

2011 BETTER HYBRIDS Performance Summary for Minnesota West Central [MNWC]
EARLY SEASON TEST 93 - 98 Day CRM
TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)
AVERAGE of (18) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moist %	Lodging %	Gross Income		Clinton	Granite Falls			Litchfield	Nicollet	
								\$/A	Rank		Glencoe	Hector				
Channel	196-06VT3P	VT3P	P500,V	96	203.5	15.1	0.2	1,220.5	1	228.1	191.0	217.5	176.7	197.8	209.8	
Wensman	W 7268VT3	VT3	P250	96	199.0	15.2	0.6	1,193.0	2	227.2	179.6	198.2	183.8	197.5	207.7	
Producers	5784VT3	VT3	P500,V	97	196.1	15.1	0.4	1,176.1	3	220.8	192.1	193.8	176.7	189.0	204.2	
LG Seeds	LG2468VT3	VT3	P500,V	97	195.8	15.0	0.1	1,174.8	4	221.3	175.6	199.1	189.4	182.9	206.5	
Wensman	W 7143VT3	VT3	P250	93	191.6	15.1	1.2	1,149.1	5	195.5	195.4	183.0	174.3	201.2	200.1	
G2 Genetics	5H-696^*	HX,RR2	C250	96	191.5	16.1	0.7	1,143.7	7	186.4	190.2	194.5	182.3	194.7	200.9	
Anderson	617R	RR2	None	98	191.4	15.6	0.8	1,145.5	6	204.1	174.9	201.0	188.5	179.4	200.7	
Gold Country	93-07	VT3P	P250	93	190.4	14.7	1.9	1,142.4	8	190.0	190.4	201.2	180.0	177.4	203.1	
Mustang	4212	VT3P	P500,V	95	189.7	14.9	0.6	1,138.2	9	182.1	192.7	192.6	181.6	178.8	210.5	
Anderson	628VT3	VT3	C250	96	188.7	14.8	1.4	1,132.2	10	206.1	183.4	187.0	177.7	174.2	203.9	
Enestvedt	E651VT3Pro	VT3P	P250	95	188.5	14.8	2.3	1,131.0	11	181.6	196.4	180.4	174.8	189.4	208.4	
Wensman	W 7273VT3	VT3	P250	98	188.2	15.0	0.5	1,129.2	12	211.9	170.2	195.4	172.7	175.2	203.5	
Kruger	K-7194	VT3P	P500,V	94	187.5	14.5	3.7	1,125.0	13	190.0	199.9	194.6	161.4	179.5	199.7	
Gold Country	95-15	STX	P500,V	95	187.0	14.8	0.8	1,122.0	14	194.4	185.3	187.6	173.4	178.4	203.0	
Producers	5684VT3	VT3	P500,V	96	186.8	14.7	0.4	1,120.8	15	209.8	163.8	187.7	171.9	178.2	209.4	
Renk	RK585VT3P	VT3P	P250	95	186.1	14.8	1.2	1,116.6	17	182.7	190.2	184.9	174.3	187.6	197.1	
LG Seeds	LG2478VT3Pro	VT3P	P500,V	97	185.7	14.7	3.5	1,114.2	18	164.5	176.1	190.2	184.6	182.4	216.2	
Dyna-Gro	D35RR40	RR2	P250	95	185.7	14.7	4.7	1,114.2	19	154.6	180.5	192.8	187.8	190.6	207.6	
Titan Pro	89A98GL	3000GT	C250	98	185.7	16.7	2.1	1,106.3	22	201.5	177.3	190.0	157.3	193.6	194.6	
Wensman	W 7270VT3PRO	VT3P	P250	97	185.5	14.9	3.5	1,113.0	20	177.0	179.9	188.5	185.6	178.9	202.9	
Renk	RK530VT3P	VT3P	P250	94	184.9	15.4	3.2	1,107.6	21	178.3	168.9	193.3	188.7	184.2	196.0	
Stine	9311VT3Pro*	VT3P	C250	93	183.9	15.6	1.7	1,100.6	23	164.8	173.7	190.6	180.3	195.2	198.5	
Renk	RK580VT3	VT3	P250	98	183.1	15.2	1.6	1,097.7	24	211.1	186.8	192.8	148.7	153.2	206.0	
Terning	TS8245	3000GT	C250	95	182.8	14.8	6.5	1,096.8	25	154.8	176.8	185.6	181.1	198.7	199.9	
Jung	7452VT3	VT3	P500	98	182.8	15.6	0.5	1,094.1	28	209.5	176.9	191.5	168.7	155.9	194.4	
NuTech	3A-9901*	GT	C250	98	182.5	15.0	2.1	1,095.0	26	183.8	171.1	194.7	177.1	182.1	186.4	
Kruger	K-7495	VT3P	P500,V	95	182.5	14.8	5.8	1,095.0	27	143.9	190.2	198.7	183.5	183.4	195.4	
Titan Pro	X81A97	GT/CB/LL	C250	97	182.5	15.5	6.0	1,092.7	29	131.9	191.1	204.2	168.5	185.6	213.6	
Trelay	5ST192	STX	P500,V	98	182.2	16.3	2.6	1,087.3	31	170.1	159.3	204.4	180.9	180.8	197.7	
Anderson	628R	RR2	None	95	182.0	15.0	3.0	1,092.0	30	162.1	188.9	182.7	179.5	180.5	198.0	
Dekalb	DKC48-12 CK	STX	P500,V	98	186.7	15.0	2.3	1,120.2	16	179.1	181.4	197.6	174.4	187.1	200.8	
					Test Average =	180.6	15.3	4.2	1,082.0		163.3	179.8	187.1	174.1	180.6	198.7
					LSD (0.10) =	17.1	0.6	8.2			27.3	19.3	14.2	16.9	19.0	12.7


