

2012 BETTER VARIETIES Harvest Report for North Dakota East Central [NDEC]

Bob Runck, Cass County, ND 58012 [CASSELTON]

ALL SEASON TEST
0.0 - 0.7 MAT. GROUP

PREV. CROP/HERB: Corn / Roundup PowerMax, Status S2NDEC01
 SOIL DESCRIPTION: Loam, Well drained, non-irrigated
 SOIL CONDITIONS: High P, Mod. high K, 7.5 pH, 4% OM, No SCN 30" ROW SPACING
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Roundup PowerMax, Flexmax, Resource, Lorsban
 SEEDING - RATE: May 13 145,000 /A TOP 30 for YIELD of 60 TESTED
 HARVESTED - STAND: Oct 1 119,600 /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	K2-0504	RR2Y	0.5	S	Ac,PV	53.9	8.1	0	135.4	\$809
Prairie Brand	PB-0441R2 §	RR2Y	0.4	S	CMB	53.1	8.1	0	121.5	\$797
Renk	RS053R2	RR2Y	0.5	S	None	52.2	7.9	0	119.5	\$783
Prairie Brand	PB-0510R2	RR2Y	0.5	S	CMB	50.2	8.1	0	117.5	\$753
Peterson	12R05 §	RR2Y	0.5	S	None	49.8	8.2	0	117.5	\$747
Pioneer	90Y50 §	RR	0.5	S	None	49.2	8.0	0	123.5	\$738
Asgrow	AG0430 §	RR2Y	0.4	S	Ac,PV	49.0	8.1	0	123.5	\$735
Wensman	W 3050NR2	RR2Y	0.5	MR	Ac	48.3	7.9	0	113.5	\$725
Croplan	R2T0601 §	RR2Y	0.6	S	CMB	48.2	8.0	0	115.5	\$723
Kruger	K2-0503	RR2Y	0.5	S	Ac,PV	48.1	8.0	0	109.5	\$722
Wensman	W 3058R2 §	RR2Y	0.5	S	Ac	48.0	8.2	0	115.5	\$720
Stine	05RC68 §	RR2Y	0.5	S	None	47.7	8.2	0	125.4	\$716
Proseed	P2 11-50	RR2Y	0.5	S	None	47.7	8.0	0	125.5	\$716
Kruger	K2-0402	RR2Y	0.4	S	Ac,PV	47.2	8.2	0	129.4	\$708
Wensman	W 3032R2	RR2Y	0.3	S	Ac	47.0	8.0	0	119.5	\$705
Mustang	M-04403	RR2Y	0.4	S	Ac	46.5	7.8	0	119.5	\$698
Stine	04RC08 §	RR2Y	0.4	S	None	46.4	8.2	0	135.4	\$696
NorthStar	NS 0537R2 §	RR2Y	0.5	S	Ac	46.1	8.1	0	123.5	\$692
Hefty	H01R3 §	RR2Y	0.1	S	None	45.9	8.1	0	131.4	\$689
Hefty	H04Y12	RR2Y	0.4	S	None	45.5	8.0	0	115.5	\$683
Hefty	H07R3	RR2Y	0.7	S	None	45.3	8.1	0	123.5	\$680
Hefty	H06Y12 §	RR2Y	0.6	S	None	44.2	8.1	0	121.5	\$663
Pioneer	90Y41 §	RR	0.4	MR	T6	43.8	8.1	0	115.5	\$657
Proseed	P2 20-30 §	RR2Y	0.3	S	None	43.5	8.0	0	101.6	\$653
Wensman	W 3076R2 §	RR2Y	0.7	S	Ac	43.5	8.1	0	115.5	\$653
Prairie Brand	PB-0863R2	RR2Y	0.8	MR	CMB	43.2	8.0	0	123.5	\$648
Channel	0501R2 §	RR2Y	0.5	R	Ac,PV	43.2	8.2	0	111.5	\$648
Kruger	K2-0701	RR2Y	0.7	S	Ac,PV	43.1	8.0	0	121.5	\$647
Mustang	M-06942	RR2Y	0.6	S	Ac	43.1	8.1	0	113.5	\$647
Hefty	H02R3	RR2Y	0.2	S	I	42.4	8.1	0	123.5	\$636
Test Average =						42.9	8.1	0	119.6	\$643
LSD (0.10) =						8.4	ns	ns		
C.V. =						13.3	2.0			

TEST COMMENTS: *This site was situated on what appeared to be a very uniform area, but proved not to be. A few high salt areas reduced yield in a couple areas. Otherwise, the data was at least acceptable. Bob mentioned that yields were running in the high sixties on the other side of the quarter.*
Lat: 46.92215, Long: -97.19129

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. 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.