

2012 BETTER HYBRIDS Harvest Report for Minnesota Southeast [MNSE]

Marc Hernke, Goodhue County, MN 55009 [CANNON FALLS]

EARLY SEASON TEST
95 - 100 Day CRM

PREV. CROP/HERB: Corn / Roundup, Callisto B2MNSE15a
 SOIL DESCRIPTION: Port Byron-Joy silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 7 pH, 3.2% OM
 PEST MANAGEMENT: Force, Roundup WeatherMax, Callisto 30" ROW SPACING
 FERTILITY - Applied N: 200 Fall
 Applied N-P-K (units): 200-190-160
 SEEDED - RATE: Apr 26 35,000 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 10 30,100 /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
Prairie Brand	992SX	STX	AVC,C2	99	235.3	13.8	0	26.6	1,765	1
LG Seeds	LG5499VT3Pro	VT3P	AC,P5V	100	231.8	14.2	0	33.4	1,739	2
LG Seeds	LG5470VT3Pro	VT3P	AC,P5V	98	229.1	13.7	0	31.0	1,718	3
Prairie Brand	981VT3	VT3	AVC,C2	99	224.5	14.2	0	32.4	1,684	4
G2 Genetics	5X-0004^	HXT,RR2	MQ,R,P1V	100	223.0	14.7	0	26.6	1,673	5
Producers	XP5894VT3Pro	VT3P	AC,P5V	98	222.7	13.8	0	30.0	1,670	6
Channel	200-91VT3P	VT3P	AC,P5V	100	222.7	15.1	0	32.4	1,670	7
Stine	9422VT3Pro	VT3P	AC,P2	96	222.5	13.6	0	32.9	1,669	8
Terning	TS8396-3111	3111	MQ,C2	98	222.2	14.6	0	31.9	1,667	9
Kruger	K-7195	VT3P	AC,P5V	95	220.8	13.4	0	35.3	1,656	10
Wensman	W 9288VT3PRO	VT3P	AC,P5V	98	220.0	13.9	0	34.4	1,650	11
Dyna-Gro	D37VP71	VT3P	AC,P2	97	219.7	13.4	0	31.9	1,648	12
Kruger	K-7696	VT3P	AC,P5V	97	219.5	13.3	0	30.5	1,646	13
Anderson	689R	RR2	MX,D	95	218.1	13.6	0	32.9	1,636	14
Viking	Y84-00RL	3000GT	MQ,C2	100	217.7	14.4	0	27.6	1,633	15
Wensman	W 7290VT3PRO	VT3P	AC,P5V	99	216.9	13.7	0	29.0	1,627	16
Mustang	5808	STX	AC,P2	98	216.9	14.5	0	31.4	1,627	17
Kruger	K4R-9495	STX-R	AC,P5V	95	216.8	13.6	0	31.9	1,626	18
Dekalb	DKC46-20 GC	VT3P	AC,P2	96	216.4	13.5	0	32.4	1,623	19
Gold Country	95-33GENVT3P	VT3P	AC,P5V	95	215.7	13.5	0	36.3	1,618	20
NuTech	5N-798	3000GT	MX,C2	98	214.6	14.1	0	27.1	1,610	21
Renk	RK598VT3P	VT3P	AC,P2	100	214.1	13.4	0	31.9	1,606	22
Trelay	4ST644RIB	VT3P-R	AC,P5V	96	214.0	13.6	0	32.4	1,605	23
Viking	D71-01RL	STX	AC,P2	100	213.8	13.4	0	32.9	1,604	24
Wensman	W 7268VT3	VT3	AC,P5V	96	213.0	13.6	0	31.9	1,598	25
G2 Genetics	5H-399^	HX,RR2	MQ,R,P1V	99	213.0	14.2	0	28.5	1,598	26
Producers	5514VT3Pro	VT3P	AC,P5V	95	212.6	13.5	0	35.3	1,595	27
Jung	7S429RIB	STX-R	AC,P5V	96	211.8	13.5	0	32.9	1,589	28
Channel	197-67VT3P	VT3P	AC,P5V	97	211.1	13.8	0	35.8	1,583	29
Titan Pro	1M96-3P	VT3P	AC,P2	96	209.4	13.5	0	32.9	1,571	30
Dekalb	DKC50-66 CK	VT3	AC,P2	100	195.9	13.5	0	27.6	1,469	49
Test Average =					203.4	13.8	0	30.1	1,525	
LSD (0.10) =					19.3	0.3	ns			
C.V. =					7.0	1.7				



F.I.R.S.T. Manager

TEST COMMENTS: *Early season growth was excellent due to 6.9" of rain in May. Cannon Falls received 12.2" rain in June, 3.7" in July and 4" in August. Final stands were a bit inconsistent at this corn on corn site, but lodging scores were very low, even at this late harvest date.*

Lat: 44.391513, Long: -92.84742

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

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

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Report Date: 10/15/2012

Revised:

