

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

Mike Pietzyk, Otoe County, NE 68324 [BURR]

EARLY SEASON TEST
107 - 112 Day CRM

B1NESE04a

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Wymore silty clay loam, mod. well drained, no-till, non-irrigated
 SOIL CONDITION: Moderate P, high K, 6.5 pH, 2.5% OM
 PEST MANAGEMENT: Atrazine, glyphosate
 FERTILITY - Applied N: 135 Fall,
 Applied N-P-K (units): 135-0-0

30" ROW SPACING

 SEEDED - RATE: May 4 25,500 /A
 HARVESTED - STAND: Oct 8 24,700 /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
AgriGold	A6476VT3Pro	VT3P	P500,V	110	169.5	13.6	0.3	24.7	1,186.5	1
Kruger	K-7611	VT3P	P500,V	111	166.9	12.7	0.0	26.0	1,168.3	2
Taylor	1940	VT3	P250	112	164.7	15.0	8.0	26.0	1,152.9	3
Channel	210-61VT3	VT3	P250	110	163.5	14.4	0.0	26.7	1,144.5	4
Producers	7014VT3	VT3	P500,V	110	162.8	13.8	6.3	26.0	1,139.6	5
NuTech	5B-1003*	GT/CB/LL	C250	110	161.6	13.4	0.3	26.7	1,131.2	6
Channel	212-45STX	STX	P250	112	160.7	15.0	4.7	24.3	1,124.9	7
Fielders Choice	NG6705	STX	P250	108	159.8	13.5	0.0	23.7	1,118.6	8
Taylor	88C112*	VT2P	P250	110	159.6	14.5	0.3	22.3	1,117.2	9
Stine	9729VT3Pro	VT3P	C250	110	158.6	13.9	0.7	23.0	1,110.2	10
AgriGold	A6473STX	STX	P500,V	109	158.2	14.1	4.7	26.0	1,107.4	11
Kruger	K4-9710	STX	P500,V	110	157.3	14.0	0.0	24.0	1,101.1	12
Dekalb	DKC62-97 GC	VT3P	P250	112	157.0	14.1	0.0	25.3	1,099.0	13
NuTech	5N-1004*	3000GT	C250	110	154.2	13.7	0.0	27.0	1,079.4	14
Kruger	K-4207	VT2P	P500,V	107	153.5	13.5	3.3	25.7	1,074.5	16
Fielders Choice	NG6798	VT3P	P250	112	153.2	13.9	8.7	27.0	1,072.4	17
G2 Genetics	5H-013^*	HX,RR2	P1250,V	113	151.2	13.0	0.0	26.7	1,058.4	18
Stine	9732VT3Pro*	VT3P	C250	112	150.4	13.1	0.7	26.0	1,052.8	19
Dekalb	DKC59-88 GC	VT3	P250	109	149.8	12.5	0.0	25.7	1,048.6	20
Taylor	8820	VT2P	P250	112	149.8	15.4	0.0	26.0	1,047.1	22
Garst	84U58-3111 GC	3111	C250	111	149.7	14.5	0.0	23.7	1,047.9	21
G2 Genetics	5X-411^*	HXT,RR2	C250	111	149.4	12.2	0.7	25.7	1,045.8	23
LG Seeds	LG2555VT3	VT3	P500,V	110	149.2	13.6	0.0	24.7	1,044.4	24
Stine	9731VT3Pro	VT3P	C250	110	148.4	14.0	0.0	22.3	1,038.8	25
Taylor	88A111*	VT2P	P250	111	148.1	14.1	0.0	25.0	1,036.7	26
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	145.3	14.2	0.0	22.0	1,017.1	27
Fontanelle	8V437	VT3	P250	112	144.6	13.7	2.0	24.0	1,012.2	28
Fielders Choice	NG6788	VT3	P250	111	144.3	13.4	0.3	24.7	1,010.1	29
AgriGold	A6458VT3	VT3	P500,V	110	141.6	12.9	0.3	25.0	991.2	30
Kruger	K-7211	VT3P	P500,V	111	141.6	13.9	6.7	20.7	991.2	31
Gateway	815 CK	VT3	P250	112	153.6	13.1	0.0	25.7	1,075.2	15
Test Average =					151.9	13.7	1.4	24.7	1,063.0	
LSD (0.10) =					14.2	0.9	3.8			
C.V. =					6.8	4.7				

TEST COMMENTS: *Excellent emergence and final stand. As in all the trials in S.E. Nebraska, yields were reduced significantly by above average temperatures in July and early August (especially the above average nighttime temperatures), and by very low rainfall.*
Pollination was poor. Full season test rejected due to an isolated area with reduced yield.

