

2011 BETTER HYBRIDS Harvest Report for Nebraska South East [NESE]

Jon Schram, Sarpy County, NE 68028 [GRETNA]

EARLY SEASON TEST
107 - 112 Day CRM

B1NESE06a

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Kennebec silt loam, moderately drained, minimum w/o fall tillage, irrigated
 SOIL CONDITION: High P, high K, 6.3 pH, 2.5% OM
 PEST MANAGEMENT: Atrazine, Roundup, Callisto, Stratego
 FERTILITY - Applied N: 150 Fall,
 Applied N-P-K (units): 150-0-0

30" ROW SPACING

SEEDED - RATE: Apr 30 33,000 /A
 HARVESTED - STAND: Oct 25 31,100 /A

TOP 30 OF 36 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Taylor	8820	VT2P	P250	112	232.2	14.7	2.0	30.0	1,625.4	1
Dekalb	DKC62-97 GC	VT3P	P250	112	229.8	14.5	0.7	30.3	1,608.6	2
Stine	9732VT3Pro*	VT3P	C250	112	217.0	14.7	9.7	31.0	1,519.0	3
Kruger	K-7211	VT3P	P500,V	111	214.5	13.5	25.3	32.3	1,501.5	4
Taylor	1940	VT3	P250	112	213.9	14.0	3.0	29.7	1,497.3	5
Fielders Choice	NG6788	VT3	P250	111	211.3	14.2	1.0	32.7	1,479.1	6
Producers	7014VT3	VT3	P500,V	110	210.9	14.4	28.0	33.7	1,476.3	7
Fielders Choice	NG6798	VT3P	P250	112	209.3	14.1	6.3	30.3	1,465.1	8
Taylor	88A111*	VT2P	P250	111	209.0	14.2	11.0	33.0	1,463.0	9
Kruger	K-7611	VT3P	P500,V	111	208.6	14.0	9.7	29.7	1,460.2	10
Kruger	K4-9710	STX	P500,V	110	207.1	13.5	3.3	33.3	1,449.7	12
Garst	84U58-3111 GC	3111	C250	111	206.6	14.4	2.0	27.7	1,446.2	13
AgriGold	A6458VT3	VT3	P500,V	110	206.1	14.2	33.7	32.0	1,442.7	14
Taylor	88C112*	VT2P	P250	110	205.1	13.5	16.7	31.3	1,435.7	15
Fontanelle	8V437	VT3	P250	112	205.0	14.0	4.7	30.0	1,435.0	16
G2 Genetics	5H-712^*	HX,RR2	P1250,V	112	205.0	14.3	14.7	29.3	1,435.0	17
Kruger	K-4207	VT2P	P500,V	107	203.3	13.4	12.7	33.7	1,423.1	18
AgriGold	A6476VT3Pro	VT3P	P500,V	110	203.1	14.1	11.0	30.7	1,421.7	19
Channel	212-45STX	STX	P250	112	201.2	13.4	2.0	29.0	1,408.4	20
AgriGold	A6473STX	STX	P500,V	109	199.0	13.2	8.7	32.7	1,393.0	21
LG Seeds	LG2602VT3	VT3	P500,V	112	197.5	15.1	49.7	31.7	1,382.0	22
Stine	9731VT3Pro	VT3P	C250	110	197.1	13.6	12.7	30.0	1,379.7	23
G2 Genetics	5H-013^*	HX,RR2	P1250,V	113	194.1	14.0	19.0	33.3	1,358.7	24
G2 Genetics	5X-411^*	HXT,RR2	C250	111	191.8	14.2	20.7	32.0	1,342.6	25
Channel	210-61VT3	VT3	P250	110	187.5	13.6	22.7	33.7	1,312.5	26
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	187.1	13.5	3.0	27.7	1,309.7	27
NuTech	5N-1004*	3000GT	C250	110	186.4	13.7	21.7	32.0	1,304.8	28
Fielders Choice	NG6727	VT2P	P250	109	184.9	13.3	19.7	30.0	1,294.3	29
Garst	85V88-3000GT GC	3000GT	C250	107	182.7	13.7	11.0	27.7	1,278.9	30
LG Seeds	LG2555VT3	VT3	P500,V	110	182.6	14.8	64.7	31.7	1,278.2	31
Gateway	815 CK	VT3	P250	112	207.5	14.0	0.3	33.0	1,452.5	11
Test Average =					197.7	14.0	17.8	31.1	1,383.5	
LSD (0.10) =					20.0	1.0	17.3			
C.V. =					7.4	5.3				

