

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

Rick Hazen, Johnson County, NE 68450 [COOK]

EARLY SEASON TEST
107 - 112 Day CRM

B1NESE03a

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Zook silty clay loam, mod. well drained, no-till, non-irrigated
 SOIL CONDITION: Moderate P, high K, 6.1 pH, 2.5% OM
 PEST MANAGEMENT: Corvus, Roundup
 FERTILITY - Applied N: 120 Spring,
 Applied N-P-K (units): 120-0-0

30" ROW SPACING

 SEEDED - RATE: May 4 25,500 /A
 HARVESTED - STAND: Oct 7 25,800 /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	171.7	14.7	0.0	26.0	1,201.9	1
Taylor	88A111*	VT2P	P250	111	163.7	14.6	0.3	26.7	1,145.9	2
Dekalb	DKC62-97 GC	VT3P	P250	112	161.8	14.8	0.0	25.7	1,132.6	3
Kruger	K-4207	VT2P	P500,V	107	157.8	13.2	0.0	27.0	1,104.6	4
Taylor	1940	VT3	P250	112	156.7	14.8	0.0	26.7	1,096.9	5
LG Seeds	LG2555VT3	VT3	P500,V	110	156.1	14.3	0.0	27.0	1,092.7	6
Kruger	K-7211	VT3P	P500,V	111	150.6	13.7	1.3	27.3	1,054.2	7
Channel	212-45STX	STX	P250	112	150.3	14.0	0.0	25.7	1,052.1	8
LG Seeds	LG2602VT3	VT3	P500,V	112	147.2	15.2	0.0	27.3	1,029.7	9
G2 Genetics	5H-013^*	HX,RR2	P1250,V	113	146.9	13.8	0.3	25.7	1,028.3	10
Fielders Choice	NG6705	STX	P250	108	146.7	12.9	0.0	27.3	1,026.9	11
Fielders Choice	NG6788	VT3	P250	111	145.2	13.7	0.0	26.0	1,016.4	12
NuTech	5N-1004*	3000GT	C250	110	144.8	13.9	0.0	26.0	1,013.6	13
Producers	7224VT3	VT3	P500,V	112	144.7	15.2	0.0	24.0	1,012.2	14
Fielders Choice	NG6798	VT3P	P250	112	143.7	13.9	0.3	24.7	1,005.9	15
Garst	85V88-3000GT GC	3000GT	C250	107	143.1	14.8	0.0	23.3	1,001.7	16
AgriGold	A6458VT3	VT3	P500,V	110	143.0	14.6	0.0	26.0	1,001.0	17
Kruger	K-7611	VT3P	P500,V	111	142.6	13.8	0.0	25.3	998.2	18
G2 Genetics	5H-712^*	HX,RR2	P1250,V	112	142.1	14.3	0.0	25.3	994.7	19
Taylor	88C112*	VT2P	P250	110	141.7	13.6	0.3	26.7	991.9	20
AgriGold	A6473STX	STX	P500,V	109	141.4	14.0	0.0	25.7	989.8	21
Fielders Choice	NG6727	VT2P	P250	109	141.2	13.3	0.0	26.0	988.4	22
Channel	210-61VT3	VT3	P250	110	141.2	14.6	0.0	26.7	988.4	23
Kruger	K4-9710	STX	P500,V	110	140.8	13.3	0.0	26.7	985.6	24
Stine	9732VT3Pro*	VT3P	C250	112	140.6	15.8	0.0	25.7	981.4	25
G2 Genetics	5X-411^*	HXT,RR2	C250	111	140.2	14.1	0.0	25.3	981.4	26
Fontanelle	8V437	VT3	P250	112	139.7	14.5	0.0	25.3	977.9	27
Garst	84U58-3111 GC	3111	C250	111	139.3	14.2	0.0	24.7	975.1	28
Stine	9729VT3Pro	VT3P	C250	110	139.2	14.8	0.0	27.0	974.4	29
AgriGold	A6476VT3Pro	VT3P	P500,V	110	137.1	13.1	0.0	26.0	959.7	31
Gateway	815 CK	VT3	P250	112	137.9	14.5	0.0	26.3	965.3	30
Test Average =					143.8	14.1	0.1	25.8	1,006.3	
LSD (0.10) =					17.4	0.9	0.6			
C.V. =					8.9	4.4				

TEST COMMENTS: *This trial had excellent emergence and a very good stand. However, rainfall was far below average through early August. Temperatures were above average in July and early August. These conditions had significant impact on pollination and ultimately hurt yields. No pest or disease issues observed here. One replication lost in the full season test*

Lat: N40.46698, Long: W-96.18079

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

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Report Date: 10/7/2011

Revised: 10/18/2011

All products were incorrectly identified in the 10/7 report, please discard it.

