49.8	59.2	73.1
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CMB	57.7	34.3	18.8	8.9	0	866	55.3	50.6	53.6	71.4
Renk	RS213NR2	RR2Y	2.1	R	None	57.0	34.0	19.7	8.0	0	855	53.8	45.8	58.5	69.7
NorthStar	NS 2138NR2	RR2Y	2.1	R	Ac	56.1	34.3	19.1	7.7	0	842	51.7	50.1	57.5	64.9
Trelay	21RR37	RR2Y	2.1	MR	Ac,Ex	56.0	33.8	19.8	8.1	0	840	59.4	42.2	56.1	66.3
Prairie Brand	PB-2366R2	RR2Y	2.2	R	CMB	55.8	34.2	19.0	8.0	0	837	52.9	45.5	57.2	67.7
Asgrow	AG2232 §	RR2Y	2.2	R	Ac,PV	55.8	34.3	19.4	8.5	0	837	51.8	42.1	60.2	68.9
Hefty	H22Y12	RR2Y	2.2	MR	I	55.4	34.5	19.1	7.9	0	831	49.5	49.9	54.5	67.6
LG Seeds	C2050R2	RR2Y	2.1	R	Ac	55.4	35.6	19.1	7.8	0	831	51.5	46.8	57.2	66.0
Prairie Brand	PB-2143R2	RR2Y	2.0	R	CMB	55.2	34.4	18.9	7.9	0	828	50.9	49.4	53.9	66.7
Latham	L2385R2	RR2Y	2.3	R	CMB	55.0	34.1	19.3	7.9	0	825	50.9	43.9	57.9	67.2
Kruger	K2-2303	RR2Y	2.3	R	Ac,PV	55.0	34.8	18.6	9.0	0	825	48.2	49.4	52.5	70.0
Channel	2105R2	RR2Y	2.1	MR	Ac,PV	54.8	34.1	19.6	8.5	0	822	48.9	45.6	59.2	65.4
Wensman	W 3222NR2	RR2Y	2.2	R	Ac	54.7	33.6	19.6	7.9	0	821	48.5	46.7	56.0	67.5
Dyna-Gro	S23RY63	RR2Y	2.3	R	Ac	54.4	34.3	18.9	8.9	0	816	55.2	35.2	59.4	67.8
Prairie Brand	PB-2242R2	RR2Y	2.2	R	CMB	54.3	34.1	18.8	8.0	0	815	52.1	43.1	50.6	71.2
Gold Country	2142	RR2Y	2.1	R	Ac	54.3	33.9	19.4	8.0	0	815	49.0	41.3	61.2	65.7
Dairyland	DSR-2105R2Y	RR2Y	2.1	S	CMB	54.3	33.4	19.6	8.1	0	815	55.5	44.9	55.5	61.4
Trelay	23RR53	RR2Y	2.3	MR	Ac,Ex	54.1	34.5	19.0	9.4	0	812	55.5	35.6	57.9	67.3
Wensman	W 3210NR2	RR2Y	2.1	R	Ac	54.0	34.8	18.8	7.9	0	810	48.4	45.7	52.7	69.1
Pfister	21R21	RR2Y	2.1	R	CMB	53.7	34.2	19.1	7.8	0	806	48.4	51.6	46.7	68.2
LG Seeds	C2175R2	RR2Y	2.1	R	Ac	53.7	33.4	19.8	8.0	0	806	52.6	42.9	56.0	63.4
Viking	2202R2N	RR2Y	2.2	R	None	53.6	35.0	19.0	7.8	0	804	45.7	46.9	53.2	68.6
Viking	2000R2N CK	RR2Y	2.0	R	Ac	57.7	33.2	19.7	7.8	0	866	54.3	54.1	55.2	67.1
Site Averages =						54.5	34.1	19.3	8.1	0	817	51.1	44.5	55.3	67.0
LSD (0.10) =						4.1	0.5	0.3	0.4	ns		5.9	5.2	5.6	4.4

Mark Querna
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. VPMmax® 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®, VPMmax® 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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