

2010 BETTER VARIETIES Harvest Report for South Dakota South East [SDSE]

S0SDSE11

Lewis Bainbridge, Davison County, SD 57334 [ETHAN]

PREV. CROP/HERB: Corn / Roundup

SOIL DESCRIPTION: Houdek-Stickney loam, non-irrigated, well drained

2.1 - 2.8 MAT. GROUP

SOIL CONDITIONS: Low SCN, moderate P, high K, 6.2 pH, 2.9% OM

30" ROW SPACING

TILLAGE/CULTIVATION: no-till

PEST MANAGEMENT: Roundup

SEEDED - RATE: May 22 150,000 /A

TOP 30 for YIELD of 35 TESTED

HARVESTED - STAND: Oct 5 89,100 /A

AVERAGE of (2) REPLICATIONS

Company	Brand	Technol.†	Mat.	SCN Resist.	Seed‡ Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
Latham	L2440R2 GC	RR2Y	2.4	S	AC	55.6	8.6	6.5	132.5	\$560.9
NK Brand	S21-N6 GC	RR	2.1	S	None	54.9	9.2	4.0	99.9	\$553.2
Channel	2402R2	RR2Y	2.4	S	AC	53.5	8.9	12.5	90.6	\$539.4
Kruger	K2-2301	RR2Y	2.3	S	AC	53.3	8.7	4.0	95.3	\$537.6
Kruger	K2-2803	RR2Y	2.8	R	AC	52.4	10.6	6.5	83.6	\$526.5
Prairie Brand	PB-2278RR	RR	2.2	S	CM	51.8	9.2	6.5	95.3	\$521.9
Mustang	M-23321	RR2Y	2.3	R	AC	51.3	8.7	4.0	123.1	\$517.4
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CM	50.8	8.9	6.5	69.7	\$512.2
Kruger	K2-2701	RR2Y	2.7	R	AC	50.8	9.1	6.5	74.3	\$512.0
Kruger	K2-2101	RR2Y	2.1	R	AC	50.7	9.1	6.5	53.5	\$511.0
Prairie Brand	PB-2558NRR	RR	2.5	R	T6	50.6	8.7	4.0	65.1	\$510.4
SOI	2769NRR	RR	2.7	R	None	49.8	9.2	4.0	95.3	\$501.8
Mustang	M-27721	RR2Y	2.7	R	AC	49.7	9.1	4.0	69.7	\$500.9
Prairie Brand	PB-2742R2	RR2Y	2.8	R	AC	48.9	9.8	4.0	111.5	\$492.1
Asgrow	AG2430 GC	RR2Y	2.4	R	AC	47.7	9.0	4.0	86.0	\$480.8
SOI	2509NRR	RR	2.5	R	None	47.7	9.3	6.5	116.2	\$480.5
Prairie Brand	PB-2632R2	RR2Y	2.6	R	CM	47.6	10.7	4.0	55.8	\$478.2
Wensman	W3230R2	RR2Y	2.3	S	AC	47.2	8.7	9.0	65.1	\$476.1
SOI	2534RR	RR	2.5	S	None	46.6	9.1	4.0	88.3	\$469.6
SOI	2716NRR	RR	2.7	MR	None	46.3	9.0	2.5	132.5	\$466.7
Pioneer	92Y30 GC	RR	2.3	R	None	46.0	8.9	4.0	83.7	\$463.8
Mustang	M-25521	RR2Y	2.5	R	AC	46.0	9.9	4.0	125.5	\$462.9
NK Brand	S21-B1 GC	RR	2.1	R	None	45.5	9.1	4.0	76.7	\$458.5
Prairie Brand	PB-2020R2	RR2Y	2.0	S	CM	45.0	8.9	2.5	104.6	\$453.7
Kruger	K2-2001	RR2Y	2.0	R	AC	45.0	9.0	5.0	76.7	\$453.6
Wensman	W3275R2	RR2Y	2.7	S	AC	44.8	9.8	6.5	104.6	\$450.9
Kruger	K2-2703	RR2Y	2.7	R	AC	44.4	10.2	4.0	55.8	\$446.5
Kruger	K2-2502	RR2Y	2.5	R	AC	43.5	9.2	4.0	76.7	\$438.3
Prairie Brand	PB-2142R2	RR2Y	2.0	R	CM	42.0	9.4	4.0	55.8	\$423.0
Mustang	M-23530	RR2Y	2.3	S	AC	41.8	8.8	6.5	58.1	\$421.5
Test Average =						47.0	9.3	5.1	89.1	\$473.9
LSD (0.10) =						6.3	0.7	3.8		
C.V. =						8.0	4.6			


 F.I.R.S.T. Manager

TEST COMMENTS: Heavy rains after planting saturated soils and lead to poor emergence which varied widely by product. Record rains through July caused ponding which caused us to eliminate one affected replication. Ideal fall weather made good harvest conditions. Statistically valid results but seed quality and final stand differences likely impacted yields.

Lat: N43.55697, Long: W98.10488

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$10.00

† Technology: LL - LibertyLink, RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, STS - Sulfonyleurea Tol

‡ Seed Treatment: AC - Acceleron, AM - ApronMaxx, AP - ApronXL, CM - CruiserMaxx, E - Excalibre, ES - Escalate, I - Inovate, O - Optimize, T - Trilex, T6 - Trilex 6000

Results in bold are significantly above the test average. GC = grower chosen product, * brands without a seed lot number; ns = not significantly different

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

AgSCI Copyright 2010

Report Date: 10/7/2010 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 Seed. XL[™] brand seed is distributed by Beck's Superior Hybrids. G2[®], HPT[®], RPM[®], and XL[™] are trademarks of Pioneer Hi-Bred.

Technologies

3110	Agrisure [®] Viptera [™] 3110
3111	Agrisure [®] Viptera [™] 3111
3000GT	Agrisure [®] 3000GT
CB/LL	Agrisure [®] CB/LL
CB/LL/RW	Agrisure [®] CB/LL/RW
GT	Agrisure [®] GT
GT/CB/LL	Agrisure [®] GT/CB/LL
HX	HERCULEX [®] I Insect Protection
HXT	HERCULEX [®] XTRA Insect Protection
LL	LibertyLink [®]
RR	Roundup Ready [®] Soybeans
RR2	Roundup Ready [®] Corn 2
RR2Y	Genuity [™] Roundup Ready 2 Yield [®]
SS	Genuity [™] SmartStax [™]
STS	STS [®]
VT2	YieldGard VT Rootworm/RR2 [™]
VT2P	Genuity [™] VT Double PRO [™]
VT3	YieldGard VT Triple [®]
VT3P	Genuity [™] VT Triple PRO [™]
YGCB	YieldGard [®] Corn Borer
YGCB,RR2	YieldGard [®] Corn Borer/Roundup Ready [®] Corn 2
YGPL,RR2	YieldGard [®] Plus/Roundup Ready [®] Corn 2
YGRW,RR2	YieldGard [®] Rootworm/Roundup Ready [®] Corn 2

Seed Treatments

AC	Acceleron [®]
AM	ApronMaxx [®]
AP	Apron XL [®]
AVC	Avicta [®] Complete Corn
C	Cruiser [®]
CM	CruiserMaxx [®]
E	Excalibre [™]
ES	Escalate [™]
I	Inovate [™] System
O	Optimize [®]
P	Poncho [®]
T	Trilex [®]
T6	Trilex [®] 6000
V	Votivo [™]

Trademarks

- Excalibre[™] is a trademark of Advanced Biological Marketing
- LibertyLink[®], Poncho[®], Trilex[®], and Votivo[™] are trademarks of Bayer.
- Escalate[™] is a trademark of Beck's Superior Hybrids
- Herculex[®] is a trademark of Dow AgroSciences LLC.
- STS[®] is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize[®] is a trademark of EMD Crop BioScience Inc.
- Acceleron[®], Genuity[®], Roundup Ready[®], Roundup Ready 2 Yield[®], SmartStax[™], VT Double PRO[™], VT Triple PRO[™], YieldGard[®], YieldGard VT Rootworm/RR2[™], and YieldGard VT Triple[®] are trademarks of Monsanto Technology LLC.
- Agrisure[®], ApronMaxx[®], ApronXL[®], Avicta[®], Cruiser[®], and CruiserMaxx[®] are trademarks of Syngenta.
- Inovate[™] System is a trademark of Valent