

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

Myron Keltgen, Codington County, SD 57201 [WATERTOWN]

EARLY SEASON TEST
91 - 96 Day CRM

B2SDNE08a

 PREV. CROP/HERB: Soybean
 SOIL DESCRIPTION: Poinsett-Buse-Waubay silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.7 pH, 3% OM
 PEST MANAGEMENT: Force, Roundup
 FERTILITY - Applied N: 161 Spring, 3 Side
 Applied N-P-K (units): 164-64-40

30" ROW SPACING

 SEEDED - RATE: Apr 25 32,400 /A
 HARVESTED - STAND: Sep 24 29,900 /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
Mustang	3893	VT3P	AC,P2	93	200.8	13.2	1	29.5	1,506	1
Dyna-Gro	D35VP40	VT3P	AC,P2	95	194.1	12.8	1	29.5	1,456	2
Seeds 2000	9504VT3P	VT3P	AC,P2	95	192.2	14.2	1	31.4	1,442	3
G2 Genetics	5X-795 [^]	HXT,RR2	MQ,R,C2	94	191.0	14.4	1	30.0	1,433	4
Stine	9422VT3Pro	VT3P	AC,P2	96	190.3	13.7	1	30.5	1,427	5
Kruger	K4R-9495	STX-R	AC,P5V	95	187.6	15.3	1	30.0	1,406	6
AgVenture/Scherr	VPmx RL4802HBW [^]	HXT,RR2	MQ,P1V	95	186.4	13.7	1	31.4	1,398	7
Wensman	W 7140VT3PRO	VT3P	AC,P5V	93	186.3	13.3	1	30.0	1,397	8
Gold Country	96-36GENVT3P	VT3P	AC,P2	95	184.5	14.4	1	31.0	1,384	9
Gold Country	94-65GENVT3P	VT3P	AC,P5V	94	182.5	14.3	1	32.4	1,369	10
Titan Pro	X2M93	VT3P	AC,P5V	93	181.8	14.8	1	28.6	1,364	11
Viking	C44-95R	VT3P	AC,P2	95	178.6	15.6	1	30.0	1,337	13
Dairyland	DS9992	VT3	AVC,C2	92	178.4	12.8	1	28.5	1,338	12
Kruger	K-7195	VT3P	AC,P5V	95	177.1	12.8	1	30.0	1,328	14
Gold Country	95-33GENVT3P	VT3P	AC,P5V	95	175.5	13.9	1	30.5	1,316	15
Kruger	K4R-9593	STX-R	AC,P5V	93	170.3	16.1	1	25.2	1,273	16
Seeds 2000	9503VT2P	VT2P	AC,P2	95	169.5	16.2	1	30.0	1,266	18
Titan Pro	1M96-3P	VT3P	AC,P2	96	168.9	14.7	1	30.5	1,267	17
Rea	4V941	VT3P	AC,P5V	94	167.9	13.5	1	30.5	1,259	19
Kruger	K-7091	VT3P	AC,P5V	91	167.3	13.3	1	28.5	1,255	20
Rea	4A654-RIB	STX-R	AC,P2	96	166.3	14.4	1	31.4	1,247	21
Dyna-Gro	D34VP52	VT3P	AC,P5V	94	165.6	15.2	1	29.5	1,241	23
Wensman	W 8120VT2RIB	VT2P-R	AC,P5V	92	165.5	11.0	1	31.0	1,241	22
Dairyland	DS9494SSX	STX	AVC,C2	94	165.4	14.9	1	30.0	1,241	24
Renk	RK492VT3P	VT3P	AC,P2	92	165.1	12.4	1	30.5	1,238	25
Titan Pro	X2M91	VT3P	AC,P5V	91	162.1	13.0	1	30.0	1,216	26
AgVenture/Scherr	GL4342ABW	3000GT	P5	92	161.6	14.9	1	26.6	1,212	27
Dekalb	DKC45-51RIB GC	STX-R	AC,P2	95	160.9	15.2	1	31.5	1,206	28
Seeds 2000	9202VT2P	VT2P	AC,P2	92	160.7	12.1	1	29.0	1,205	29
Stine	9311VT3Pro	VT3P	AC,P2	92	160.2	13.0	1	31.4	1,202	30
Dekalb	DKC48-37 CK	VT3	AC,P2	98	147.9	14.5	2	29.5	1,109	42
Test Average =					163.4	13.9	1	29.9	1,225	
LSD (0.10) =					30.3	1.7	1			
C.V. =					13.6	8.9				


 F.I.R.S.T. Manager

TEST COMMENTS: *This was a nice stand of corn at harvest, the corn stood straight and tall with no lodging issues. The plot was in an area with good drainage. Yields picked up at the lowest plot elevations, which is a trend this year. In the full eason test, I saw some really tall corn that failed to produce ears. Despite good yields, drought related yield swings caused full test data rejection.* Lat: 44.88739, Long: -97.27035

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]

Myron Keltgen, Codington County, SD 57201 [WATERTOWN]

FULL SEASON TEST
97 - 100 Day CRM

B2SDNE08b

 PREV. CROP/HERB: Soybean
 SOIL DESCRIPTION: Poinsett-Buse-Waubay silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.7 pH, 3% OM
 PEST MANAGEMENT: Force, Roundup
 FERTILITY - Applied N: 161 Spring, 3 Side
 Applied N-P-K (units): 164-64-40

30" ROW SPACING

 SEEDED - RATE: Apr 25 32,400 /A
 HARVESTED - STAND: Sep 24 29,700 /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
Wensman	W 7290VT3PRO	VT3P	AC,P5V	99	184.6	14.6	1	31.0	1,385	1
Producers	5904VT3Pro	VT3P	AC,P5V	99	172.5	16.5	1	30.0	1,287	2
Rea	5A508-RIB	STX-R	AC,P5V	99	171.3	18.0	1	29.5	1,272	4
Kruger	K-7400	VT3P	AC,P5V	100	170.6	14.0	1	31.9	1,280	3
Dyna-Gro	D37VP71	VT3P	AC,P2	97	167.3	15.0	1	29.0	1,255	5
AgVenture/Scherr	VPmx RL5849HBW^	HXT,RR2	MQ,P1V	98	166.6	14.0	1	30.5	1,241	6
Producers	5784VT3	VT3	AC,P5V	97	165.3	15.7	1	31.0	1,237	7
Titan Pro	X2M00	VT3P	AC,P2	100	161.9	14.6	1	29.0	1,214	8
Dyna-Gro	D39VP14	VT3P	AC,P5V	99	161.8	17.0	1	29.5	1,205	9
Rea	4B820-RIB	VT2P-R	AC,P2	97	155.3	15.9	1	26.6	1,161	10
Great Lakes	5015VT3PRO	VT3P	AC,P5V	100	154.9	15.4	1	30.0	1,160	11
Kruger	K-7597	VT3P	AC,P5V	97	154.0	14.1	1	30.5	1,155	12
Gold Country	99-33GENVT3P	VT3P	AC,P5V	99	153.3	12.0	1	31.9	1,150	13
Gold Country	99-04GENVT3P	VT3P	AC,P5V	99	152.2	18.3	1	30.0	1,129	16
G2 Genetics	5H-399^	HX,RR2	MQ,R,P1V	99	151.5	14.6	1	31.0	1,136	14
Gold Country	97-40GENVT3P	VT3P	AC,P5V	97	151.1	15.1	1	30.9	1,133	15
Renk	RK585VT3P	VT3P	AC,P2	97	151.1	17.0	1	31.0	1,126	17
Dairyland	DS9501SSX	STX	AV,C2	101	149.7	15.6	1	30.0	1,121	18
Wensman	W 9288VT3PRO	VT3P	AC,P5V	98	141.3	12.4	1	30.5	1,060	20
Pioneer	P9807HR GC	HX,RR2	MQ,C2	98	141.2	15.2	1	27.6	1,058	21
Kruger	K-7600	VT3P	AC,P5V	100	139.7	17.5	1	26.6	1,039	23
Renk	RK580SSTX RIB	STX-R	AC,P2	98	138.6	15.0	1	27.6	1,040	22
NuTech	5N-197	3000GT	MQ,R,C2	97	138.5	16.5	1	30.0	1,034	24
AgVenture/Scherr	VPmx RL5925HBW^	HXT,RR2	MQ,P1V	101	135.5	16.9	1	24.2	1,010	25
G2 Genetics	5X-0004^	HXT,RR2	MQ,R,P1V	100	134.7	17.8	1	29.5	1,001	26
Dekalb	DKC48-12RIB GC	STX-R	AC,P2	98	133.3	13.0	1	29.0	1,000	27
Great Lakes	4879VT3PRO	VT3P	AC,P5V	98	132.6	14.5	1	30.0	995	28
Rea	5V980	VT3P	AC,P5V	98	132.5	13.3	1	31.9	994	29
Rea	5V991	VT3P	AC,P5V	99	132.5	15.1	1	29.0	993	30
Wensman	W 7320VT3PRO	VT3P	AC,P5V	101	131.5	17.6	1	29.0	978	31
Dekalb	DKC48-37 CK	VT3	AC,P2	98	147.3	15.1	1	30.0	1,104	19
Test Average =					139.1	15.5	1	29.7	1,040	
LSD (0.10) =					46.0	3.2	2			
C.V. =					24.3	15.4				


 F.I.R.S.T. Manager

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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

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