TEST COMMENTS: This irrigated site started off with good but large varietal differences in emergence and vigor. There was 10-15% damage at V6 and there was significant lodging due to 60 mph winds that occurred in late June. Gray leaf spot was very heavy requiring a fungicide application. Yields still were very good.

Lat: N41.04119, Long: W-96.14631

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.00

[†] TECHNOLOGY: **Corn Borer** - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; **Corn Rootworm** - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; **Glyphosate** - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; **Liberty** - 3000GT, 3111, HX, HXT, LL, STX

^{††} IST: **AV** - Avicta, **C** - Cruiser, **P** - Poncho, **250, 500, and 1250** = 0.25, 0.5, and 1.25 g ai/seed, respectively; **V** - Votivo

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, * = brands without a seed lot number; **ns** = not significantly different

 Complete brands tested list & searchable database available at www.firstseedtests.com

AgSCI Copyright 2011

Report Date: 10/26/2011

Revised:

2011 BETTER HYBRIDS Harvest Report for Nebraska South East [NESE]

Jon Schram, Sarpy County, NE 68028 [GRETNA]

FULL SEASON TEST
113 - 116 Day CRM

B1NESE06b

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Kennebec silt loam, moderately drained, minimum w/o fall tillage, irrigated
 SOIL CONDITIONS: High P, high K, 6.3 pH, 2.5% OM
 PEST MANAGEMENT: Atrazine, Roundup, Callisto, Stratego
 FERTILITY - Applied N: 150 Fall,
 Applied N-P-K (units): 150-0-0

