

**2012 BETTER VARIETIES Performance Summary for Minnesota Central [ MNCE ]**  
**ALL SEASON TEST 1.3 - 2.0 Maturity Group**
**TOP 30 for YIELD of 63 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	Bird Island			Glencoe	
												Clinton	Litchfield			
Kruger	K2-1901	RR2Y	1.9	R	Ac,PV	<b>59.9</b>	33.2	19.0	8.1	0	899	<b>56.4</b>	<b>58.7</b>	65.0	<b>59.3</b>	
Stine	19RA02 (2) §	RR2Y	1.9	R	CMB	<b>58.0</b>	33.3	18.9	8.1	0	870	<b>53.4</b>	<b>56.2</b>	<b>68.2</b>	54.0	
Titan Pro	20M1	RR2Y	2.0	R	Am	<b>57.4</b>	33.4	19.0	8.0	0	861	52.5	<b>54.2</b>	<b>67.1</b>	55.7	
Asgrow	AG1832 §	RR2Y	1.8	MR	Ac,PV	56.6	34.4	18.9	8.0	0	849	52.9	50.3	66.7	56.6	
Stine	19RA02 §	RR2Y	1.9	R	CMB	56.5	33.7	19.0	8.1	1	848	<b>55.3</b>	50.7	67.0	52.8	
Titan Pro	19M42	RR2Y	1.9	R	CMB	56.2	34.3	18.7	7.9	0	843	<b>53.6</b>	<b>57.1</b>	64.1	50.0	
Wensman	W 3190NR2	RR2Y	1.9	R	Ac	56.1	<b>35.4</b>	18.6	7.9	0	842	<b>54.5</b>	49.6	<b>67.2</b>	53.2	
Dairyland	DSR-1710R2Y	RR2Y	1.7	R	CMB	55.8	34.0	18.6	7.8	0	837	51.3	48.7	62.9	<b>60.2</b>	
NK Brand	S18-C2 §	RR2Y	1.8	R	CMB	55.8	34.0	19.0	8.2	0	837	48.7	<b>54.8</b>	63.9	55.6	
Prairie Brand	PB-1743R2	RR2Y	1.7	R	CMB	55.5	33.7	18.5	7.8	0	833	50.2	53.1	61.1	57.5	
Hefty	H17Y12	RR2Y	1.7	MR	I	55.4	34.0	<b>19.3</b>	7.8	1	831	<b>53.7</b>	48.0	65.0	55.0	
Channel	1700R2	RR2Y	1.7	R	Ac,PV	55.2	33.5	18.8	8.2	0	828	52.3	44.7	64.0	<b>59.9</b>	
Hefty	H16Y11	RR2Y	1.6	MR	I	55.2	34.2	18.6	7.9	1	828	51.4	52.5	63.0	53.9	
Hefty	H14R3	RR2Y	1.4	MR	I	54.8	33.8	<b>19.5</b>	7.9	0	822	49.7	47.2	<b>67.7</b>	54.4	
LG Seeds	C2050R2	RR2Y	2.1	R	Ac	54.8	<b>35.3</b>	18.7	7.9	0	822	<b>53.6</b>	51.3	63.9	50.3	
Trelay	20RR43	RR2Y	2.0	R	Ac,Ex	54.6	34.0	18.2	8.0	0	819	49.9	52.6	64.2	51.8	
Dyna-Gro	S15RY53	RR2Y	1.5	R	Ac	54.4	34.1	19.2	7.9	0	816	<b>53.6</b>	43.1	62.8	57.9	
Gold Country	1541	RR2Y	1.5	R	Ac	54.4	<b>34.7</b>	18.8	7.9	0	816	48.4	50.3	62.8	56.1	
Anderson	162R2Y	RR2Y	1.6	R	None	54.4	34.5	18.7	7.9	0	816	51.3	51.2	62.5	52.6	
Dyna-Gro	S18RY33	RR2Y	1.8	R	Ac	54.3	34.3	18.3	7.9	0	815	45.6	<b>54.0</b>	63.2	54.3	
Prairie Brand	PB-1566R2	RR2Y	1.5	R	CMB	54.2	34.0	<b>19.3</b>	7.9	0	813	52.8	46.0	64.5	53.4	
Hefty	H18Y12	RR2Y	1.8	MR	I	54.2	33.7	18.9	8.1	0	813	47.9	50.8	61.4	56.7	
Wensman	W 3160NR2	RR2Y	1.6	R	Ac	53.9	33.5	<b>19.8</b>	7.9	0	809	46.9	47.3	66.6	54.7	
Prairie Brand	PB-1823R2	RR2Y	1.8	R	None	53.8	<b>35.1</b>	18.2	7.9	0	807	48.5	46.9	64.0	55.8	
Channel	1901R2	RR2Y	1.9	R	Ac,PV	53.6	34.6	19.0	8.1	0	804	52.8	49.2	63.9	48.6	
Gold Country	1741	RR2Y	1.7	R	Ac	53.5	34.1	18.8	7.9	0	803	50.1	53.3	60.8	49.7	
Asgrow	AG1631 §	RR2Y	1.6	R	Ac,PV	53.3	33.9	18.9	7.7	0	800	44.7	49.8	62.7	55.9	
Titan Pro	15M22	RR2Y	1.5	R	CMB	53.3	33.5	<b>19.3</b>	7.9	0	800	51.3	40.4	63.7	57.7	
NorthStar	NS 1726NR2	RR2Y	1.7	R	Ac	52.8	34.0	18.5	7.8	0	792	44.1	48.6	61.2	57.3	
Hefty	H20R3	RR2Y	2.0	MR	I	52.8	34.5	19.0	9.0	0	792	50.5	41.0	<b>67.5</b>	52.2	
Site Averages =						<b>52.4</b>	<b>34.1</b>	<b>18.9</b>	<b>8.0</b>	<b>0</b>	<b>786</b>	<b>47.6</b>	<b>45.7</b>	<b>62.8</b>	<b>53.3</b>	
LSD (0.10) =						4.8	0.6	0.4	0.3	ns		5.7	7.9	4.3	5.9	

  
 F.I.R.S.T. Manager

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

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

 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](http://www.firstseedtests.com)

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Report Date: 10/9/2012 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. VPMaXX® 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®, VPMaXX® 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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