

2012 BETTER HYBRIDS Harvest Report for South Dakota Southeast [SDSE]

Kurt Stiefvater, McCook County, SD 57058 [SALEM]

EARLY SEASON TEST
99 - 104 Day CRM

B2SDSE04a

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Clarno-Davison loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.7 pH, 3% OM
 PEST MANAGEMENT: Force, SureStart, Laudis, Atrazine
 FERTILITY - Applied N: 64 Spring, 42 Side
 Applied N-P-K (units): 106-75-45

30" ROW SPACING

 SEEDED - RATE: Apr 30 28,800 /A
 HARVESTED - STAND: Sep 20 25,000 /A

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

AVERAGE of (2) 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	196.3	16.5	1	22.5	1,465	1
Kruger	K-7600	VT3P	AC,P5V	100	181.4	13.1	1	24.0	1,361	2
Great Lakes	5015VT3PRO	VT3P	AC,P5V	100	179.5	14.5	1	26.9	1,346	3
Producers	XP6104VT3Pro	VT3P	AC,P5V	101	179.0	15.1	1	26.1	1,342	4
Kruger	KR-4104	VT2P-R	AC,P5V	104	177.6	14.3	1	27.6	1,332	5
Renze	2181-3000GT	3000GT	CE,C2	101	177.0	12.1	1	24.0	1,328	6
LG Seeds	LG5499VT3Pro	VT3P	AC,P5V	100	173.0	13.3	1	24.7	1,298	8
Pioneer	P9917AM1 GC	AM1,RR2	MQ,C2	99	172.7	14.9	1	26.2	1,295	9
Pfister	2225RR	RR2	AC,P2	101	172.6	12.2	1	28.3	1,295	10
Pfister	2333SS	STX	AVC,C2	104	168.2	14.3	1	21.8	1,262	11
Mustang	6460	3000GT	AC,P2	103	167.0	18.3	1	24.7	1,239	12
LG Seeds	LG5522VT3Pro	VT3P	AC,P5V	103	162.9	15.6	1	23.3	1,219	13
Renk	RK629VT3P	VT3P	AC,P2	101	161.7	13.1	1	24.7	1,213	14
Titan Pro	81A04GL	3000GT	MQ,C2	104	160.7	15.0	1	21.8	1,205	15
Wensman	W 7320VT3PRO	VT3P	AC,P5V	101	160.4	15.6	1	24.0	1,201	16
Dairyland	DS9501SSX	STX	AVC,C2	101	159.1	11.5	1	25.4	1,193	17
Prairie Brand	1010VT3	VT3	MQ,C2	101	159.1	17.4	1	24.7	1,184	22
G2 Genetics	5H-202^	HX,RR2	MQ,R,P1V	102	158.7	14.1	13	25.4	1,190	18
G2 Genetics	5H-502^	HX,RR2	MQ,R,C2	102	158.7	15.4	3	24.7	1,189	19
Great Lakes	5368VT3PRO	VT3P	AC,P5V	103	158.3	14.0	1	28.3	1,187	20
Producers	6044VT3Pro	VT3P	AC,P5V	102	158.2	12.7	1	20.4	1,187	21
Pfister	1760VT3	VT3	AVC,C2	99	157.8	12.3	1	24.7	1,184	23
Gold Country	99-04GENVT3P	VT3P	AC,P5V	99	156.0	13.2	1	24.7	1,170	24
LG Seeds	LG2501VT3Pro	VT3P	AC,P5V	101	156.0	17.6	1	29.8	1,160	29
Gold Country	100-95GENVT3P	VT3P	AC,P5V	100	155.9	12.3	1	26.2	1,169	25
NuTech	5N-001	3000GT	MQ,R,C2	101	155.5	12.1	3	20.4	1,166	26
Titan Pro	X2M04	VT2P	AC,P2	104	155.3	14.8	1	26.2	1,165	27
Kruger	K-7400	VT3P	AC,P5V	100	155.2	12.2	1	26.2	1,164	28
Prairie Brand	992SX	STX	AVC,C2	99	153.0	14.8	3	25.4	1,148	30
Titan Pro	2M01-3P	VT3P	AC,P5V	101	151.6	16.8	1	21.8	1,130	31
→ Dekalb	DKC52-04 CK	VT3P	AC,P2	102	173.4	14.8	1	26.9	1,301	7
Test Average =					154.1	14.6	2	25.0	1,153	
LSD (0.10) =					26.3	1.6	5			
C.V. =					10.2	6.5				


 F.I.R.S.T. Manager

TEST COMMENTS: This site had plenty of challenges this year. A pair of post-plant 2" rains compacted the soil impacting corn emergence. May rainfall was 6" above but June and July totaled 5" below normal. Lighter soil, elevation increase and hot dry weather hurt full season test yields. Weak ear shanks caused ear drop before and during harvest. Early harvest helped preserve yield. Lat: 43.7323, Long: -97.29802

