

2011 BETTER HYBRIDS Harvest Report for Minnesota South East [MNSE]
 Arthur & Paul Wendt, Olmsted County, MN 55934 [EYOTA]

EARLY SEASON TEST
95 - 100 Day CRM

B1MNSE03a

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Mt. Carroll silt loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.6 pH, 3.3% OM
 PEST MANAGEMENT: Force, Harness, Roundup
 FERTILITY - Applied N: 150 Spring,
 Applied N-P-K (units): 150-60-60

30" ROW SPACING

 SEEDED - RATE: May 4 35,680 /A
 HARVESTED - STAND: Oct 24 32,900 /A

 TOP 30 OF 72 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	
Producers	6044VT3	VT3	P250	100	229.5	16.2	0.3	34.8	1,370.1	1	
LG Seeds	LG2501VT3Pro	VT3P	P500,V	100	228.9	15.8	0.0	34.4	1,368.8	2	
Trelay	5VP688	VT3P	P500,V	101	228.2	15.4	0.0	33.4	1,366.9	3	
Viking	Y84-00RL	3000GT	C250	100	227.7	16.0	0.0	33.9	1,360.5	4	
Wensman	W 7290VT3PRO	VT3P	P250	99	224.9	15.3	0.0	34.8	1,347.7	5	
G2 Genetics	5H-0101 [^]	HX,RR2	P1250,V	100	223.8	15.5	0.0	33.9	1,340.0	6	
Gold Country	95-15	STX	P500,V	95	222.7	16.1	0.0	28.3	1,330.1	7	
Channel	197-32VT3P	VT3P	P500,V	97	221.5	15.4	0.0	33.0	1,326.8	8	
Viking	C44-95R	VT3P	C250	96	221.0	14.7	0.0	34.4	1,326.0	9	
Jung	7V429	VT3P	P500	96	220.7	14.5	0.0	34.8	1,324.2	10	
Kruger	K-7495	VT3P	P500,V	95	220.5	14.8	0.0	32.5	1,323.0	11	
LG Seeds	LG2468VT3	VT3	P500,V	97	220.5	14.9	0.0	34.8	1,323.0	12	
NuTech	5N-001*	3000GT	C250	100	220.1	15.9	0.0	31.6	1,315.6	15	
Mustang	4404	3000GT	P500,V	95	220.0	15.3	0.0	34.4	1,318.4	13	
Wensman	W 7270VT3PRO	VT3P	P250	97	219.3	14.8	0.0	34.4	1,315.8	14	
Renk	RK580VT3	VT3	P250	98	219.1	15.2	0.3	32.5	1,313.5	16	
Pioneer	P9910AM1 GC	HXT,RR2	C250	99	218.9	15.4	0.0	34.4	1,311.2	17	
Anderson	628VT3	VT3	C250	96	216.7	14.6	0.0	33.0	1,300.2	18	
LG Seeds	LG2478VT3Pro	VT3P	P500,V	97	216.5	14.6	0.0	33.9	1,299.0	19	
Dekalb	DKC48-12 GC	STX	P500,V	98	215.7	15.0	0.0	31.6	1,294.2	21	
AgriGold	A6203VT3	VT3	P500,V	96	215.6	14.7	0.0	33.4	1,293.6	22	
Jung	7S435	STX	P500	97	214.5	16.3	0.0	31.6	1,280.0	24	
Mustang	5808	STX	P500,V	98	214.1	15.4	0.0	34.4	1,282.5	23	
Kruger	K4-9100	STX	P500,V	100	214.1	16.0	0.0	33.4	1,279.2	25	
Gold Country	96-20	VT3P	P250	96	212.9	14.8	0.0	30.1	1,277.4	26	
CBseed	CB4444GT	GT	C250	97	212.9	15.3	0.3	35.3	1,275.8	27	
Mustang	4689	VT3	P500,V	95	212.7	15.3	0.0	33.4	1,274.6	28	
AgriGold	A6225VT3	VT3	P500,V	98	212.3	15.6	0.0	26.4	1,270.6	29	
Fielders Choice	NG6514	STX	P250	98	212.2	15.8	0.0	33.9	1,269.0	30	
Titan Pro	80A00GL	3000GT	C250	100	211.5	15.3	0.0	34.4	1,267.4	31	
Dekalb	DKC50-66 CK	VT3	n/a	100	216.2	15.2	0.0	34.4	1,296.1	20	
					Test Average =	210.5	15.5	0.1	32.9	1,260.5	
					LSD (0.10) =	13.1	0.6	ns			
					C.V. =	4.6	3.1				


 F.I.R.S.T. Manager

TEST COMMENTS: *Cool, wet conditions slowed early growth through June. July brought warm, humid weather that was conducive to good pollination. August stayed warm, but lack of moisture eventually caused some kernel tip-back. Paul reports that he is quite pleased with his corn yields, and soybean yields in this area were some of the best in MN this year.*
 Lat: N43.97716, Long: W-92.24431