2012 BETTER HYBRIDS Harvest Report for Minnesota Southeast [MNSE]

Marc Hernke, Goodhue County, MN 55009 [CANNON FALLS]

FULL SEASON TEST
101 - 104 Day CRM

B2MNSE15b

PREV. CROP/HERB: Corn / Roundup, Callisto
 SOIL DESCRIPTION: Port Byron-Joy silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 7 pH, 3.2% OM
 PEEL MANAGEMENT: Force, Roundup WeatherMax, Callisto
 FERTILITY - Applied N: 200 Fall
 Applied N-P-K (units): 200-190-160


30" ROW SPACING

SEEDED - RATE: Apr 26 35,000 /A
 HARVESTED - STAND: Oct 10 30,100 /A

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

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Titan Pro	81A04GL	3000GT	MQ,C2	104	254.4	15.1	0	33.4	1,907	1
Viking	C78-04R	VT3P	AC,P2	104	249.0	14.4	0	36.3	1,868	2
AgriGold	A6323GT3	3000GT	AC,P5V	103	240.2	15.5	0	32.4	1,799	3
G2 Genetics	5H-202^	HX,RR2	MQ,R,P1V	102	237.3	14.8	0	31.9	1,780	4
Wensman	W 9325VT3PRO	VT3P	AC,P5V	102	237.2	14.4	0	34.3	1,779	5
Channel	202-32STX	STX	AC,P5V	104	234.4	15.5	0	32.9	1,755	7
Dairyland	DS9501SSX	STX	AVC,C2	101	234.3	13.9	0	32.4	1,757	6
NuTech	5B-604	GT/CB/LL	MQ,R,C2	104	233.4	15.2	0	31.9	1,749	8
Kruger	K4R-9302	STX-R	AC,P5V	102	231.0	14.6	0	33.9	1,733	9
Producers	XP6104VT3Pro	VT3P	AC,P5V	101	229.8	14.2	0	33.8	1,724	10
NuTech	5N-803	3000GT	MQ,R,C2	103	228.1	14.8	0	32.9	1,711	11
Channel	202-25VT3P	VT3P	AC,P5V	102	226.9	14.2	0	31.9	1,702	12
Channel	203-43VT3P	VT3P	AC,P5V	103	225.9	14.7	0	30.9	1,694	13
Mustang	6804	STX	AC,P2	104	225.7	15.7	0	31.9	1,689	14
Pioneer	P0533AM1 GC	AM1,RR2	MQ,C2	105	223.4	15.0	0	32.4	1,676	15
Trelay	6ST576RIB	STX-R	AC,P5V	104	223.1	15.6	0	29.5	1,670	16
Wensman	W 7330VT3	VT3	AC,P5V	103	221.8	14.8	0	31.0	1,664	17
G2 Genetics	5Z-802^	OI,RR2	MQ,R,P1V	102	221.7	15.1	0	27.1	1,662	18
Dekalb	DKC52-04 GC	VT3P	AC,P2	102	221.0	14.7	0	29.0	1,658	19
Mustang	6460	3000GT	AC,P2	103	219.8	15.1	0	30.0	1,648	20
LG Seeds	LG5522VT3Pro	VT3P	AC,P5V	103	219.4	15.1	0	28.5	1,645	21
CBseed	CB5358GT3000	3000GT	CE,C2	103	216.4	15.4	0	32.4	1,621	22
Anderson	537VT3P	VT3P	CE,C2	101	215.6	13.6	0	30.0	1,617	23
Renk	RK629VT3P	VT3P	AC,P2	101	215.4	15.2	0	27.6	1,614	24
Kruger	KR-4104	VT2P-R	AC,P5V	104	214.9	15.0	0	28.0	1,612	25
NuTech	5N-001	3000GT	MQ,R,C2	101	214.5	14.4	0	29.5	1,609	26
Trelay	5VP688	VT3P	AC,P5V	101	213.8	13.9	0	33.9	1,604	27
Renk	RK635VT3P	VT3P	AC,P2	102	212.3	14.4	0	31.4	1,592	28
Jung	7V540	VT3P	AC,P5V	101	211.6	14.1	0	32.4	1,587	29
G2 Genetics	5H-502^	HX,RR2	MQ,R,C2	102	209.8	15.6	0	24.7	1,570	30
Dekalb	DKC50-66 CK	VT3	AC,P2	100	189.2	13.5	0	27.1	1,419	48
Test Average =					213.1	14.6	0	30.1	1,598	
LSD (0.10) =					22.1	0.6	ns			
C.V. =					7.6	3.0				


 F.I.R.S.T. Manager

TEST COMMENTS: *Early season growth was excellent due to 6.9" of rain in May. Cannon Falls received 12.2" rain in June, 3.7" in July and 4" in August. Final stands were a bit inconsistent at this corn on corn site, but lodging scores were very low, even at this late harvest date.*

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Footnotes, Abbreviations, and Trademarks

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^ 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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