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

Rick Hazen, Johnson County, NE 68450 [COOK]

FULL SEASON TEST

113 - 116 Day CRM

B1NESE03b

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Zook silty clay loam, mod. well drained, no-till, non-irrigated
 SOIL CONDITIONS: Moderate P, high K, 6.1 pH, 2.5% OM
 PEST MANAGEMENT: Corvus, Roundup
 FERTILITY - Applied N: 120 Spring,
 Applied N-P-K (units): 120-0-0

30" ROW SPACING

 SEEDED - RATE: May 4 25,500 /A
 HARVESTED - STAND: Oct 7 25,300 /A

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

AVERAGE of (2) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	K-7215	VT3P	P500,V	115	148.6	15.5	0.0	25.5	1,038.3	1
Dekalb	DKC65-63 GC	VT3	P250	115	140.0	14.2	0.0	24.5	980.0	3
Kruger	K-7516	VT3P	P500,V	116	138.2	15.6	0.0	24.0	965.3	4
Kruger	K-7514	VT3P	P500,V	114	135.1	13.9	0.0	24.0	945.7	5
Stine	9808VT3Pro*	VT3P	C250	116	134.7	18.7	0.0	24.5	930.4	7
Pioneer	33D49 GC	HX,RR2	C250	115	134.5	15.9	0.0	26.5	938.5	6
AgriGold	A6573VT3	VT3	P500,V	114	132.9	15.1	0.0	26.0	930.0	8
LG Seeds	LG2620VT3	VT3	P500,V	113	132.7	15.0	0.0	27.0	928.9	9
Stine	9806VT3Pro	VT3P	C250	114	132.7	17.0	0.0	27.5	922.3	11
LG Seeds	LG2636VT3	VT3	P500,V	114	132.6	15.3	0.0	23.5	927.2	10
Garst	83L67-3111	3111	C250	113	131.4	15.4	0.0	26.5	918.5	12
Channel	214-14VT3P	VT3P	P500,V	114	130.1	14.0	0.0	26.5	910.7	13
Kruger	K-7312	VT3P	P500,V	112	129.1	13.9	0.0	24.0	903.7	14
Dekalb	DKC63-84 GC	VT3	P250	113	129.0	13.7	0.0	26.0	903.0	15
AgriGold	A6533VT3	VT3	P500,V	113	128.4	16.2	0.0	25.5	894.9	16
Channel	216-63VT3	VT3	P500,V	116	126.6	15.4	0.0	22.5	884.9	17
Producers	7394VT3	VT3	P500,V	113	124.8	14.8	0.0	24.0	873.6	18
G2 Genetics	5X-1301^*	HXT,RR2	P1250,V	113	124.2	15.9	0.0	25.5	866.6	19
G2 Genetics	5H-716^*	HX,RR2	C250	116	122.7	15.3	0.0	24.5	858.0	20
Fontanelle	8T468	VT3	P250	114	122.1	14.3	0.0	27.5	854.7	21
AgriGold	A6553VT3	VT3	P500,V	113	121.8	15.8	0.0	25.5	850.2	22
G2 Genetics	5H-513^*	HX,RR2	C250	113	119.3	14.9	0.0	26.5	835.1	23
Producers	7574VT3	VT3	P500,V	115	118.6	14.2	0.0	25.0	830.2	24
Pioneer	P1498HR GC	HX,RR2	P1250,V	114	117.5	14.5	0.0	26.0	822.5	25
Fontanelle	8D912	VT3	P250	116	117.1	14.9	0.0	26.5	819.7	26
NuTech	5V-514^*	3111	C250	114	116.2	15.2	0.5	24.5	812.8	27
G2 Genetics	5H-515^*	HX,RR2	C250	115	114.6	14.8	0.0	25.5	802.2	28
NuTech	5V-813^*	3111	C250	113	108.7	15.2	0.0	22.5	760.4	29
Fontanelle	8A818	STX	P500	115	103.6	16.4	0.0	25.0	721.6	30
Row intentionally blank										
Gateway	815 CK	VT3	P250	112	143.5	14.2	0.0	27.0	1,004.5	2
Test Average =					127.0	15.2	0.0	25.3	888.4	
LSD (0.10) =					20.2	1.5	0.2			
C.V. =					9.3	5.7				

TEST COMMENTS: This trial had excellent emergence and a very good stand. However, rainfall was far below average through early August. Temperatures were above average in July and early August. These conditions had significant impact on pollination and ultimately hurt yields. No pest or disease issues observed here. One replication lost in the full season test

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

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Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers 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	Gauche®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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