

2012 BETTER VARIETIES Harvest Report for Minnesota Central [MNCE]
 Doug Nelson, Big Stone County, MN 56225 [CLINTON]

ALL SEASON TEST
1.3 - 2.0 MAT. GROUP

PREV. CROP/HERB: Corn / Surpass, Roundup S2MNCE04
 SOIL DESCRIPTION: Fram-Esmond silty clay loam, mod. Well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.3 pH, 3.4% OM, low SCN 30" ROW SPACING
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Roundup
 SEEDED - RATE: May 15 140,000 /A TOP 30 for YIELD of 63 TESTED
 HARVESTED - STAND: Oct 3 122,875 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Kruger	K2-1901	RR2Y	1.9	R	Ac,PV	58.7	7.2	0	122.9	\$880
Titan Pro	19M42	RR2Y	1.9	R	CMB	57.1	7.0	0	124.4	\$857
Stine	19RA02 (2) §	RR2Y	1.9	R	CMB	56.2	7.1	0	124.9	\$843
NK Brand	S18-C2 §	RR2Y	1.8	R	CMB	54.8	7.2	0	125.4	\$822
Titan Pro	20M1	RR2Y	2.0	R	Am	54.2	7.3	0	125.4	\$812
Dyna-Gro	S18RY33	RR2Y	1.8	R	Ac	54.0	7.1	0	124.9	\$811
Gold Country	1741	RR2Y	1.7	R	Ac	53.3	7.1	0	124.4	\$799
Prairie Brand	PB-1743R2	RR2Y	1.7	R	CMB	53.1	7.1	0	118.6	\$796
Trelay	20RR43	RR2Y	2.0	R	Ac,Ex	52.6	7.2	0	124.9	\$789
Hefty	H16Y11	RR2Y	1.6	MR	I	52.5	7.3	0	125.8	\$788
LG Seeds	C2050R2	RR2Y	2.1	R	Ac	51.3	7.1	0	126.8	\$769
Anderson	162R2Y	RR2Y	1.6	R	None	51.2	7.2	0	124.9	\$768
Hefty	H18Y12	RR2Y	1.8	MR	I	50.8	7.4	0	122.9	\$762
Stine	19RA02 §	RR2Y	1.9	R	CMB	50.7	7.2	0	122.9	\$761
Asgrow	AG1832 §	RR2Y	1.8	MR	Ac,PV	50.3	7.1	0	124.9	\$755
Gold Country	1541	RR2Y	1.5	R	Ac	50.3	7.2	0	122.9	\$754
Kruger	K2-1402	RR2Y	1.5	R	Ac,PV	50.2	7.1	0	123.4	\$754
Asgrow	AG1631 §	RR2Y	1.6	R	Ac,PV	49.8	7.0	0	125.4	\$747
Renk	RS153NR2	RR2Y	1.5	R	None	49.7	7.2	0	122.5	\$746
Wensman	W 3190NR2	RR2Y	1.9	R	Ac	49.6	7.1	0	125.8	\$743
NorthStar	NS 1388NR2	RR2Y	1.3	R	Ac	49.4	7.4	0	125.4	\$741
Kruger	K2-1501	RR2Y	1.5	R	Ac,PV	49.2	7.4	0	123.9	\$738
Channel	1901R2	RR2Y	1.9	R	Ac,PV	49.2	7.1	0	124.9	\$738
Dairyland	DSR-1710R2Y	RR2Y	1.7	R	CMB	48.7	7.0	0	126.3	\$731
NorthStar	NS 1726NR2	RR2Y	1.7	R	Ac	48.6	7.3	0	123.9	\$729
Kruger	K2-2002	RR2Y	2.0	R	Ac,PV	48.1	7.4	0	125.4	\$721
Hefty	H17Y12	RR2Y	1.7	MR	I	48.0	7.1	0	122.0	\$720
Prairie Brand	PB-2099NRR2	RR2Y	2.0	R	CMB	47.8	7.6	0	125.4	\$718
NK Brand	S20-Y2 §	RR2Y	2.0	R	CMB	47.6	7.2	0	124.4	\$714
Wensman	W 3160NR2	RR2Y	1.6	R	Ac	47.3	7.1	0	126.3	\$710
Test Average =						45.7	7.2	0	122.9	\$686
LSD (0.10) =						7.9	0.4	ns		
C.V. =						12.8	4.5			


 F.I.R.S.T. Manager

TEST COMMENTS: *This site south of Clinton was dry before spring work began. Good rains fell in May and June, but it turned dry again from July through harvest. Doug stated that he was surprised the beans yielded so well with so little rainfall. His field around the plot averaged 46 bpa. Plants were in good health and dry with no moisture left in the stems or pods.*
Lat: 45.406815, Long: -96.457643

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$15.00

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

 Results in **bold** are significantly above the test average. **GC** = grower comparison product, **§** = United Soybean Board entry; **ns** = not significantly different

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

AgSCI Copyright 2012

Report Date: 10/6/2012 Revised:



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

Seed Treatments

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

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Raxil®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Stamina® is a trademark of BASF
- Escalate® is a trademark of Beck's Superior Hybrids, Inc.
- Rancona® is a trademark of Chemtura Corporation.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- SoyShield™ Plus is a trademark of Latham Hi-Tech Seeds
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Double PRO®, VT Triple PRO®, and YieldGard VT Triple are trademarks of Monsanto Technology LLC.
- Servo DPI™ is a trademark of Ohlde Seed.
- AcreMax®, Intrasect™ and Optimum® are trademarks of Pioneer Hi-Bred.
- SureStand™ is a trademark of Steyer Seeds.
- Agrisure®, ApronMaXX®, ApronXL®, Avicta®, Cruiser®, CruiserMaXX®, Dynasty®, Maxim® and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent
- Protinus™ is a trademark of Wolf Trax, Inc.