

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

Floyd Snoozy, Minnehaha County, SD 57018 [COLTON]

EARLY SEASON TEST
99 - 104 Day CRM

B2SDSE01a

 PREV. CROP/HERB: Soybean / Roundup PowerMax (twice), Silencer
 SOIL DESCRIPTION: Moody clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, mod. high K, 7.1 pH, 3.7% OM
 PEST MANAGEMENT: Force, Roundup
 FERTILITY - Applied N: 120 Fall
 Applied N-P-K (units): 120-50-0

30" ROW SPACING

 SEEDED - RATE: Apr 26 32,400 /A
 HARVESTED - STAND: Oct 9 28,600 /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	6204	VT3P	AC,P2	104	222.1	11.8	7	30.0	1,666	1
Heine	741-3111	3111	AC,P2	104	211.8	11.4	17	32.4	1,589	2
Prairie Brand	1022RR	RR2	AC,P2	102	208.0	11.3	6	30.5	1,560	3
Wensman	W 9325VT3PRO	VT3P	AC,P5V	102	206.1	12.6	17	28.1	1,546	4
Gold Country	99-33GENVT3P	VT3P	AC,P5V	99	201.1	11.4	7	32.4	1,508	5
Kruger	KR-4104	VT2P-R	AC,P5V	104	200.7	12.5	5	31.9	1,505	6
LG Seeds	LG2501VT3Pro	VT3P	AC,P5V	101	198.8	11.9	13	29.5	1,491	7
Great Lakes	5015VT3PRO	VT3P	AC,P5V	100	198.7	12.1	7	28.1	1,490	8
Pfister	2225RR	RR2	AC,P2	101	198.1	11.2	6	30.0	1,486	9
LG Seeds	LG5499VT3Pro	VT3P	AC,P5V	100	196.3	12.0	25	28.1	1,472	10
G2 Genetics	5H-502^	HX,RR2	MQ,R,C2	102	191.2	11.8	37	22.7	1,434	11
Wensman	W 7320VT3PRO	VT3P	AC,P5V	101	190.7	12.9	35	25.2	1,430	12
Gold Country	99-04GENVT3P	VT3P	AC,P5V	99	189.7	12.3	7	27.1	1,423	13
G2 Genetics	5Z-802^	OI,RR2	MQ,R,P1V	102	189.2	11.6	18	26.1	1,419	14
Dairyland	DS6903	RR2	AVC,C2	103	188.5	12.9	9	27.6	1,414	15
Kruger	K-7303	VT3P	AC,P5V	103	188.5	12.4	20	24.2	1,414	16
Titan Pro	2M01-3P	VT3P	AC,P5V	101	188.3	12.2	27	29.0	1,412	17
Producers	XP6104VT3Pro	VT3P	AC,P5V	101	187.9	12.6	20	30.0	1,409	18
Pfister	1760VT3	VT3	AVC,C2	99	187.1	11.7	28	30.0	1,403	19
LG Seeds	LG5522VT3Pro	VT3P	AC,P5V	103	186.6	11.9	18	34.4	1,400	20
NuTech	5B-604	GT/CB/LL	MQ,R,C2	104	186.6	11.4	65	30.0	1,400	21
Titan Pro	X2M04	VT2P	AC,P2	104	185.6	12.5	4	29.5	1,392	22
Pioneer	P9917AM1 GC	AM1,RR2	MQ,C2	99	185.5	12.2	18	29.0	1,391	23
Gold Country	100-95GENVT3P	VT3P	AC,P5V	100	185.4	11.4	9	28.5	1,391	24
Prairie Brand	992SX	STX	AVC,C2	99	185.0	11.7	11	28.5	1,388	25
Great Lakes	5368VT3PRO	VT3P	AC,P5V	103	184.5	11.4	14	29.0	1,384	26
Renze	2181-3000GT	3000GT	CE,C2	101	183.0	11.2	41	28.5	1,373	27
Renk	RK629VT3P	VT3P	AC,P2	101	182.8	12.2	10	27.6	1,371	28
G2 Genetics	5H-202^	HX,RR2	MQ,R,P1V	102	180.6	11.7	60	24.2	1,355	29
Wensman	W 7330VT3	VT3	AC,P5V	103	179.9	11.4	16	29.5	1,349	30
Dekalb	DKC52-04 CK	VT3P	AC,P2	102	176.1	13.2	7	30.5	1,321	37
Test Average =					183.2	12.1	18	28.6	1,374	
LSD (0.10) =					23.1	0.9	19			
C.V. =					9.3	5.7				


 F.I.R.S.T. Manager

TEST COMMENTS: Due to a wind storm this fall, we had a lot of stalk lodging in this plot. Fortunately, all stalks laid in one direction allowing harvest with minimal ear loss. While the stalks may have been weakened by weather stress, the ear shanks held ears tight during harvest. This area benefited from timely rains this year to produce good yields here.

