

2012 BETTER VARIETIES Harvest Report for North Dakota Southeast [NDSE]

Jeff Leinen, Richland County, ND 58075 [GREAT BEND]

ALL SEASON TEST
0.5 - 1.2 MAT. GROUP

PREV. CROP/HERB: Corn / Roundup, Laudis S2NDSE05
 SOIL DESCRIPTION: Loam, Well drained, non-irrigated
 SOIL CONDITIONS: High P, High K, 5.3 pH, 3.5% OM, Low SCN 30" ROW SPACING
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Roundup, Hero
 SEEDED - RATE: May 15 145,000 /A TOP 30 for YIELD of 66 TESTED
 HARVESTED - STAND: Oct 6 113,900 /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
Wensman	W 3108R2	RR2Y	1.0	S	Ac	49.3	10.8	0	115.5	\$740
Wensman	W 3050NR2	RR2Y	0.5	MR	Ac	49.2	11.3	0	109.6	\$738
Asgrow	AG0532 §	RR2Y	0.5	S	Ac,PV	48.7	11.0	0	105.6	\$731
Prairie Brand	PB-1120R2	RR2Y	1.1	S	CMB	46.7	11.3	1	111.5	\$701
Hefty	H10Y12	RR2Y	1.0	S	None	46.6	11.1	0	125.5	\$699
Proseed	P2 2-140	RR2Y	1.4	R	None	45.9	11.4	0	133.4	\$689
Dairyland	DSR-1215R2Y	RR2Y	1.2	S	CMB	45.8	11.4	0	117.5	\$687
NorthStar	NS 1257R2 §	RR2Y	1.2	R	Ac	45.7	10.9	0	103.6	\$686
Peterson	11R08 §	RR2Y	0.8	S	None	45.6	10.7	0	119.5	\$684
Hefty	H11Y12 §	RR2Y	1.1	S	I	45.1	11.0	1	115.5	\$677
Wensman	W 3101R2	RR2Y	1.0	S	Ac	45.0	11.3	0	103.6	\$675
Kruger	K2-0701	RR2Y	0.7	S	Ac,PV	45.0	11.0	0	113.5	\$675
Kruger	K2-1102	RR2Y	1.1	S	Ac,PV	45.0	11.0	0	125.5	\$675
Channel	0605R2 §	RR2Y	0.6	S	Ac,PV	44.6	11.1	0	109.5	\$669
Mycogen	5B080R2 §	RR2Y	0.8	S	CMB	44.3	10.5	0	131.4	\$665
Prairie Brand	PB-0510R2 §	RR2Y	0.5	S	CMB	43.7	11.1	0	117.5	\$656
Proseed	P2 11-50	RR2Y	0.5	S	None	43.7	11.1	1	115.5	\$656
Renk	RS082R2	RR2Y	0.8	S	None	43.6	10.8	0	123.5	\$654
Dairyland	DSR-0747R2Y §	RR2Y	0.7	S	CMB	43.6	11.0	0	107.6	\$654
Pioneer	91Y01 §	RR	1.0	S	T6	43.6	10.5	0	105.6	\$654
Prairie Brand	PB-0863R2 §	RR2Y	0.8	MR	CMB	43.5	11.4	0	105.5	\$653
Pioneer	91Y10 §	RR	1.1	S	T6	43.3	10.6	0	109.5	\$650
Wensman	W 3090NR2	RR2Y	0.9	MR	Ac	43.2	11.1	0	119.5	\$648
NK Brand	S10-G7 §	RR2Y	1.0	S	CMB	43.2	10.8	1	105.5	\$648
Asgrow	AG1031 §	RR2Y	1.0	S	Ac,PV	43.1	10.7	0	123.5	\$647
Kruger	K2-0801	RR2Y	0.8	S	Ac,PV	43.1	10.9	0	125.5	\$647
Dyna-Gro	37RY10 §	RR2Y	1.0	S	Ac	42.9	11.2	0	107.5	\$644
Wensman	W 3058R2 §	RR2Y	0.5	S	Ac	42.9	10.8	0	121.5	\$644
Kruger	K2-0901	RR2Y	0.9	R	Ac,PV	42.7	11.3	0	115.5	\$641
Croplan	R2T0860 §	RR2Y	0.8	S	CMB	42.6	10.6	0	111.5	\$639
Test Average =						42.3	11.0	0	113.9	\$634
LSD (0.10) =						4.2	0.2	1		
C.V. =						7.4	1.4			



F.I.R.S.T. Manager

TEST COMMENTS: *A slow start followed by steady progress through flowering resulted in average plant heights. Small pods and seeds at the top of the plants suggests August heat and drought stress. Plant health and solid stands down the row contributed to reasonable data quality, but the low soil pH at this site might account for atypical varietal performance.*
Lat: 46.25215, Long: -96.75864

Yield & Income Factors:	Base Moisture = 13%	Shrink = 1.0	Drying = \$0.000	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				



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
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.