

2011 BETTER HYBRIDS Harvest Report for Minnesota West Central [MNWC]

Doug Nelson, Big Stone County, MN 56225 [CLINTON]

EARLY SEASON TEST
93 - 98 Day CRM

B1MNBC05a

PREV. CROP/HERB: Soybean / Roundup twice

SOIL DESCRIPTION: Fram-Svea silty clay loam, well drained, minimum w/ fall till, non-irrigated

SOIL CONDITION: High P, high K, 6.9 pH, 3.8% OM

PEST MANAGEMENT: Force, Harness, Roundup

30" ROW SPACING

FERTILITY - Applied N: 150 Spring,

Applied N-P-K (units): 150-75-30

SEEDED - RATE: May 18 35,680 /A

TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 18 28,000 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	196-06VT3P	VT3P	P500,V	96	228.1	17.4	1.0	31.9	1,354.9	1
Wensman	W 7268VT3	VT3	P250	96	227.2	17.7	3.3	32.4	1,347.9	2
LG Seeds	LG2468VT3	VT3	P500,V	97	221.3	17.0	0.3	33.3	1,316.7	3
Producers	5784VT3	VT3	P500,V	97	220.8	18.2	0.3	31.9	1,307.1	4
Wensman	W 7273VT3	VT3	P250	98	211.9	18.5	1.7	29.6	1,252.9	5
Renk	RK580VT3	VT3	P250	98	211.1	18.8	3.0	31.9	1,246.5	6
Dyna-Gro	V3883VT3	VT3	P250	98	210.4	18.9	1.0	32.8	1,241.9	8
Producers	5684VT3	VT3	P500,V	96	209.8	17.7	1.3	31.4	1,244.6	7
Jung	7452VT3	VT3	P500	98	209.5	18.5	1.3	33.3	1,238.7	9
Anderson	628VT3	VT3	C250	96	206.1	16.9	0.7	31.9	1,226.8	10
Anderson	617R	RR2	None	98	204.1	19.7	4.7	31.5	1,200.6	11
Titan Pro	89A98GL	3000GT	C250	98	201.5	20.7	1.7	31.9	1,180.3	12
CBseed	CBX10T121	GT	None	95	199.3	27.9	0.3	32.3	1,131.5	15
Wensman	W 7143VT3	VT3	P250	93	195.5	18.1	3.3	32.4	1,157.8	13
Gold Country	95-15	STX	P500,V	95	194.4	17.3	3.0	31.4	1,155.2	14
Kruger	K-7194	VT3P	P500,V	94	190.0	17.2	12.3	29.6	1,129.6	16
Gold Country	93-07	VT3P	P250	93	190.0	18.2	8.7	30.5	1,124.8	17
Jung	7S435	STX	P500	97	188.1	20.6	3.3	31.4	1,102.3	18
Fielders Choice	NG6530	STX	P250	99	188.0	20.9	4.7	31.0	1,100.3	19
G2 Genetics	5H-696*	HX,RR2	C250	96	186.4	19.4	3.0	31.9	1,097.9	20
NuTech	3A-9901*	GT	C250	98	183.8	18.2	7.0	31.4	1,088.1	21
Renk	RK585VT3P	VT3P	P250	95	182.7	17.8	2.7	32.8	1,083.4	22
Mustang	4212	VT3P	P500,V	95	182.1	17.8	1.0	33.3	1,079.9	23
Enestvedt	E651VT3Pro	VT3P	P250	95	181.6	17.5	8.3	31.9	1,078.3	24
Renk	RK530VT3P	VT3P	P250	94	178.3	18.3	16.7	29.6	1,055.1	26
Wensman	W 7270VT3PRO	VT3P	P250	97	177.0	17.0	20.3	29.6	1,053.2	27
NuTech	5N-197*	3000GT	C250	97	172.1	19.4	12.7	32.4	1,013.7	28
Gold Country	98-90	STX	P250	98	170.4	19.9	5.7	33.3	1,001.5	30
Trelay	5ST192	STX	P500,V	98	170.1	19.5	14.0	29.1	1,001.5	31
Fielders Choice	NG6514	STX	P250	98	169.8	18.0	9.7	28.7	1,006.1	29
Dekalb	DKC48-12 CK	STX	P500,V	98	179.1	18.2	11.0	31.0	1,060.3	25
					Test Average =	163.3	18.2	20.2	28.0	965.9
					LSD (0.10) =	27.3	1.7	21.3		
					C.V. =	12.4	6.9			


 F.I.R.S.T. Manager

TEST COMMENTS: *Good planting conditions, although cool, wet weather prevailed from April through June. Doug stated that this site received over 20" rain from May through mid-July, then two 0.2" rains from mid-July until Oct 10. 80 mph winds caused severe green snap, especially in the early hybrids. Yields varied as a result. Lodging scores reflect green snap severity.*