30" ROW SPACING

SEEDED - RATE: Apr 30 33,000 /A
 HARVESTED - STAND: Oct 25 30,900 /A

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

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	214-14VT3P	VT3P	P500,V	114	233.1	14.3	1.7	33.0	1,631.7	1
Kruger	K-7516	VT3P	P500,V	116	223.0	15.1	0.7	28.3	1,560.4	2
Kruger	K-7215	VT3P	P500,V	115	221.6	14.8	1.7	29.7	1,551.2	3
Pioneer	33D49 GC	HX,RR2	C250	115	221.0	15.3	6.3	30.7	1,545.3	5
Dekalb	DKC63-84 GC	VT3	P250	113	220.9	13.9	7.0	32.0	1,546.3	4
Pioneer	P1498HR GC	HX,RR2	P1250,V	114	219.4	15.2	3.7	29.0	1,534.7	6
Producers	7574VT3	VT3	P500,V	115	217.2	15.2	46.0	33.3	1,519.3	7
Fontanelle	8D912	VT3	P250	116	217.0	14.9	4.3	33.0	1,519.0	8
LG Seeds	LG2620VT3	VT3	P500,V	113	216.9	14.8	14.3	31.3	1,518.3	9
Channel	216-63VT3	VT3	P500,V	116	214.6	14.6	7.3	31.3	1,502.2	11
AgriGold	A6553VT3	VT3	P500,V	113	213.1	15.8	12.0	34.7	1,487.4	12
LG Seeds	LG2636VT3	VT3	P500,V	114	211.5	15.0	25.3	29.3	1,480.5	13
G2 Genetics	5H-513^*	HX,RR2	C250	113	208.8	14.9	4.3	32.3	1,461.6	14
G2 Genetics	5H-515^*	HX,RR2	C250	115	208.8	15.9	22.0	31.0	1,456.9	16
Kruger	K-7514	VT3P	P500,V	114	208.7	14.2	11.7	28.3	1,460.9	15
Kruger	K-7312	VT3P	P500,V	112	208.1	14.2	2.0	30.3	1,456.7	17
AgriGold	A6573VT3	VT3	P500,V	114	205.0	15.3	22.3	29.0	1,433.5	18
Stine	9808VT3Pro*	VT3P	C250	116	201.6	17.6	8.7	30.0	1,398.1	20
Fontanelle	8A818	STX	P500	115	200.9	14.1	3.7	32.0	1,406.3	19
NuTech	5V-813*	3111	C250	113	191.9	14.8	13.3	29.0	1,343.3	21
Dekalb	DKC65-63 GC	VT3	P250	115	191.9	14.2	25.3	30.7	1,343.3	22
NuTech	5V-514*	3111	C250	114	191.6	15.2	22.0	27.0	1,340.2	23
G2 Genetics	5H-716^*	HX,RR2	C250	116	191.5	15.3	11.3	28.0	1,339.1	24
Producers	7394VT3	VT3	P500,V	113	191.1	15.2	48.0	34.0	1,336.7	25
Stine	9806VT3Pro	VT3P	C250	114	189.2	16.6	5.7	30.7	1,316.8	26
Garst	83L67-3111	3111	C250	113	187.6	14.8	24.7	31.7	1,313.2	27
AgriGold	A6533VT3	VT3	P500,V	113	187.1	15.0	56.7	33.0	1,309.7	28
G2 Genetics	5X-1301^*	HXT,RR2	P1250,V	113	181.9	15.6	1.7	28.3	1,270.6	29
Fontanelle	8T468	VT3	P250	114	177.6	14.1	51.3	33.3	1,243.2	30
Row intentionally blank										
Gateway	815 CK	VT3	P250	112	216.5	13.6	1.7	31.7	1,515.5	10
Test Average =					205.6	15.0	15.6	30.9	1,439.2	
LSD (0.10) =					16.9	0.4	17.1			
C.V. =					6.0	1.9				

TEST COMMENTS: This irrigated site started off with good but large varietal differences in emergence and vigor. There was 10-15% damage at V6 and there was significant lodging due to 60 mph winds that occurred in late June. Gray leaf spot was very heavy requiring a fungicide application. Yields still were very good.

Lat: N41.04119, Long: W-96.14631

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.00

[†] TECHNOLOGY: Corn Borer - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; Corn Rootworm - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; Glyphosate - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; Liberty - 3000GT, 3111, HX, HXT, LL, STX

^{††} IST: AV - Avicta, C - Cruiser, P - Poncho, 250, 500, and 1250 = 0.25, 0.5, and 1.25 g ai/seed, respectively; V - Votivo

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, * = brands without a seed lot number, **ns** = not significantly different

 Complete brands tested list & searchable database available at www.firstseedtests.com

AgSCI Copyright 2011

Report Date: 10/26/2011

Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

Technologies

3000GT	Agrisure® 3000GT
3111	Agrisure® Viptera™ 3111
AMRW	Optimum® AcreMax™ Rootworm Protection
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink® herbicide tolerance
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STX	SmartStax®
STS	STS® herbicide tolerance
VT2P	Genuity® VT Double PRO™
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO™

Seed Treatments

A	Allegiance®
AC	Acceleron®
AM	ApronMaxx®
AP	Apron XL®
AV	Avicta®
C	Cruiser®
CM	CruiserMaxx®
E	Excalibre™
I	Inovate™ System
G	Gaicho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaicho®, LibertyLink®, Poncho®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Optimum® and AcreMax® are trademarks of Pioneer Hi-Bred.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent