

2011 BETTER HYBRIDS Harvest Report for South Dakota North East [SDNE]

Greg Lanners, Deuel County, SD 57226 [CLEAR LAKE]

EARLY SEASON TEST
91 - 96 Day CRM

B1SDNE09a

 PREV. CROP/HERB: Soybean / Roundup, Silencer, Whirlwind
 SOIL DESCRIPTION: Vienna-Brookings silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.6 pH, 4.1% OM
 PEST MANAGEMENT: Harness, Roundup, Force
 FERTILITY - Applied N: 150 Spring,
 Applied N-P-K (units): 150-50-50

30" ROW SPACING

 SEEDED - RATE: May 18 30,100 /A
 HARVESTED - STAND: Oct 26 28,900 /A

 TOP 30 OF 53 FOR **GROSS INCOME** (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	K-4292	VT2P	P500,V	92	214.2	14.3	2.0	30.0	1,285.2	1
Kruger	K-7194	VT3P	P500,V	94	213.6	14.4	1.0	29.5	1,281.6	2
Dekalb	DKC42-72 GC	VT3	P250	92	203.5	14.2	1.0	29.0	1,221.0	3
Rea	4B285	VT2P	P250	93	203.1	14.2	1.0	29.0	1,218.6	4
Gold Country	93-07	VT3P	P250	93	202.8	14.1	1.0	29.0	1,216.8	5
Mustang	3347	VT3	P500,V	92	201.7	14.2	1.0	28.5	1,210.2	6
Rea	4V588	VT3P	P250	94	201.3	14.7	1.0	28.6	1,207.8	7
Kruger	K-7593	VT3P	P500,V	93	200.3	14.6	1.0	30.5	1,201.8	8
Dekalb	DKC43-27 GC	VT3	P250	93	199.9	13.8	3.7	30.0	1,199.4	9
Seeds 2000	9503VT3P	VT3P	P250	95	199.0	14.6	1.0	31.4	1,194.0	10
Stine	9207GTCBLL*	GT/CB/LL	C250	91	198.3	14.2	1.0	29.5	1,189.8	11
King	4010GTCBLL GC	GT/CB/LL	None	91	196.1	14.2	3.7	30.0	1,176.6	12
Mustang	4212	VT3P	P500,V	95	195.9	14.7	1.0	29.0	1,175.4	13
Kruger	K-7495	VT3P	P500,V	95	195.2	14.8	1.0	28.1	1,171.2	14
Rea	4V653	VT3P	P250	96	195.2	15.5	1.0	28.1	1,166.3	16
Wensman	W 8120VT2PRO	VT2P	P250	92	194.6	14.3	1.0	29.5	1,167.6	15
Renk	RK585VT3P	VT3P	P250	95	193.9	15.4	1.0	26.1	1,159.5	18
PGS Hybrids	4390-3000GT	3000GT	C250	90	193.4	13.1	1.0	28.1	1,160.4	17
Seeds 2000	9202VT2P	VT2P	P250	92	192.9	13.9	1.0	30.0	1,157.4	19
Proseed	1191VT3Pro*	VT3P	C250	91	192.1	14.6	1.0	28.1	1,152.6	20
Producers	5223VT2Pro	VT2P	P500,V	92	191.2	13.3	1.0	29.0	1,147.2	21
Renk	RK434VT3P	VT3P	P250	92	190.5	14.0	1.0	28.1	1,143.0	22
Stine	9311VT3Pro*	VT3P	C250	93	190.1	16.3	1.0	29.5	1,128.2	25
G2 Genetics	5X-9101^	HXT,RR2	P1250,V	90	188.9	14.6	1.0	29.5	1,133.4	23
Proseed	1193VT3Pro*	VT3P	C250	93	188.8	15.3	1.0	29.5	1,130.0	24
Dyna-Gro	D35RR40	RR2	P250	95	187.7	15.2	2.0	30.5	1,124.3	26
Rea	4A609	STX	P250	95	187.1	14.3	1.0	28.1	1,122.6	27
Gold Country	95-15	STX	P500,V	95	186.6	14.4	1.0	29.0	1,119.6	28
Dyna-Gro	D36SS39	STX	P250	96	185.5	14.8	1.0	29.0	1,113.0	29
PGS Hybrids	3349GT/CB/LL	GT/CB/LL	C500	86	184.2	13.6	1.0	31.0	1,105.2	30
Channel	197-32VT3P CK	VT3P	P500,V	97	185.4	16.8	1.0	27.1	1,095.7	38
Test Average =					187.6	14.6	1.4	28.9	1,124.0	
LSD (0.10) =					16.0	0.7	2.2			
C.V. =					6.3	3.4				



F.I.R.S.T. Manager

TEST COMMENTS: *Despite the wet conditions in the spring we had a good planting date. The plot looked good all year but it got too dry in August and yields were hurt from lack of rain at the end of the growing season. The dry weather has continued into the fall and contributed to the good harvest conditions and grain moistures. A September 15 frost occurred.*

Lat: N44.77641, Long: W-96.84343

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.050 Price = \$6.00

[†] TECHNOLOGY: **Corn Borer** - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; **Corn Rootworm** - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; **Glyphosate** - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; **Liberty** - 3000GT, 3111, HX, HXT, LL, STX

^{††} IST: **AV** - Avicta, **C** - Cruiser, **P** - Poncho, **250, 500, and 1250** = 0.25, 0.5, and 1.25 g ai/seed, respectively; **V** - Votivo

 Identifies the check brand included in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, * = brands without a seed lot number; **ns** = not significantly different