 F.I.R.S.T. Manager

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying (\$/pt/bu) = \$0.025 Price (\$/bu) = \$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; **LibertyLink** - 3000GT, 3111, HX, HXT, LL, STX

^{††} Insecticide Seed Treatment (IST): **AV** - Avicta, **C** - Cruiser, **P** - Poncho, **250, 500, and 1250** = 0.25, 0.5, and 1.25 g ai / seed; **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; # = rejected results, not included in summary; **ns** = not significantly different; ‡ = 2 replications.

2011 BETTER HYBRIDS Performance Summary for Minnesota West Central [MNWC]
FULL SEASON TEST 99 - 102 Day CRM
TOP 30 OF 45 FOR GROSS INCOME (SORTED BY YIELD)
AVERAGE of (16) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moist %	Lodging %	Gross Income		Clinton	Granite Falls			Litchfield	Nicollet [‡]	
								\$/A	Rank		Glencoe [‡]	Hector				
NuTech	5N-001*	3000GT	C250	100	199.1	17.1	0.1	1,184.1	1	222.6	197.2	194.4	178.9	203.4	198.2	
G2 Genetics	5H-502^*	HX,RR2	C250	102	198.9	17.6	0.3	1,180.5	2	215.7	177.3	204.4	175.4	219.8	201.0	
Channel	201-16VT3	VT3	P500,V	101	197.3	16.9	0.4	1,174.4	3	162.1	214.3	198.6	189.6	212.2	207.2	
Viking	Y84-00RL	3000GT	C250	100	196.6	17.4	2.2	1,167.8	5	206.0	179.8	195.6	183.5	206.9	208.0	
Wensman	W 7320VT3PRO	VT3P	P250	101	196.3	16.8	0.1	1,169.0	4	198.5	178.3	207.2	198.3	199.3	196.0	
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	194.0	16.3	0.0	1,157.7	6	201.1	204.9	192.9	172.9	212.3	179.7	
Gold Country	101-77	VT3	P250	101	192.4	16.0	0.3	1,149.6	8	184.1	193.8	191.8	194.0	204.3	186.4	
Titan Pro	89A02GL	3000GT	C250	102	191.9	17.4	0.1	1,139.9	10	198.8	187.7	195.0	176.9	198.9	194.0	
Dekalb	DKC48-37 GC	VT3	C250	98	191.2	15.4	0.6	1,145.3	9	181.7	197.6	199.9	177.0	204.0	187.0	
Wensman	W 7360VT3	VT3	P250	103	190.6	17.2	0.2	1,133.1	13	183.7	193.9	179.9	179.9	213.0	193.0	
Producers	6044VT3	VT3	P250	100	190.4	17.1	0.1	1,132.4	14	178.6	189.6	191.3	187.2	202.5	192.9	
Kruger	K-6201VT3	VT3	P500,V	101	190.4	17.1	2.8	1,132.4	15	175.8	177.7	195.0	187.1	204.1	202.9	