Lat: N40.54892, Long: W-96.27341

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

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FULL SEASON TEST

113 - 116 Day CRM

B1NESE04b

PREV. CROP/HERB: Soybean / Roundup
SOIL DESCRIPTION: Wymore silty clay loam, mod. well drained, no-till, non-irrigated
SOIL CONDITIONS: Moderate P, high K, 6.5 pH, 2.5% OM
PEST MANAGEMENT: Atrazine, glyphosate
FERTILITY - Applied N: 135 Fall,
Applied N-P-K (units): 135-0-0

30" ROW SPACING

SEEDED - RATE: May 4 25,500 /A
HARVESTED - STAND: Oct 8 24,500 /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
G2 Genetics	5H-716*	HX,RR2	C250	116	174.3	14.6	0.3	24.3	1,220.1	1
LG Seeds	LG2620VT3	VT3	P500,V	113	171.0	14.7	0.0	25.3	1,197.0	2
Pioneer	P1498HR GC	HX,RR2	P1250,V	114	167.6	14.8	1.3	23.7	1,173.2	3
Channel	216-63VT3	VT3	P500,V	116	167.1	14.5	0.0	25.7	1,169.7	4
Garst	83L67-3111	3111	C250	113	166.8	15.2	5.7	26.0	1,166.8	5
Fontanelle	8A818	STX	P500	115	164.7	15.3	0.3	25.7	1,150.8	6
Kruger	K-7312	VT3P	P500,V	112	164.6	15.9	0.0	22.3	1,148.5	7
NuTech	5V-514*	3111	C250	114	163.3	15.1	0.0	24.7	1,142.7	8
Kruger	K-7215	VT3P	P500,V	115	162.8	13.2	0.0	24.3	1,139.6	10
AgriGold	A6553VT3	VT3	P500,V	113	162.6	14.7	0.0	24.7	1,138.2	11
NuTech	5V-813*	3111	C250	113	162.1	14.7	0.0	23.3	1,134.7	12
Stine	9806VT3Pro	VT3P	C250	114	161.7	13.8	1.3	23.3	1,131.9	13
Kruger	K-7516	VT3P	P500,V	116	161.4	14.6	0.3	26.0	1,129.8	14
Dekalb	DKC63-84 GC	VT3	P250	113	161.0	13.3	0.7	23.7	1,127.0	15
Channel	214-14VT3P	VT3P	P500,V	114	159.1	15.3	0.3	24.3	1,112.5	16
Stine	9808VT3Pro*	VT3P	C250	116	157.2	14.8	0.7	23.3	1,100.4	17
Kruger	K-7514	VT3P	P500,V	114	156.0	16.4	0.0	24.0	1,086.5	18
AgriGold	A6573VT3	VT3	P500,V	114	154.6	14.4	0.3	26.3	1,082.2	19
Dekalb	DKC65-63 GC	VT3	P250	115	154.4	14.7	0.0	25.7	1,080.8	20
LG Seeds	LG2686VT3	VT3	P500,V	114	153.4	14.9	0.0	25.0	1,073.8	21
G2 Genetics	5H-515*	HX,RR2	C250	115	151.9	18.9	1.3	23.7	1,048.5	22
Producers	7574VT3	VT3	P500,V	115	150.3	17.5	2.7	25.0	1,042.7	24
G2 Genetics	5X-1301**	HXT,RR2	P1250,V	113	149.8	15.3	0.7	24.0	1,047.5	23
Producers	7394VT3	VT3	P500,V	113	148.8	14.8	0.0	21.3	1,041.6	25
AgriGold	A6533VT3	VT3	P500,V	113	146.6	14.5	0.0	24.3	1,026.2	26
Pioneer	33D49 GC	HX,RR2	C250	115	145.6	15.2	0.0	26.3	1,018.5	27
G2 Genetics	5H-513**	HX,RR2	C250	113	145.3	14.7	0.0	24.3	1,017.1	28
Fontanelle	8T468	VT3	P250	114	145.3	15.8	0.0	21.7	1,014.2	29
Fontanelle	8D912	VT3	P250	116	142.0	15.2	1.7	25.3	993.3	30
Row intentionally blank										
Gateway	815 CK	VT3	P250	112	162.9	13.5	0.0	26.7	1,140.3	9
Test Average =					157.8	15.0	0.6	24.5	1,104.6	
LSD (0.10) =					20.0	0.8	1.5			
C.V. =					9.3	4.0				

TEST COMMENTS: Excellent emergence and final stand. As in all the trials in S.E. Nebraska, yields were reduced significantly by above average temperatures in July and early August (especially the above average nighttime temperatures), and by very low rainfall.

Pollination was poor. Full season test rejected due to an isolated area with reduced yield.

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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

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



Footnotes, Abbreviations, and Trademarks

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^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	Gaicho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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