Lat: N45.40673, Long: W-96.45766

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

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Report Date: 10/25/2011

Revised:

2011 BETTER HYBRIDS Harvest Report for Minnesota West Central [MNWC]

Doug Nelson, Big Stone County, MN 56225 [CLINTON]

FULL SEASON TEST
99 - 102 Day CRM

B1MNBC05b

PREV. CROP/HERB: Soybean / Roundup twice

SOIL DESCRIPTION: Fram-Svea silty clay loam, well drained, minimum w/ fall till, non-irrigated

SOIL CONDITIONS: High P, high K, 6.9 pH, 3.8% OM

PEST MANAGEMENT: Force, Harness, Roundup

30" ROW SPACING

FERTILITY - Applied N: 150 Spring,

Applied N-P-K (units): 150-75-30

SEEDED - RATE: May 18 35,680 /A

TOP 30 OF 45 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 18 30,600 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	5N-001*	3000GT	C250	100	222.6	22.7	0.3	31.4	1,292.7	1
G2 Genetics	5H-502^*	HX,RR2	C250	102	215.7	24.2	1.7	33.3	1,244.6	2
Viking	Y84-00RL	3000GT	C250	100	206.0	21.9	11.0	29.2	1,200.5	3
Kruger	K-6399VT3	VT3	P500,V	99	201.1	18.7	0.3	21.9	1,188.0	4
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	201.1	21.7	0.0	31.9	1,172.9	5
Titan Pro	89A02GL	3000GT	C250	102	198.8	22.0	0.0	32.8	1,158.0	6
Wensman	W 7320VT3PRO	VT3P	P250	101	198.5	23.1	0.0	32.3	1,150.8	8
Trelay	6VP125	VT3P	P500,V	102	195.5	20.5	0.0	32.8	1,146.1	9
Dekalb	DKC52-59 GC	VT3	n/a	102	194.5	17.7	0.0	33.3	1,153.9	7
Anderson	605VT3	VT3	C250	100	193.6	20.5	0.3	33.3	1,135.0	10
G2 Genetics	5H-501^*	HX,RR2	C250	101	189.7	23.2	1.7	33.3	1,099.3	13
Dairyland	ST-9799	VT3	C250	99	189.4	18.2	3.3	32.4	1,121.2	11
Stine	9417VT3*	VT3	C250	100	187.2	19.5	2.7	31.9	1,102.1	12
Dekalb	DKC50-66 GC	VT3	n/a	100	184.7	20.2	0.0	33.3	1,084.2	14
Gold Country	101-77	VT3	P250	101	184.1	20.1	0.7	33.3	1,081.1	15
Wensman	W 7360VT3	VT3	P250	103	183.7	23.7	1.3	32.4	1,062.2	17
Dekalb	DKC48-37 GC	VT3	C250	98	181.7	18.4	3.3	33.3	1,074.8	16
Renk	RK698VT3	VT3	P250	102	180.5	23.9	0.0	31.4	1,042.8	19
Channel	200-91VT3P	VT3P	P500,V	99	179.5	21.4	0.0	29.6	1,048.3	18
Producers	6044VT3	VT3	P250	100	178.6	21.6	0.7	30.1	1,042.1	20
Kruger	K-6201VT3	VT3	P500,V	101	175.8	21.9	12.0	29.2	1,024.5	22
Kruger	K4-9100	STX	P500,V	100	174.4	21.2	0.3	32.8	1,019.4	23
Dairyland	ST-9399	3000GT	C250	99	172.8	21.8	0.0	32.8	1,007.4	24
Terning	TS8290	3000GT	C250	100	170.5	22.0	0.3	33.3	993.2	25
Gold Country	100-07	VT3	P250	100	168.7	19.5	0.3	32.8	993.2	26
Channel	201-85VT3P	VT3P	P500,V	101	167.4	23.3	3.3	31.0	969.7	29
NuTech	5N-102*	3000GT	C250	102	167.1	20.6	1.3	32.8	979.2	27
Pioneer	P9917XR GC	HXT,RR2	C250	99	167.0	22.3	0.3	28.7	971.5	28
Anderson	626R	RR2	None	100	164.0	21.3	1.7	33.3	958.2	30
Channel	201-16VT3	VT3	P500,V	101	162.1	20.8	0.3	32.4	949.1	31
Dekalb	DKC48-12 CK	STX	P500,V	98	177.0	19.9	8.7	31.9	1,040.3	21
Test Average =					169.0	21.6	7.9	30.6	986.5	
LSD (0.10) =					31.6	1.9	21.8			
C.V. =					13.7	6.5				


 F.I.R.S.T. Manager

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Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's 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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