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 Southeast [SDSE]

Kurt Stiefvater, McCook County, SD 57058 [SALEM]

FULL SEASON TEST

105 - 108 Day CRM

B2SDSE04b

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Clarno-Davison loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.7 pH, 3% OM
 PEST MANAGEMENT: Force, SureStart, Laudis, Atrazine
 FERTILITY - Applied N: 64 Spring, 42 Side
 Applied N-P-K (units): 106-75-45

30" ROW SPACING

 SEEDED - RATE: Apr 30 28,800 /A
 HARVESTED - STAND: Sep 20 25,700 /A

TOP 30 OF 30 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	
Curry	625-54 [^] GC	HX,RR2	CE,R,C2	105	160.0	15.1	1	26.1	1,200	1	
Kruger	KR-4207	VT2P-R	AC,P2	107	151.9	13.3	2	27.6	1,139	2	
Wensman	W 7473VT3	VT3	AC,P5V	109	144.6	17.7	2	23.2	1,075	3	
Curry	626-69 [^] GC	HX,RR2	CE,R,C2	106	139.4	17.8	1	21.3	1,036	6	
Producers	6884VT3Pro	VT3P	AC,P5V	108	139.1	13.9	3	29.0	1,043	4	
Kruger	K4R-9205	STX-R	AC,P5V	105	138.9	15.6	1	27.6	1,040	5	
Wensman	W 7459VT3PRO	VT3P	AC,P5V	107	123.8	14.5	1	27.1	929	7	
G2 Genetics	5H-806 [^]	HX,RR2	MQ,R,P1V	106	120.6	14.2	2	30.0	905	8	
Renk	RK795VT3P	VT3P	AC,P2	108	113.2	21.7	2	23.7	830	9	
Kruger	K-7907	VT3P	AC,P5V	107	107.9	15.5	1	28.1	808	10	
Titan Pro	X2M08	VT3P	AC,P5V	108	105.8	15.3	2	23.2	793	11	
Kruger	K-7306	VT3P	AC,P5V	106	105.5	15.8	2	24.2	789	12	
Great Lakes	5785VT3PRO	VT3P	AC,P5V	107	98.5	16.0	1	22.7	736	13	
Heine	799VT3Pro	VT3P	AC,P2	108	93.3	18.8	1	25.6	691	14	
LG Seeds	LG5533VT3Pro	VT3P	AC,P5V	107	91.2	12.8	2	25.2	684	15	
Heine	768-3000GT	3000GT	CE,C2	106	89.1	14.9	2	24.7	668	16	
G2 Genetics	5H-0504 [^]	HX,RR2	MQ,R,P1V	105	88.5	12.3	1	28.5	664	17	
Titan Pro	2M07-SS	STX	AC,P5V	107	85.4	14.4	1	25.6	641	18	
Producers	6624VT3Pro	VT3P	AC,P5V	106	84.7	17.4	1	26.6	630	19	
Renk	RK752SSTX	STX	AC,P2	106	83.2	13.4	2	24.7	624	20	
Dairyland	DS6604	RR2	CE,C2	104	81.2	12.9	2	26.1	609	22	
Heine	810VT3P	VT3P	AC,P2	108	80.7	17.6	1	26.1	600	23	
G2 Genetics	5Z-407 [^]	OI,RR2	MQ,R,P1V	107	79.3	12.2	3	27.6	595	24	
Stine	9529VT3Pro	VT3P	AC,P2	107	78.9	14.6	2	23.7	592	25	
Renk	RK741SSTX RIB	STX-R	AC,P2	107	74.5	14.3	1	32.9	559	26	
Mustang	6808	STX	AC,P2	106	73.4	13.9	2	21.8	551	27	
G2 Genetics	5Z-008 [^]	OI,RR2	MQ,R,P1V	108	68.9	14.3	3	26.1	517	28	
Titan Pro	1M05-SS	STX	AC,P2	105	65.8	15.0	2	24.7	494	29	
LG Seeds	LG2544VT3	VT3	AC,P5V	108	61.9	12.7	5	24.2	464	30	
Row intentionally blank											
→	Dekalb	DKC52-04 CK	VT3P	AC,P2	102	81.5	12.8	1	23.7	611	21
					Test Average =	100.4	15.0	2	25.7	753	
					LSD (0.10) =	25.5	3.0	2			
					C.V. =	18.6	14.4				


 F.I.R.S.T. Manager

TEST COMMENTS: This site had plenty of challenges this year. A pair of post-plant 2" rains compacted the soil impacting corn emergence. May rainfall was 6" above but June and July totaled 5" below normal. Lighter soil, elevation increase and hot dry weather hurt full season test yields. Weak ear shanks caused ear drop before and during harvest. Early harvest helped preserve yield: Lat: 43.7323, Long: -97.29802

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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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