Trelay	5VP688	VT3P	P500,V	101	190.3	16.0	2.6	1,137.0	12	160.8	199.2	199.1	170.1	216.7	196.0	
Renk	RK698VT3	VT3	P250	102	190.3	17.2	0.0	1,131.3	17	180.5	191.5	189.8	182.7	198.9	198.4	
G2 Genetics	5H-501^*	HX,RR2	C250	101	190.2	17.0	0.5	1,131.7	16	189.7	195.2	193.8	186.2	187.2	189.0	
Dekalb	DKC52-59 GC	VT3	n/a	102	189.8	15.2	1.3	1,137.9	11	194.5	189.0	194.6	178.6	183.4	198.6	
Dekalb	DKC50-66 GC	VT3	n/a	100	188.6	15.9	0.0	1,127.4	18	184.7	179.2	197.5	183.8	194.5	191.7	
Channel	201-85VT3P	VT3P	P500,V	101	188.1	17.0	0.6	1,119.2	20	167.4	180.1	196.8	173.1	208.7	202.7	
Trelay	6VT154	VT3	P500,V	102	187.7	16.9	0.9	1,117.3	21	148.2	187.1	196.0	185.3	208.8	200.5	
Anderson	605VT3	VT3	C250	100	187.6	16.0	0.4	1,120.9	19	193.6	186.2	188.8	188.8	183.9	184.1	
Trelay	6VP125	VT3P	P500,V	102	186.3	16.8	0.0	1,109.4	23	195.5	177.5	185.3	178.5	189.1	191.8	
Kruger	K-6399VT3	VT3	P500,V	99	185.9	15.6	0.1	1,112.6	22	201.1	173.3	195.4	172.8	184.1	188.5	
Dairyland	ST-9799	VT3	C250	99	184.9	15.3	1.4	1,108.0	24	189.4	181.7	183.4	159.0	191.7	204.3	
Gold Country	100-07	VT3	P250	100	183.2	15.4	0.3	1,097.4	25	168.7	183.5	183.5	184.7	188.5	190.4	
Anderson	626R	RR2	None	100	183.1	16.5	0.3	1,091.7	28	164.0	187.1	180.7	177.0	195.2	194.6	
Wensman	W 7290VT3PRO	VT3P	P250	99	183.0	16.1	5.6	1,093.0	26	151.2	194.5	174.9	177.9	208.7	190.8	
Dairyland	ST-9399	3000GT	C250	99	182.4	16.8	0.3	1,086.2	30	172.8	192.9	181.1	166.5	199.9	180.9	
Kruger	K4-9100	STX	P500,V	100	182.3	16.6	0.4	1,086.5	29	174.4	187.8	178.7	160.6	208.8	183.7	
Stine	9417VT3*	VT3	C250	100	182.2	15.3	1.0	1,091.8	27	187.2	183.4	192.5	157.1	179.2	193.6	
LG Seeds	LG2501VT3Pro	VT3P	P500,V	100	181.8	16.3	4.6	1,084.9	31	132.6	207.4	172.7	182.5	205.3	190.3	
→ Dekalb	DKC48-12 CK	STX	P500,V	98	192.6	15.7	1.5	1,152.2	7	177.0	196.6	195.6	179.5	204.8	202.0	
					Test Average =	184.8	16.6	1.9	1,101.6		169.0	188.1	186.5	176.0	198.1	191.1
					LSD (0.10) =	13.3	0.8	5.4			31.6	18.2	14.5	18.5	14.8	15.3


 F.I.R.S.T. Manager

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

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