


2012 BETTER HYBRIDS Harvest Report for Minnesota Southeast [MNSE]

Brian Herbst, Dodge County, MN 55944 [KASSON]

EARLY SEASON TEST
95 - 100 Day CRM

PREV. CROP/HERB: Corn / Roundup, Halex GT B2MNSE16a
 SOIL DESCRIPTION: Readlyn silt loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.9 pH, 3.2% OM
 PEST MANAGEMENT: Force, Halex GT, Status 30" ROW SPACING
 FERTILITY - Applied N: 162 Spring
 Applied N-P-K (units): 162-30-110
 SEEDED - RATE: Apr 24 35,000 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 21 33,700 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LG Seeds	LG5444VT3Pro	VT3P	AC,P5V	96	245.1	17.3	0	35.3	1,824	1
G2 Genetics	5X-0004^	HXT,RR2	MQ,R,P1V	100	242.4	21.8	0	33.4	1,777	2
G2 Genetics	5Z-198^	OI,RR2	MQ,R,P1V	98	238.3	16.9	1	30.5	1,776	3
LG Seeds	LG5499VT3Pro	VT3P	AC,P5V	100	237.9	18.3	10	33.9	1,765	4
Renk	RK568VT3P	VT3P	AC,P2	95	236.1	17.6	0	34.3	1,755	5
Wensman	W 9288VT3PRO	VT3P	AC,P5V	98	233.9	17.8	1	32.4	1,738	6
Pioneer	P9917AM1 GC	AM1,RR2	MQ,C2	99	231.9	18.5	46	33.4	1,719	8
Channel	197-32VT3P	VT3P	AC,P5V	97	231.3	17.7	3	36.3	1,719	7
AgriGold	A6252VT3Pro	VT3P	AC,P5V	100	229.7	17.6	3	31.4	1,708	9
Renk	RK598VT3P	VT3P	AC,P2	100	228.9	17.4	8	36.8	1,703	10
Producers	5514VT3Pro	VT3P	AC,P5V	95	227.5	16.8	0	35.8	1,696	11
Channel	197-67VT3P	VT3P	AC,P5V	97	227.3	17.8	4	33.4	1,689	13
Channel	200-91VT3P	VT3P	AC,P5V	100	226.6	18.4	2	33.4	1,680	15
Dekalb	DKC50-77 GC	VT3P	AC,P2	100	226.0	17.3	0	31.9	1,682	14
Kruger	K-7696	VT3P	AC,P5V	97	225.7	15.6	18	33.4	1,689	12
Viking	D71-01RL	STX	AC,P2	100	224.7	17.0	10	33.9	1,674	16
Trelay	5VP925	VT3P	AC,P5V	100	224.7	17.3	3	31.4	1,672	17
NuTech	5N-197	3000GT	MQ,R,C2	97	224.7	17.3	54	32.9	1,672	18
Titan Pro	X2M95	VT3P	AC,P5V	95	224.7	18.1	3	35.8	1,668	20
AgriGold	A6256STXRIB	STX-R	AC,P5V	100	224.4	18.0	7	31.9	1,666	21
Jung	7V457	VT3P	AC,P5V	98	224.1	17.2	1	31.9	1,668	19
Dekalb	DKC46-20 GC	VT3P	AC,P2	96	222.2	16.8	0	32.4	1,657	22
Titan Pro	X2M00	VT3P	AC,P2	100	221.9	17.2	5	35.8	1,652	24
Stine	9422VT3Pro	VT3P	AC,P2	96	221.8	17.2	0	36.3	1,651	25
AgriGold	A6203VT3	VT3	AC,P5V	97	221.5	17.1	1	34.3	1,650	27
Gold Country	95-33GENVT3P	VT3P	AC,P5V	95	221.4	16.5	2	33.9	1,652	23
Titan Pro	1M99	RR2	AC,P2	99	220.1	17.2	34	34.4	1,639	29
Trelay	4VP641	VT3P	AC,P5V	97	219.8	17.2	0	30.9	1,636	30
Terning	TS8245	3000GT	CE,C2	95	219.6	16.5	0	35.3	1,639	28
Trelay	4ST644RIB	VT3P-R	AC,P5V	96	219.1	17.3	0	33.8	1,631	31
Dekalb	DKC50-66 CK	VT3	AC,P2	100	221.5	16.8	0	37.3	1,651	26
Test Average =					217.6	17.2	11	33.7	1,620	
LSD (0.10) =					18.0	1.0	18			
C.V. =					6.1	4.3				


 F.I.R.S.T. Manager

TEST COMMENTS: *Planting conditions were excellent, but heavy rains in May caused some soil erosion on this almost level site. Rainfall was still good in June. July and August were a bit wetter here than in other parts of MN, with enough rain for good seed fill. Some hybrids experienced severe lodging (mostly stalk, but some root lodging as well), while others stood very well.* Lat: 44.021906, Long: -92.727274

Yield & 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 Minnesota Southeast [MNSE]

