

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

Lewis Bainbridge, Davison County, SD 57334 [ ETHAN ]

**EARLY SEASON TEST**
**99 - 104 Day CRM**

B2SDSE02a

 PREV. CROP/HERB: Wheat / Roundup, Silencer  
 SOIL DESCRIPTION: Houdek-Stickney loam, well drained, no-till, non-irrigated  
 SOIL CONDITION: Moderate P, high K, 6.7 pH, 3% OM  
 PEST MANAGEMENT: Force, Balance Flexx, Roundup, Atrazine  
 FERTILITY - Applied N: 140 Spring  
 Applied N-P-K (units): 140-60-0

30" ROW SPACING

 SEEDED - RATE: May 18 27,700 /A  
 HARVESTED - STAND: Oct 10 25,000 /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
Wensman	W 7290VT3PRO	VT3P	AC,P5V	99	<b>94.1</b>	10.8	1	26.1	706	2
Wensman	W 7320VT3PRO	VT3P	AC,P5V	101	<b>93.1</b>	13.3	1	22.7	698	3
LG Seeds	LG2501VT3Pro	VT3P	AC,P5V	101	<b>90.7</b>	10.8	1	25.2	680	4
Pfister	1760VT3	VT3	AVC,C2	99	89.2	11.1	1	26.6	669	5
Renk	RK635VT3P	VT3P	AC,P2	102	88.6	10.6	1	25.6	665	6
Great Lakes	5015VT3PRO	VT3P	AC,P5V	100	88.1	11.7	1	22.7	661	7
Renk	RK629VT3P	VT3P	AC,P2	101	86.6	12.0	1	25.1	650	8
Gold Country	99-33GENVT3P	VT3P	AC,P5V	99	86.5	9.6	1	25.6	649	9
Gold Country	99-04GENVT3P	VT3P	AC,P5V	99	85.9	13.5	1	25.6	644	10
Titan Pro	2M01-3P	VT3P	AC,P5V	101	84.7	11.3	1	25.2	635	11
Pioneer	P9917AM1 GC	AM1,RR2	MQ,C2	99	83.4	10.6	1	21.3	626	12
LG Seeds	LG5499VT3Pro	VT3P	AC,P5V	100	81.5	11.4	1	26.1	611	13
NuTech	5N-001	3000GT	MQ,R,C2	101	80.6	11.3	2	24.2	605	14
Gold Country	100-95GENVT3P	VT3P	AC,P5V	100	79.9	10.0	1	24.2	599	15
Dekalb	DKC46-20 GC	VT3P	AC,P2	96	77.9	10.5	1	27.1	584	16
Kruger	K-7400	VT3P	AC,P5V	100	77.7	10.0	1	23.2	583	17
Kruger	K-7303	VT3P	AC,P5V	103	77.7	13.5	1	25.6	583	18
Producers	6044VT3Pro	VT3P	AC,P5V	102	77.3	10.3	1	23.7	580	19
Dairyland	DS6903	RR2	AVC,C2	103	77.3	13.1	1	26.1	580	20
G2 Genetics	5Z-802^	OI,RR2	MQ,R,P1V	102	76.7	10.5	1	24.2	575	21
Kruger	K-7600	VT3P	AC,P5V	100	76.7	12.8	1	25.2	575	22
Titan Pro	X2M04	VT2P	AC,P2	104	73.9	13.4	1	26.6	554	23
Producers	XP6104VT3Pro	VT3P	AC,P5V	101	73.7	11.1	1	27.6	553	24
Heine	741-3111	3111	AC,P2	104	71.8	10.1	1	23.7	539	25
G2 Genetics	5H-202^	HX,RR2	MQ,R,P1V	102	70.8	11.5	1	25.7	531	26
Pfister	1821SS	STX	AVC,C2	100	70.4	10.1	4	25.6	528	27
Kruger	KR-4104	VT2P-R	AC,P5V	104	69.9	11.9	1	26.1	524	28
Wensman	W 9325VT3PRO	VT3P	AC,P5V	102	69.4	11.6	1	26.1	521	29
G2 Genetics	5H-502^	HX,RR2	MQ,R,C2	102	69.3	10.6	1	24.7	520	30
Renze	2181-3000GT	3000GT	CE,C2	101	69.1	10.7	1	25.6	518	31
→ Dekalb	DKC52-04 CK	VT3P	AC,P2	102	<b>97.3</b>	11.2	1	24.7	730	1
Test Average =					<b>71.8</b>	<b>11.7</b>	<b>2</b>	<b>25.0</b>	<b>539</b>	
LSD (0.10) =					17.5	1.5	ns			
C.V. =					17.9	9.6				

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *When we planted, the soil was on the wet side as the wheat stubble retained moisture. In the early season test, most plants produced ears and had strong ear shanks at harvest. The full season test was more variable with smaller ears, more dropped ears, stalk lodging and barren plants. Lewis was pleasantly surprised to get 70 bpa the surrounding field.*

Lat: 43.5635, Long: -98.12398

Yield &amp; 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 ]**

Lewis Bainbridge, Davison County, SD 57334 [ ETHAN ]

