

2012 BETTER HYBRIDS Harvest Report for South Dakota Northeast [SDNE]

John Feller, Miner County, SD 57349 [HOWARD]

EARLY SEASON TEST

91 - 96 Day CRM

B2SDNE09a

 PREV. CROP/HERB: Soybean / Roundup, Silencer
 SOIL DESCRIPTION: Clamo-Banilla loam, well drained, no-till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.1 pH, 4% OM
 PEST MANAGEMENT: Force, Roundup, Harness Xtra
 FERTILITY - Applied N: 100 Spring, 50 Planter
 Applied N-P-K (units): 150-50-30

30" ROW SPACING

 SEEDED - RATE: May 3 30,100 /A
 HARVESTED - STAND: Sep 21 23,200 /A

TOP 30 OF 52 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	D34VP52	VT3P	AC,P5V	94	209.5	14.9	5	25.2	1,571	1
Renk	RK568VT3P	VT3P	AC,P2	95	207.4	14.0	4	23.2	1,556	2
Producers	5514VT3Pro	VT3P	AC,P5V	95	204.6	13.2	27	20.8	1,535	3
Titan Pro	X2M91	VT3P	AC,P5V	91	203.4	11.8	13	18.9	1,526	4
G2 Genetics	5X-9402^	HXT,RR2	MQ,R,P1V	94	198.0	13.6	26	25.1	1,485	5
Great Lakes	4567VT3PRO	VT3P	AC,P5V	95	196.4	13.3	9	24.2	1,473	6
Stine	9422VT3Pro	VT3P	AC,P2	96	195.7	13.1	28	22.8	1,468	7
Titan Pro	X2M95	VT3P	AC,P5V	95	192.9	14.5	18	21.8	1,447	8
Gold Country	95-33GENVT3P	VT3P	AC,P5V	95	191.3	14.0	6	23.7	1,435	9
Gold Country	96-36GENVT3P	VT3P	AC,P2	95	188.4	14.8	11	24.2	1,413	10
Titan Pro	1M96-3P	VT3P	AC,P2	96	186.4	13.0	19	25.2	1,398	11
Wensman	W 8184VT3PRO	VT3P	AC,P5V	95	185.7	14.3	6	23.7	1,393	12
Dyna-Gro	D35VP40	VT3P	AC,P2	95	185.7	12.2	20	24.7	1,393	13
Seeds 2000	9504VT3P	VT3P	AC,P2	95	181.6	13.6	21	25.7	1,362	15
Gold Country	94-65GENVT3P	VT3P	AC,P5V	94	181.6	12.4	30	22.7	1,362	16
G2 Genetics	5X-193^	HXT,RR2	MQ,R,P1V	93	180.0	12.9	30	25.6	1,350	17
Producers	5144VT3Pro	VT3P	AC,P5V	91	179.8	12.1	11	24.2	1,349	18
Rea	4A654-RIB	STX-R	AC,P2	96	177.9	14.0	33	25.2	1,334	19
Seeds 2000	9503VT2P	VT2P	AC,P2	95	176.7	13.1	16	21.8	1,325	20
Rea	4V941	VT3P	AC,P5V	94	176.6	15.5	7	21.3	1,322	23
Viking	C44-95R	VT3P	AC,P2	95	176.5	13.0	17	27.1	1,324	21
Wensman	W 7140VT3PRO	VT3P	AC,P5V	93	176.5	12.1	65	21.8	1,324	22
Mustang	3643	VT3P	AC,P2	93	174.9	12.1	35	19.8	1,312	24
Kruger	K-7195	VT3P	AC,P5V	95	174.8	14.1	17	22.8	1,311	25
Renk	RK492VT3P	VT3P	AC,P2	92	174.4	11.5	30	24.2	1,308	26
Kruger	K4R-9495	STX-R	AC,P5V	95	173.9	13.8	22	23.7	1,304	27
Pioneer	P9630HR GC	HX,RR2	MQ,C2	96	173.4	14.7	42	24.2	1,301	28
G2 Genetics	5X-795^	HXT,RR2	MQ,R,C2	94	173.0	12.7	65	24.2	1,298	29
Producers	5224VT3Pro	VT3P	AC,P5V	92	172.7	11.8	17	23.7	1,295	30
Kruger	K4R-9593	STX-R	AC,P5V	93	172.4	13.4	11	23.2	1,293	31
Dekalb	DKC48-37 CK	VT3	AC,P2	98	184.0	13.6	10	20.3	1,380	14
Test Average =					175.4	13.2	24	23.2	1,316	
LSD (0.10) =					18.7	0.8	22			
C.V. =					7.8	4.3				


 F.I.R.S.T. Manager

TEST COMMENTS: This site was a challenge to harvest as a fall wind storm lodged corn here. Most stalks retained ears during harvest and produced some nice yielding corn. Half of the lodged corn had the roots ripped from the soil. Excessive May rainfall (6.5"+) caused some emergence issues. One particular rain event after planting compacted soils and washed some corn. Lat: 44.10439, Long: -97.40814

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.50

 † See last page for Product/Brand, Technology and Seed Treatment information.
 → 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, **ns** = not significantly different