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

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Report Date: 10/30/2011

Revised:

2011 BETTER HYBRIDS Harvest Report for South Dakota North East [SDNE]

Greg Lanners, Deuel County, SD 57226 [CLEAR LAKE]

FULL SEASON TEST
97 - 100 Day CRM

B1SDNE09b

 PREV. CROP/HERB: Soybean / Roundup, Silencer, Whirlwind
 SOIL DESCRIPTION: Vienna-Brookings silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.6 pH, 4.1% OM
 PEST MANAGEMENT: Harness, Roundup, Force
 FERTILITY - Applied N: 150 Spring,
 Applied N-P-K (units): 150-50-50

30" ROW SPACING

 SEEDED - RATE: May 18 30,100 /A
 HARVESTED - STAND: Oct 26 28,500 /A

 TOP 30 OF 35 FOR **GROSS INCOME** (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wensman	W 8294VT2PRO	VT2P	P250	99	205.0	15.8	1.0	30.0	1,221.8	1
Producers	6044VT3	VT3	P250	100	196.6	16.0	2.0	27.6	1,169.8	2
Wensman	W 7270VT3PRO	VT3P	P250	97	192.6	14.1	1.0	29.0	1,155.6	3
Renk	RK580VT3	VT3	P250	98	191.5	15.4	1.0	28.5	1,145.2	4
AgVenture/Scherr	5925	HXT,RR2	C250	100	187.8	16.1	1.0	28.1	1,116.5	5
Gold Country	98-90	STX	P250	98	186.1	16.4	1.0	28.5	1,103.6	6
King	5808 3000GT GC	3000GT	C250	98	181.3	14.7	1.0	29.0	1,087.8	7
Gold Country	101-77	VT3	P250	101	181.0	15.4	8.7	29.0	1,082.4	9
Producers	5784VT3	VT3	P500,V	97	180.6	14.2	2.0	27.6	1,083.6	8
Kruger	K4-9100	STX	P500,V	100	180.3	14.6	1.0	30.5	1,081.8	10
Kruger	K-6399VT3	VT3	P500,V	99	179.0	15.0	1.0	28.1	1,074.0	12
NK Brand	N39Z-3000GT GC	3000GT	C250	99	178.0	13.6	1.0	29.0	1,068.0	13
Wensman	W 7273VT3	VT3	P250	98	177.6	14.4	1.0	29.0	1,065.6	14
Gold Country	100-07	VT3	P250	100	177.3	14.6	3.0	28.5	1,063.8	15
Wensman	W 7290VT3PRO	VT3P	P250	99	177.3	15.2	9.0	28.0	1,062.0	16
Pioneer	P9990XR GC	HXT,RR2	C250	99	176.3	16.3	1.0	26.1	1,046.3	19
Dekalb	DKC49-94 GC	STX	P500,V	99	175.7	14.1	1.0	26.1	1,054.2	17
Stine	9417VT3*	VT3	C250	100	174.7	15.0	1.0	29.0	1,048.2	18
Dekalb	DKC50-66 GC	VT3	P250	100	172.4	14.5	6.0	28.1	1,034.4	20
G2 Genetics	5H-696*	HX,RR2	C250	96	172.1	16.1	2.0	27.6	1,023.1	22
Kruger	K4-9599	STX	P500,V	99	171.1	15.8	1.0	27.1	1,019.8	24
NuTech	5N-001*	3000GT	C250	100	170.7	14.1	1.0	30.9	1,024.2	21
Seeds 2000	2982GT	GT	C250	98	170.0	14.9	3.7	30.5	1,020.0	23
Mustang	4454	3000GT	P500,V	98	169.6	14.1	1.0	29.5	1,017.6	25
G2 Genetics	5H-797*	HX,RR2	C250	97	168.7	15.0	6.3	29.0	1,012.2	26
AgVenture/Scherr	RL5267HBW	HXT,RR2	P1250	97	166.0	15.8	3.7	28.5	989.4	27
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	163.5	14.7	1.0	28.1	981.0	28
G2 Genetics	5X-0001^	HXT,RR2	P1250,V	100	163.2	17.8	2.0	29.0	956.4	30
Dairyland	ST-9399	3000GT	C250	99	161.3	15.9	6.0	28.0	960.5	29
Pioneer	P9910AM1 GC	HXT,RR2	C250	99	159.0	14.4	1.0	28.5	954.0	31
Channel	197-32VT3P CK	VT3P	P500,V	97	181.1	15.6	1.0	27.1	1,081.2	11
Test Average =					174.9	15.1	2.2	28.5	1,045.5	
LSD (0.10) =					17.7	1.3	5.1			
C.V. =					7.4	6.3				



F.I.R.S.T. Manager

TEST COMMENTS: *Despite the wet conditions in the spring we had a good planting date. The plot looked good all year but it got too dry in August and yields were hurt from lack of rain at the end of the growing season. The dry weather has continued into the fall and contributed to the good harvest conditions and grain moistures. A September 15 frost occurred.*

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Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

Technologies

3000GT	Agrisure® 3000GT
3111	Agrisure® Viptera™ 3111
AMRW	Optimum® AcreMax™ Rootworm Protection
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® herbicide tolerance
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STX	SmartStax®
STS	STS® herbicide tolerance
VT2P	Genuity® VT Double PRO™
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO™

Seed Treatments

A	Allegiance®
AC	Acceleron®
AM	ApronMaxx®
AP	Apron XL®
AV	Avicta®
C	Cruiser®
CM	CruiserMaxx®
E	Excalibre™
I	Inovate™ System
G	Gaicho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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