

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

Greg Bich, Beadle County, SD 57324 [CAVOUR]

EARLY SEASON TEST
91 - 96 Day CRM

B1SDNE11a

PREV. CROP/HERB: Soybean / Roundup

SOIL DESCRIPTION: Houdek-Prosper loam, well drained, minimum w/ fall till, non-irrigated

SOIL CONDITION: Moderate P, moderate K, 6.7 pH, 3% OM

PEST MANAGEMENT: Harness Xtra, Roundup PowerMax, Force

30" ROW SPACING

FERTILITY - Applied N: 150 Spring,

Applied N-P-K (units): 150-0-0

SEEDED - RATE: May 11 27,700 /A

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

HARVESTED - STAND: Oct 28 25,700 /A

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-7495	VT3P	P500,V	95	198.7	13.0	1.0	26.1	1,192.2	1
Rea	4A609	STX	P250	95	197.4	12.7	1.0	27.6	1,184.4	3
Kruger	K-4292	VT2P	P500,V	92	197.0	13.1	1.0	26.1	1,182.0	4
Dyna-Gro	D36SS39	STX	P250	96	196.8	13.6	1.0	25.1	1,180.8	5
Kruger	K-7194	VT3P	P500,V	94	196.2	12.8	1.0	24.2	1,177.2	6
Mustang	4689	VT3	P500,V	95	195.9	13.2	2.0	25.6	1,175.4	7
Gold Country	96-20	VT3P	P250	96	192.2	13.0	1.0	26.6	1,153.2	8
Seeds 2000	9503VT3P	VT3P	P250	95	191.8	12.8	1.0	26.6	1,150.8	9
Gold Country	93-07	VT3P	P250	93	191.0	12.9	2.0	25.1	1,146.0	10
G2 Genetics	5X-895 [^] *	HXT,RR2	C250	94	190.0	12.9	2.0	27.1	1,140.0	11
Renk	RK585VT3P	VT3P	P250	95	188.1	12.8	1.0	26.6	1,128.6	12
Producers	5223VT2Pro	VT2P	P500,V	92	187.9	12.5	1.0	26.1	1,127.4	13
Wensman	W 7268VT3	VT3	P250	96	187.8	13.4	1.0	24.2	1,126.8	14
Seeds 2000	9202VT2P	VT2P	P250	92	187.4	12.5	1.0	24.7	1,124.4	15
Stine	9206RR*	RR2	C250	91	187.2	12.4	2.0	26.1	1,123.2	16
Gold Country	93-39	VT3P	P250	93	187.1	12.9	1.0	26.1	1,122.6	17
Kruger	K-7593	VT3P	P500,V	93	186.6	12.8	1.0	26.1	1,119.6	18
Stine	9207GTCBLL*	GT/CB/LL	C250	91	186.0	12.4	8.0	28.5	1,116.0	19
Dekalb	DKC43-27 GC	VT3	P250	93	184.7	12.7	1.0	24.7	1,108.2	20
Renk	RK530VT3P	VT3P	P250	94	184.6	13.3	1.0	25.7	1,107.6	21
Rea	4B285	VT2P	P250	93	184.5	12.8	1.0	24.7	1,107.0	22
AgVenture/Scherr	GL4342ABW	3000GT	C250	92	183.4	12.0	6.0	24.7	1,100.4	23
Great Lakes	4689G3VT3	VT3	P500,V	96	182.9	13.4	1.0	25.2	1,097.4	24
Dekalb	DKC42-72 GC	VT3	P250	92	182.4	12.8	1.0	29.0	1,094.4	25
Gold Country	95-15	STX	P500,V	95	182.3	13.0	1.0	25.2	1,093.8	26
Mustang	4212	VT3P	P500,V	95	182.0	12.8	1.0	27.1	1,092.0	27
Wensman	W 7143VT3	VT3	P250	93	181.9	13.3	1.0	27.6	1,091.4	28
PGS Hybrids	4582-3000GT	3000GT	C250	93	180.9	13.1	6.0	26.1	1,085.4	29
Great Lakes	4555G3VT3	VT3	P500,V	95	180.5	13.1	1.0	24.2	1,083.0	30
Seeds 2000	9602G3	3000GT	C250	96	179.9	12.4	2.0	24.7	1,079.4	31
Channel	197-32VT3P CK	VT3P	P500,V	97	197.7	12.9	1.0	26.6	1,186.2	2
Test Average =					180.9	12.8	2.0	25.7	1,085.1	
LSD (0.10) =					16.2	0.6	3.6			
C.V. =					6.6	3.5				

TEST COMMENTS: *We had a timely start despite the wet conditions in the spring. Plenty of moisture through June and the plot looked good but needed some heat to help move things along. In July things turned hot and we dried out into August and September. We had some good results this year and the harvest weather has been excellent.*

