

2011 BETTER HYBRIDS Harvest Report for South Dakota North East [SDNE]
 Fred Zenk, Day County, SD 57274 [WEBSTER]

EARLY SEASON TEST
91 - 96 Day CRM

PREV. CROP/HERB: Soybean / Roundup B1SDNE07a
 SOIL DESCRIPTION: Nutley-Sinai silty clay, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 7.5 pH, 5.5% OM
 PEST MANAGEMENT: Roundup (2x), Outlook, Force 30" ROW SPACING
 FERTILITY - Applied N: 5 Fall, 120 Spring,
 Applied N-P-K (units): 125-50-0
 SEEDED - RATE: May 18 30,100 /A TOP 30 OF 53 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 24 27,700 /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	198.9	16.4	1.0	30.0	1,179.5	1
Wensman	W 7268VT3	VT3	P250	96	198.4	16.6	2.0	28.6	1,174.5	2
Rea	4V653	VT3P	P250	96	192.0	16.7	1.0	28.6	1,135.7	4
Kruger	K-7194	VT3P	P500,V	94	191.9	16.4	2.0	27.6	1,138.0	3
Producers	5223VT2Pro	VT2P	P500,V	92	189.8	15.5	1.0	28.5	1,134.1	5
Gold Country	96-20	VT3P	P250	96	186.1	15.9	1.0	30.0	1,108.2	6
Seeds 2000	9503VT3P	VT3P	P250	95	185.3	15.8	1.0	27.6	1,104.4	8
Dyna-Gro	D36SS39	STX	P250	96	185.0	16.0	3.0	27.6	1,100.8	9
Dekalb	DKC43-27 GC	VT3	P250	93	184.5	14.9	1.0	29.0	1,107.0	7
Stine	9207GTCBLL*	GT/CB/LL	C250	91	183.1	15.5	2.0	25.1	1,094.0	10
Rea	4B285	VT2P	P250	93	182.1	16.2	1.0	26.6	1,081.7	13
Dekalb	DKC42-72 GC	VT3	P250	92	181.5	16.0	3.0	29.5	1,079.9	14
Proseed	1191VT3Pro*	VT3P	C250	91	181.2	14.6	3.7	27.1	1,087.2	11
Kruger	K-4292	VT2P	P500,V	92	180.6	14.3	3.0	28.5	1,083.6	12
Seeds 2000	9202VT2P	VT2P	P250	92	180.0	15.3	1.0	27.1	1,077.3	15
Renk	RK530VT3P	VT3P	P250	94	178.4	15.8	1.0	27.1	1,063.3	16
Proseed	794-3000GT*	3000GT	C250	94	177.7	16.4	2.0	26.1	1,053.8	18
Mustang	3347	VT3	P500,V	92	177.1	15.4	4.7	27.1	1,059.1	17
Great Lakes	4555G3VT3	VT3	P500,V	95	176.7	16.6	1.0	27.1	1,046.1	20
Gold Country	95-15	STX	P500,V	95	175.2	15.8	1.0	27.6	1,044.2	21
King	4010GTCBLL GC	GT/CB/LL	None	91	175.1	14.6	2.0	28.1	1,050.6	19
Gold Country	93-07	VT3P	P250	93	174.7	16.0	2.0	27.1	1,039.5	23
Proseed	1193VT3Pro*	VT3P	C250	93	174.0	15.3	2.0	27.1	1,041.4	22
Stine	9311VT3Pro*	VT3P	C250	93	173.4	17.1	1.0	28.5	1,022.2	24
Renk	RK585VT3P	VT3P	P250	95	171.2	15.9	1.0	27.6	1,019.5	26
Rea	4A609	STX	P250	95	170.9	16.8	1.0	27.6	1,010.0	28
Dyna-Gro	D32VP29	VT3P	P250	92	170.1	14.5	1.0	29.5	1,020.6	25
Great Lakes	4689G3VT3	VT3	P500,V	96	170.0	16.8	1.0	25.6	1,004.7	29
Mustang	4212	VT3P	P500,V	95	169.4	15.3	1.0	27.1	1,013.9	27
Renk	RK434VT3P	VT3P	P250	92	165.9	14.0	3.0	25.6	995.4	30
Channel	197-32VT3P CK	VT3P	P500,V	97	145.8	16.7	8.7	28.0	862.4	48
Test Average =					167.3	15.5	3.0	27.7	997.9	
LSD (0.10) =					20.8	1.0	4.4			
C.V. =					9.2	4.7				