**FULL SEASON TEST**

105 - 108 Day CRM

B2SDSE02b

 PREV. CROP/HERB: Wheat / Roundup, Silencer  
 SOIL DESCRIPTION: Houdek-Stickney loam, well drained, no-till, non-irrigated  
 SOIL CONDITIONS: Moderate P, high K, 6.7 pH, 3% OM  
 PEST MANAGEMENT: Force, Balance Flexx, Roundup, Atrazine  
 FERTILITY - Applied N: 140 Spring  
 Applied N-P-K (units): 140-60-0

30" ROW SPACING

 SEEDED - RATE: May 18 27,700 /A  
 HARVESTED - STAND: Oct 10 25,500 /A

TOP 29 OF 29 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	
Kruger	K-7306	VT3P	AC,P5V	106	<b>84.4</b>	14.2	1	25.2	633	1	
Kruger	KR-4207	VT2P-R	AC,P2	107	<b>80.5</b>	10.9	1	26.1	604	2	
G2 Genetics	5Z-407^	OI,RR2	MQ,R,P1V	107	<b>79.2</b>	12.3	1	25.2	594	3	
Renk	RK795VT3P	VT3P	AC,P2	108	74.3	14.7	17	23.2	557	5	
Wensman	W 7459VT3PRO	VT3P	AC,P5V	107	71.5	12.4	2	27.1	536	6	
Renk	RK752SSTX	STX	AC,P2	106	69.8	13.2	1	27.1	524	7	
LG Seeds	LG5533VT3Pro	VT3P	AC,P5V	107	66.3	12.2	1	27.6	497	8	
Producers	6884VT3Pro	VT3P	AC,P5V	108	65.7	11.3	1	26.1	493	9	
Renk	RK741SSTX RIB	STX-R	AC,P2	107	65.5	12.0	1	26.1	491	10	
Dairyland	DS6604	RR2	CE,C2	104	65.1	10.7	1	25.1	488	11	
Mustang	6808	STX	AC,P2	106	64.7	11.1	1	25.2	485	12	
Titan Pro	1M05-SS	STX	AC,P2	105	64.2	12.6	1	25.2	482	13	
G2 Genetics	5Z-008^	OI,RR2	MQ,R,P1V	108	62.9	13.3	1	26.1	472	14	
Curry	625-54^ GC	HX,RR2	CE,R,C2	105	62.8	10.8	1	26.1	471	15	
Kruger	K4R-9205	STX-R	AC,P5V	105	61.2	10.4	1	25.2	459	16	
Great Lakes	5785VT3PRO	VT3P	AC,P5V	107	60.1	11.1	1	24.7	451	17	
Wensman	W 7473VT3	VT3	AC,P5V	109	59.5	13.7	2	25.2	446	18	
G2 Genetics	5H-0504^	HX,RR2	MQ,R,P1V	105	59.4	11.5	1	25.7	446	19	
Titan Pro	2M07-SS	STX	AC,P5V	107	56.2	9.7	1	26.1	422	20	
Producers	6624VT3Pro	VT3P	AC,P5V	106	56.1	13.1	1	26.6	421	21	
G2 Genetics	5H-806^	HX,RR2	MQ,R,P1V	106	53.0	13.1	1	25.6	398	22	
Stine	9529VT3Pro	VT3P	AC,P2	107	50.7	13.6	4	22.8	380	23	
Curry	626-69^ GC	HX,RR2	CE,R,C2	106	50.2	12.0	17	24.2	377	24	
LG Seeds	LG2544VT3	VT3	AC,P5V	108	48.1	11.4	1	24.7	361	25	
Heine	810VT3P	VT3P	AC,P2	108	47.1	13.8	1	25.6	353	26	
Heine	799VT3Pro	VT3P	AC,P2	108	46.8	14.7	33	25.2	351	27	
Kruger	K-7907	VT3P	AC,P5V	107	39.2	11.2	1	26.6	294	28	
Heine	768-3000GT	3000GT	CE,C2	106	36.0	14.2	30	25.2	270	29	
Titan Pro	X2M08	VT3P	AC,P5V	108	28.9	12.7	46	25.7	217	30	
Row intentionally blank											
→	<b>Dekalb</b>	<b>DKC52-04 CK</b>	<b>VT3P</b>	<b>AC,P2</b>	<b>102</b>	<b>77.5</b>	<b>11.2</b>	<b>2</b>	<b>23.7</b>	<b>581</b>	<b>4</b>
					Test Average =	<b>60.2</b>	<b>12.3</b>	<b>6</b>	<b>25.5</b>	<b>452</b>	
					LSD (0.10) =	18.4	2.2	16			
					C.V. =	22.3	12.9				

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *When we planted, the soil was on the wet side as the wheat stubble retained moisture. In the early season test, most plants produced ears and had strong ear shanks at harvest. The full season test was more variable with smaller ears, more dropped ears, stalk lodging and barren plants. Lewis was pleasantly surprised to get 70 bpa the surrounding field.*

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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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- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Raxil®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
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- 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.
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