Lat: N44.40478, Long: W-97.99452

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 Bich, Beadle County, SD 57324 [CAVOUR]

FULL SEASON TEST
97 - 100 Day CRM

B1SDNE11b

PREV. CROP/HERB: Soybean / Roundup

SOIL DESCRIPTION: Houdek-Prosper loam, well drained, minimum w/ fall till, non-irrigated

SOIL CONDITIONS: Moderate P, moderate K, 6.7 pH, 3% OM

PEST MANAGEMENT: Harness Xtra, Roundup PowerMax, Force

30" ROW SPACING

FERTILITY - Applied N: 150 Spring,

Applied N-P-K (units): 150-0-0

SEEDED - RATE: May 11 27,700 /A

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

HARVESTED - STAND: Oct 28 25,300 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dekalb	DKC50-66 GC	VT3	P250	100	201.1	13.2	1.0	23.2	1,206.6	1
NuTech	5N-001*	3000GT	C250	100	196.5	12.9	3.7	25.7	1,179.0	2
Wensman	W 8294VT2PRO	VT2P	P250	99	195.0	13.1	1.0	26.6	1,170.0	3
NK Brand	N39Z-3000GT GC	3000GT	C250	99	194.9	13.9	6.3	23.2	1,169.4	4
G2 Genetics	5X-0001^	HXT,RR2	P1250,V	100	193.4	14.3	1.0	24.7	1,160.4	5
Gold Country	101-77	VT3	P250	101	191.9	13.3	1.0	29.0	1,151.4	6
Kruger	K-6399VT3	VT3	P500,V	99	190.0	13.3	1.0	25.2	1,140.0	8
Wensman	W 7290VT3PRO	VT3P	P250	99	189.7	12.9	1.0	26.1	1,138.2	9
Dekalb	DKC49-94 GC	STX	P500,V	99	189.1	13.3	1.0	27.1	1,134.6	10
NuTech	5N-197*	3000GT	C250	97	188.9	13.3	3.7	25.6	1,133.4	11
Wensman	W 7270VT3PRO	VT3P	P250	97	188.1	12.9	2.0	25.6	1,128.6	12
Renk	RK580VT3	VT3	P250	98	187.6	12.7	1.0	24.7	1,125.6	13
Wensman	W 7273VT3	VT3	P250	98	187.0	12.8	1.0	26.1	1,122.0	14
Producers	6044VT3	VT3	P250	100	185.6	13.4	1.0	25.2	1,113.6	15
Pioneer	P9910AM1 GC	HXT,RR2	C250	99	185.5	12.8	1.0	23.7	1,113.0	16
G2 Genetics	5H-696*	HX,RR2	C250	96	185.2	13.3	1.0	26.1	1,111.2	17
Seeds 2000	9902G3	3000GT	C250,AV	99	184.0	13.2	1.0	26.1	1,104.0	18
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	183.8	13.0	7.3	25.2	1,102.8	19
Kruger	K4-9100	STX	P500,V	100	181.8	13.6	1.0	26.6	1,090.8	20
AgVenture/Scherr	RL5267HBW	HXT,RR2	P1250	97	181.5	13.2	4.7	26.1	1,089.0	21
Producers	5784VT3	VT3	P500,V	97	181.4	13.5	1.0	24.7	1,088.4	22
Pioneer	P9990XR GC	HXT,RR2	C250	99	179.3	13.0	1.0	23.7	1,075.8	23
Gold Country	98-90	STX	P250	98	176.6	13.5	1.0	27.1	1,059.6	24
AgVenture/Scherr	5925	HXT,RR2	C250	100	172.5	13.6	70.3	26.1	1,035.0	25
Kruger	K4-9599	STX	P500,V	99	171.2	13.9	1.0	26.1	1,027.2	26
Stine	9417VT3*	VT3	C250	100	170.9	13.0	1.0	23.7	1,025.4	27
Gold Country	100-07	VT3	P250	100	170.6	13.3	1.0	24.7	1,023.6	28
Dairyland	ST-9399	3000GT	C250	99	170.3	13.0	2.0	26.1	1,021.8	29
G2 Genetics	5H-797*	HX,RR2	C250	97	169.0	13.0	1.0	23.7	1,014.0	30
King	5808 3000GT GC	3000GT	C250	98	168.5	13.2	1.0	25.2	1,011.0	31
Channel	197-32VT3P CK	VT3P	P500,V	97	190.3	12.8	1.0	26.1	1,141.8	7
Test Average =					181.5	13.2	3.7	25.3	1,089.3	
LSD (0.10) =					14.8	0.8	4.8			
C.V. =					6.0	4.4				

TEST COMMENTS: *We had a timely start despite the wet conditions in the spring. Plenty of moisture through June and the plot looked good but needed some heat to help move things along. In July things turned hot and we dried out into August and September. We had some some good results this year and the harvest weather has been excellent.*

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Report Date: 10/30/2011

Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's 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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