Brian Herbst, Dodge County, MN 55944 [KASSON]

FULL SEASON TEST
101 - 104 Day CRM

B2MNSE16b

PREV. CROP/HERB: Corn / Roundup, Halex GT

SOIL DESCRIPTION: Readlyn silt loam, well drained, conventional w/ fall till, non-irrigated

SOIL CONDITIONS: High P, high K, 6.9 pH, 3.2% OM

PEST MANAGEMENT: Force, Halex GT, Status

30" ROW SPACING

FERTILITY - Applied N: 162 Spring

Applied N-P-K (units): 162-30-110

SEEDED - RATE: Apr 24 35,000 /A

TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Sep 21 33,200 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Viking	C78-04R	VT3P	AC,P2	104	246.9	19.7	100	35.3	1,823	1
Kruger	K-6201VT3	VT3	AC,P5V	101	242.3	20.8	41	34.4	1,782	2
G2 Genetics	5H-202^	HX,RR2	MQ,R,P1V	102	235.9	18.6	24	34.3	1,748	3
Titan Pro	81A04GL	3000GT	MQ,C2	104	233.7	22.3	43	33.9	1,710	5
LG Seeds	LG2501VT3Pro	VT3P	AC,P5V	101	230.6	17.5	26	34.4	1,715	4
Dekalb	DKC52-59 GC	VT3	AC,P2	102	228.8	18.7	10	31.9	1,695	6
Dekalb	DKC52-04 GC	VT3P	AC,P2	102	227.3	18.9	19	34.3	1,683	7
Channel	202-25VT3P	VT3P	AC,P5V	102	226.7	18.3	57	34.8	1,682	8
G2 Genetics	5Z-802^	OI,RR2	MQ,R,P1V	102	226.6	18.8	3	26.1	1,678	9
Mustang	6460	3000GT	AC,P2	103	225.2	19.5	49	32.9	1,664	10
Trelay	5VP688	VT3P	AC,P5V	101	224.7	19.4	49	34.8	1,661	11
Pioneer	P0533AM1 GC	AM1,RR2	MQ,C2	105	224.0	21.1	54	30.0	1,646	15
Producers	XP6104VT3Pro	VT3P	AC,P5V	101	223.8	18.3	20	31.9	1,660	12
NuTech	5N-803	3000GT	MQ,R,C2	103	223.7	19.4	67	35.8	1,653	14
Kruger	KR-4104	VT2P-R	AC,P5V	104	223.6	20.9	27	34.3	1,644	16
Titan Pro	2M01-3P	VT3P	AC,P5V	101	223.2	18.4	12	34.8	1,655	13
Dekalb	DKC53-78RIB GC	STX-R	AC,P2	103	222.0	20.5	30	32.4	1,635	21
Viking	C94-01R	VT3P	AC,P2	101	221.3	18.4	2	33.4	1,641	17
Renk	RK629VT3P	VT3P	AC,P2	101	221.3	19.1	7	31.0	1,637	19
Anderson	537VT3P	VT3P	CE,C2	101	220.7	18.4	12	34.3	1,637	20
Titan Pro	1M02-SS	STX	AC,P2	102	220.5	17.7	44	30.0	1,639	18
Wensman	W 9325VT3PRO	VT3P	AC,P5V	102	220.5	18.6	41	31.9	1,634	22
G2 Genetics	5H-502^	HX,RR2	MQ,R,C2	102	220.2	18.7	0	32.9	1,631	23
Wensman	W 7320VT3PRO	VT3P	AC,P5V	101	219.1	20.6	2	35.8	1,613	26
LG Seeds	LG5522VT3Pro	VT3P	AC,P5V	103	218.9	19.4	6	33.9	1,618	24
AgriGold	A6319VT3Pro	VT3P	AC,P5V	103	217.7	20.9	7	31.4	1,601	29
Wensman	W 7330VT3	VT3	AC,P5V	103	217.5	18.2	6	28.5	1,614	25
AgriGold	A6323GT3	3000GT	AC,P5V	103	217.5	20.2	82	32.9	1,603	27
NuTech	5N-001	3000GT	MQ,R,C2	101	216.9	19.4	62	32.9	1,603	28
Dairyland	DS6604	RR2	CE,C2	104	215.9	19.1	30	29.5	1,597	30
Dekalb	DKC50-66 CK	VT3	AC,P2	100	211.6	16.8	1	32.4	1,578	31
Test Average =					215.4	19.6	44	33.2	1,590	
LSD (0.10) =					16.9	1.6	31			
C.V. =					5.8	6.1				



F.I.R.S.T. Manager

TEST COMMENTS: *Planting conditions were excellent, but heavy rains in May caused some soil erosion on this almost level site. Rainfall was still good in June. July and August were a bit wetter here than in other parts of MN, with enough rain for good seed fill. Some hybrids experienced severe lodging (mostly stalk, but some root lodging as well), while others stood very well.* Lat: 44.021906, Long: -92.727274

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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	Accelaron® 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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