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$6.00

[†] 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: 10/25/2011

Revised:

2011 BETTER HYBRIDS Harvest Report for Minnesota South East [MNSE]

Arthur & Paul Wendt, Olmsted County, MN 55934 [EYOTA]

FULL SEASON TEST
101 - 104 Day CRM

B1MNSE03b

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Mt. Carroll silt loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.6 pH, 3.3% OM
 PEST MANAGEMENT: Force, Harness, Roundup
 FERTILITY - Applied N: 150 Spring,
 Applied N-P-K (units): 150-60-60

30" ROW SPACING

 SEEDED - RATE: May 4 35,680 /A
 HARVESTED - STAND: Oct 24 34,800 /A

 TOP 30 OF 54 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	A6276VT3	VT3	P500,V	101	232.7	17.0	0.0	35.1	1,384.6	1
AgriGold	A6323GT3	3000GT	P500,V	103	228.8	17.3	0.0	35.6	1,359.6	2
Channel	201-16VT3	VT3	P500,V	101	228.7	17.2	0.0	35.6	1,359.6	3
Wensman	W 7360VT3	VT3	P250	103	228.2	16.9	0.0	34.6	1,358.4	4
Kruger	K-6201VT3	VT3	P500,V	101	227.8	17.6	0.7	35.6	1,352.0	5
G2 Genetics	5X-903^	HXT,RR2	P1250,V	103	225.7	17.7	0.0	35.1	1,339.0	7
Dekalb	DKC51-85 GC	STX	P500,V	101	225.2	16.9	0.0	34.1	1,340.5	6
Trelay	6VT154	VT3	P500,V	102	224.5	17.4	0.0	35.1	1,333.5	8
Gold Country	103-09	VT3	P250	103	223.6	18.5	0.0	34.6	1,322.0	11
Channel	203-43VT3P	VT3P	P500,V	103	222.8	16.1	0.3	35.1	1,330.7	9
Viking	Y54-04RL	3000GT	C250	104	222.8	16.8	0.0	32.2	1,326.8	10
Producers	6364GT3	3000GT	P500,V	103	220.9	17.3	0.0	36.6	1,312.7	13
Wensman	W 7392GT3	3000GT	P250	104	220.5	18.2	0.0	35.6	1,305.4	16
Kruger	K-4104	VT2P	P500,V	104	220.3	17.3	0.0	35.6	1,309.1	15
Renk	RK698VT3	VT3	P250	102	220.0	16.3	0.0	33.6	1,312.9	12
LG Seeds	LG2510STX	STX	P500,V	103	219.8	16.5	0.0	34.6	1,310.6	14
Gold Country	101-99	STX	P250	104	219.8	18.6	0.0	34.1	1,299.0	21
Jung	7S555	STX	P500	102	219.6	17.7	0.0	34.6	1,302.8	19
Jung	7475VT3	VT3	P500	100	219.4	17.0	0.0	36.1	1,305.4	17
Trelay	6ST576	STX	P500,V	104	218.8	17.8	0.0	33.2	1,297.5	23
Kruger	K4-9302	STX	P500,V	102	218.4	17.7	0.0	36.1	1,295.7	24
Kruger	K-6102VT3	VT3	P500,V	102	218.0	15.9	0.0	36.1	1,303.1	18
Dairyland	ST-9799	VT3	C250	99	217.8	16.2	0.0	34.1	1,300.3	20
Jung	7V546	VT3P	P500	102	217.8	16.5	0.0	33.6	1,298.6	22
AgriGold	A6319VT3Pro	VT3P	P500,V	103	217.2	16.8	0.0	35.1	1,293.4	25
Dekalb	DKC53-78 GC	STX	n/a	103	217.0	17.7	0.0	36.6	1,287.4	27
Channel	202-32STX	STX	P500,V	102	216.5	16.8	0.0	35.6	1,289.3	26
Titan Pro	80A05GL	3000GT	C250	105	216.3	17.9	0.0	33.6	1,282.1	28
G2 Genetics	5H-502^*	HX,RR2	C250	102	215.7	18.0	0.0	34.6	1,278.0	29
Wensman	W 7320VT3PRO	VT3P	P250	101	214.7	17.2	0.0	32.7	1,276.4	30
Dekalb	DKC50-66 CK	VT3	n/a	100	210.3	16.2	0.0	35.1	1,255.5	38
Test Average =					214.1	17.1	0.1	34.8	1,273.0	
LSD (0.10) =					14.0	0.6	0.5			
C.V. =					4.8	2.6				


 F.I.R.S.T. Manager

TEST COMMENTS: *Cool, wet conditions slowed early growth through June. July brought warm, humid weather that was conducive to good pollination. August stayed warm, but lack of moisture eventually caused some kernel tip-back. Paul reports that he is quite pleased with his corn yields, and soybean yields in this area were some of the best in MN this year.*

Lat: N43.97716, Long: W-92.24431

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$6.00

[†] 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: 10/25/2011

Revised:



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	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