TEST COMMENTS: This site had 80 mph winds on July 26 and caused some green snap in the field that was most prevalent in the early season test. The last significant rain event was on July 26 as August and September remained dry. We had some good yields at this plot despite the dry finish to the season. Fred was pleased with the yield in his corn field this year. Lat: N45.36588, Long: W-97.41527

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

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

Fred Zenk, Day County, SD 57274 [WEBSTER]

FULL SEASON TEST
97 - 100 Day CRM

B1SDNE07b

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Nutley-Sinai silty clay, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 7.5 pH, 5.5% OM
 PEST MANAGEMENT: Roundup (2x), Outlook, Force
 FERTILITY - Applied N: 5 Fall, 120 Spring,
 Applied N-P-K (units): 125-50-0

30" ROW SPACING

 SEEDED - RATE: May 18 30,100 /A
 HARVESTED - STAND: Oct 24 27,800 /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 7270VT3PRO	VT3P	P250	97	203.5	15.4	1.0	29.5	1,216.9	1
Wensman	W 7273VT3	VT3	P250	98	201.9	15.5	1.0	28.1	1,206.4	2
AgVenture/Scherr	5925	HXT,RR2	C250	100	201.7	18.7	2.0	29.0	1,172.9	4
Pioneer	P9910AM1 GC	HXT,RR2	C250	99	200.9	17.1	1.0	29.5	1,184.3	3
Wensman	W 7290VT3PRO	VT3P	P250	99	196.9	17.3	1.0	30.5	1,158.8	6
Gold Country	101-77	VT3	P250	101	194.7	15.8	1.0	26.6	1,160.4	5
NK Brand	N39Z-3000GT GC	3000GT	C250	99	192.9	16.3	1.0	27.1	1,144.9	8
Producers	5784VT3	VT3	P500,V	97	192.3	14.9	2.0	28.6	1,153.8	7
Renk	RK580VT3	VT3	P250	98	191.3	15.9	1.0	27.1	1,139.2	9
Dekalb	DKC50-66 GC	VT3	P250	100	191.2	16.4	1.0	27.6	1,133.8	11
Kruger	K-6399VT3	VT3	P500,V	99	189.5	14.4	1.0	26.6	1,137.0	10
Stine	9417VT3*	VT3	C250	100	188.9	16.3	1.0	26.1	1,121.1	12
NuTech	5N-197*	3000GT	C250	97	188.9	17.1	1.0	27.1	1,113.6	13
Wensman	W 8294VT2PRO	VT2P	P250	99	186.9	18.2	1.0	29.0	1,091.5	16
NuTech	5N-001*	3000GT	C250	100	185.8	17.1	1.0	26.6	1,095.3	14
Gold Country	98-90	STX	P250	98	182.3	17.5	1.0	27.1	1,071.0	18
Gold Country	100-07	VT3	P250	100	182.0	14.5	1.0	27.1	1,092.0	15
Seeds 2000	9902G3	3000GT	C250,AV	99	181.6	16.6	1.0	29.0	1,075.1	17
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	181.1	17.9	1.0	27.6	1,060.3	21
King	5808 3000GT GC	3000GT	C250	98	180.9	17.6	1.0	28.5	1,061.9	19
Mustang	4454	3000GT	P500,V	98	180.5	18.3	1.0	28.1	1,053.2	23
Producers	6044VT3	VT3	P250	100	179.0	17.2	1.0	30.0	1,054.3	22
Dairyland	ST-9399	3000GT	C250	99	178.1	17.6	1.0	27.6	1,045.4	24
Dekalb	DKC49-94 GC	STX	P500,V	99	177.6	15.5	1.0	27.1	1,061.2	20
AgVenture/Scherr	RL5267HBW	HXT,RR2	P1250	97	177.0	18.3	1.0	27.1	1,032.8	25
Pioneer	P9990XR GC	HXT,RR2	C250	99	173.9	17.3	1.0	27.1	1,023.4	26
Kruger	K4-9100	STX	P500,V	100	173.9	18.0	1.0	27.6	1,017.3	27
Seeds 2000	2982GT	GT	C250	98	173.8	18.3	1.0	28.1	1,014.1	28
G2 Genetics	5H-696^*	HX,RR2	C250	96	170.3	16.6	1.0	28.5	1,008.2	29
NuTech	3A-9901*	GT	C250	98	167.1	14.3	1.0	27.6	1,002.6	30
Channel	197-32VT3P CK	VT3P	P500,V	97	149.7	15.7	9.0	27.1	893.0	34
Test Average =					182.2	16.8	1.6	27.8	1,076.5	
LSD (0.10) =					18.3	1.1	3.9			
C.V. =					7.4	4.9				



F.I.R.S.T. Manager

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

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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	Gaucho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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