Lat: 43.8334, Long: -96.89095

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]

Floyd Snoozy, Minnehaha County, SD 57018 [COLTON]

FULL SEASON TEST

105 - 108 Day CRM

B2SDSE01b

 PREV. CROP/HERB: Soybean / Roundup PowerMax (twice), Silencer
 SOIL DESCRIPTION: Moody clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, mod. high K, 7.1 pH, 3.7% OM
 PEEL MANAGEMENT: Force, Roundup
 FERTILITY - Applied N: 120 Fall
 Applied N-P-K (units): 120-50-0

30" ROW SPACING

 SEEDED - RATE: Apr 26 32,400 /A
 HARVESTED - STAND: Oct 9 28,200 /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	
LG Seeds	LG5533VT3Pro	VT3P	AC,P5V	107	247.6	12.9	3	31.9	1,857	1	
Great Lakes	5785VT3PRO	VT3P	AC,P5V	107	240.1	13.1	3	27.1	1,801	2	
Wensman	W 7459VT3PRO	VT3P	AC,P5V	107	237.6	12.8	3	29.5	1,782	3	
Producers	6624VT3Pro	VT3P	AC,P5V	106	231.7	13.4	3	31.0	1,738	4	
Producers	6884VT3Pro	VT3P	AC,P5V	108	231.7	13.4	3	25.6	1,738	5	
Heine	810VT3P	VT3P	AC,P2	108	229.3	15.2	13	27.6	1,719	6	
Titan Pro	2M07-SS	STX	AC,P5V	107	229.1	13.3	14	30.5	1,718	7	
Kruger	KR-4207	VT2P-R	AC,P2	107	227.9	14.4	2	29.0	1,709	8	
Heine	799VT3Pro	VT3P	AC,P2	108	225.5	13.4	2	26.6	1,691	9	
Mustang	6808	STX	AC,P2	106	225.3	14.0	5	27.1	1,690	10	
G2 Genetics	5Z-407^	OI,RR2	MQ,R,P1V	107	222.1	13.5	4	30.5	1,666	11	
Stine	9529VT3Pro	VT3P	AC,P2	107	220.6	13.2	3	27.1	1,655	12	
Dairyland	DS6604	RR2	CE,C2	104	220.5	11.2	3	29.0	1,654	13	
Renk	RK741SSTX RIB	STX-R	AC,P2	107	219.5	13.6	9	28.1	1,646	14	
Kruger	K-7907	VT3P	AC,P5V	107	219.1	12.1	2	31.0	1,643	15	
Kruger	K4R-9205	STX-R	AC,P5V	105	218.9	12.2	31	26.6	1,642	16	
G2 Genetics	5H-0504^	HX,RR2	MQ,R,P1V	105	218.5	12.5	37	26.6	1,639	17	
Titan Pro	1M05-SS	STX	AC,P2	105	217.1	13.7	14	26.1	1,628	18	
Wensman	W 7473VT3	VT3	AC,P5V	109	216.7	14.0	33	28.0	1,625	19	
LG Seeds	LG2544VT3	VT3	AC,P5V	108	215.9	13.9	11	29.0	1,619	20	
Curry	626-69^ GC	HX,RR2	CE,R,C2	106	215.7	12.9	3	24.2	1,618	21	
Titan Pro	X2M08	VT3P	AC,P5V	108	214.1	13.2	22	27.1	1,606	22	
G2 Genetics	5H-806^	HX,RR2	MQ,R,P1V	106	213.9	12.7	4	29.0	1,604	23	
Renk	<i>RK795VT3P</i>	<i>VT3P</i>	<i>AC,P2</i>	<i>108</i>	<i>213.0</i>	<i>16.4</i>	<i>15</i>	<i>26.1</i>	<i>1,590</i>	<i>24</i>	
Kruger	K-7306	VT3P	AC,P5V	106	207.3	12.8	29	29.0	1,555	26	
Renk	RK752SSTX	STX	AC,P2	106	206.5	13.1	21	29.0	1,549	27	
G2 Genetics	5Z-008^	OI,RR2	MQ,R,P1V	108	203.2	14.0	17	27.1	1,524	28	
Curry	625-54^ GC	HX,RR2	CE,R,C2	105	187.6	11.6	31	33.4	1,407	29	
Heine	768-3000GT	3000GT	CE,C2	106	182.2	14.6	57	25.6	1,367	30	
Row intentionally blank											
DeKalb	DKC52-04 CK	VT3P	AC,P2	102	211.3	12.1	3	29.0	1,585	25	
					Test Average =	219.0	13.3	13	28.2	1,643	
					LSD (0.10) =	19.7	1.0	25			
					C.V. =	6.6	5.7				


 F.I.R.S.T. Manager

TEST COMMENTS: Due to a wind storm this fall, we had a lot of stalk lodging in this plot. Fortunately, all stalks laid in one direction allowing harvest with minimal ear loss. While the stalks may have been weakened by weather stress, the ear shanks held ears tight during harvest. This area benefited from timely rains this year to produce good yields here.

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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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- Optimize® is a trademark of EMD Crop BioScience Inc.
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