2012 BETTER HYBRIDS Harvest Report for South Dakota Northeast [SDNE]

John Feller, Miner County, SD 57349 [HOWARD]

FULL SEASON TEST
97 - 100 Day CRM

B2SDNE09b

 PREV. CROP/HERB: Soybean / Roundup, Silencer
 SOIL DESCRIPTION: Clamo-Banilla loam, well drained, no-till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.1 pH, 4% OM
 PEST MANAGEMENT: Force, Roundup, Harness Xtra
 FERTILITY - Applied N: 100 Spring, 50 Planter
 Applied N-P-K (units): 150-50-30

30" ROW SPACING

 SEEDED - RATE: May 3 30,100 /A
 HARVESTED - STAND: Sep 21 23,600 /A

TOP 30 OF 45 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK598VT3P	VT3P	AC,P2	100	207.7	13.8	15	23.2	1,558	1
Gold Country	99-04GENVT3P	VT3P	AC,P5V	99	207.3	15.1	17	22.3	1,554	2
Pioneer	P9807HR GC	HX,RR2	MQ,C2	98	205.4	16.3	31	22.7	1,534	3
Great Lakes	5015VT3PRO	VT3P	AC,P5V	100	203.3	16.1	25	21.8	1,519	4
Wensman	W 7320VT3PRO	VT3P	AC,P5V	101	198.0	17.4	14	23.2	1,473	8
Wensman	W 9288VT3PRO	VT3P	AC,P5V	98	197.1	15.9	29	21.8	1,474	7
Producers	5904VT3Pro	VT3P	AC,P5V	99	197.0	15.3	17	22.8	1,476	5
Gold Country	99-33GENVT3P	VT3P	AC,P5V	99	196.8	13.0	33	21.3	1,476	6
Pioneer	P9917HR GC	HX,RR2	MQ,C2	99	195.8	15.5	57	23.2	1,466	9
Seeds 2000	9902VP3111	3111	MQ,C2	99	195.3	14.1	35	25.6	1,465	10
Titan Pro	X2M00	VT3P	AC,P2	100	193.4	13.4	19	26.6	1,451	11
Wensman	W 7273VT3	VT3	AC,P5V	98	193.0	15.1	15	26.1	1,447	12
Great Lakes	4879VT3PRO	VT3P	AC,P5V	98	192.5	16.3	33	26.1	1,438	13
Gold Country	97-40GENVT3P	VT3P	AC,P5V	97	191.7	15.2	10	21.8	1,437	14
G2 Genetics	5X-0004^	HXT,RR2	MQ,R,P1V	100	191.0	16.8	28	24.2	1,424	15
Mustang	5808	STX	AC,P2	98	189.3	14.9	20	23.7	1,420	16
Rea	4B820-RIB	VT2P-R	AC,P2	97	189.2	14.0	35	19.4	1,419	17
Wensman	W 7290VT3PRO	VT3P	AC,P5V	99	187.7	15.1	41	25.2	1,407	19
Kruger	K-7696	VT3P	AC,P5V	97	187.3	12.7	41	23.7	1,405	20
Dyna-Gro	D37VP71	VT3P	AC,P2	97	185.8	13.2	38	25.2	1,394	21
Kruger	K-7400	VT3P	AC,P5V	100	184.7	13.2	30	25.2	1,385	22
AgVenture/Scherr	VPmx RL5849HBW^	HXT,RR2	MQ,P1V	98	184.0	14.7	27	25.7	1,380	23
NuTech	5N-798	3000GT	MX,C2	98	183.7	15.1	52	26.1	1,377	24
Kruger	K-7597	VT3P	AC,P5V	97	183.3	12.6	44	22.2	1,375	25
Titan Pro	1M99	RR2	AC,P2	99	182.6	15.1	30	25.1	1,369	26
Dekalb	DKC48-12RIB GC	STX-R	AC,P2	98	181.3	14.6	25	21.8	1,360	27
Seeds 2000	3011G3	3000GT	MQ,C2	100	180.9	15.0	30	25.6	1,357	28
Rea	5V980	VT3P	AC,P5V	98	179.6	12.7	36	25.2	1,347	29
Rea	5V991	VT3P	AC,P5V	99	179.3	12.9	31	23.7	1,345	30
Producers	5784VT3	VT3	AC,P5V	97	178.2	14.9	30	22.8	1,337	31
Dekalb	DKC48-37 CK	VT3	AC,P2	98	188.5	13.7	14	23.2	1,414	18
Test Average =					184.6	14.8	34	23.6	1,383	
LSD (0.10) =					19.7	1.1	23			
C.V. =					7.8	5.3				


 F.I.R.S.T. Manager

TEST COMMENTS: *This site was a challenge to harvest as a fall wind storm lodged corn here. Most stalks retained ears during harvest and produced some nice yielding corn. Half of the lodged corn had the roots ripped from the soil. Excessive May rainfall (6.5"+) caused some emergence issues. One particular rain event after planting compacted soils and washed some corn.* Lat: 44.10439, Long: -97.40814

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.50

 † See last page for Product/Brand, Technology and Seed Treatment information.
 → 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, **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. VPMMaxx® 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®, VPMMaxx® 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® - sulfonylurea 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.