

2011 BETTER HYBRIDS Performance Summary for Minnesota South East [MNSE]
EARLY SEASON TEST 95 - 100 Day CRM
TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
AVERAGE of (17) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moist %	Lodging %	Gross Income \$/A	Rank	Cannon Falls	Dexter	Eyota	Kasson	Madison Lake [‡]	New Richland	
Channel	197-32VT3P	VT3P	P500,V	97	216.6	14.4	0.6	1,299.6	1	213.5	234.2	221.5	221.9	197.2	211.0	
Viking	Y84-00RL	3000GT	C250	100	215.2	15.4	0.9	1,289.0	2	205.4	228.9	227.7	223.6	191.5	213.9	
Wensman	W 7290VT3PRO	VT3P	P250	99	212.9	14.8	0.7	1,277.4	3	206.6	222.9	224.9	215.5	189.5	218.0	
NuTech	5N-001*	3000GT	C250	100	212.1	15.2	0.4	1,271.5	4	210.9	226.9	220.1	217.5	190.2	206.9	
Producers	6044VT3	VT3	P250	100	212.1	15.6	1.9	1,269.4	5	205.5	220.8	229.5	232.8	176.7	207.2	
LG Seeds	LG2501VT3Pro	VT3P	P500,V	100	211.2	14.9	2.9	1,267.2	6	180.4	230.7	228.9	224.1	191.9	211.3	
Jung	7V429	VT3P	P500	96	209.5	14.2	0.0	1,257.0	7	213.0	216.5	220.7	216.5	196.0	194.0	
Pioneer	P9917XR GC	HXT,RR2	C250	99	209.3	15.2	0.5	1,254.8	8	199.6	215.3	209.2	222.3	188.0	221.6	
LG Seeds	LG2468VT3	VT3	P500,V	97	208.3	14.8	0.1	1,249.8	9	196.9	215.5	220.5	224.0	193.8	198.8	
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	208.0	14.9	0.3	1,248.0	10	196.5	221.1	223.8	222.7	184.3	199.7	
Kruger	K-7495	VT3P	P500,V	95	207.9	14.3	0.3	1,247.4	11	196.3	221.0	220.5	205.4	197.5	206.9	
Dekalb	DKC48-12 GC	STX	P500,V	98	207.4	14.5	0.2	1,244.4	12	198.6	229.2	215.7	215.7	176.3	208.9	
AgriGold	A6203VT3	VT3	P500,V	96	207.1	14.7	0.1	1,242.6	13	194.7	223.4	215.6	207.9	184.7	216.0	
Gold Country	101-77	VT3	P250	101	206.0	15.1	1.2	1,235.5	14	197.8	231.7	203.1	212.7	182.2	208.5	
Gold Country	96-20	VT3P	P250	96	205.5	14.2	0.5	1,233.0	15	215.7	227.8	212.9	205.4	161.0	210.2	
Channel	196-06VT3P	VT3P	P500,V	96	205.5	14.6	1.2	1,233.0	16	204.7	222.4	201.2	210.2	189.3	205.2	
Pioneer	P9910AM1 GC	HXT,RR2	C250	99	204.5	14.6	0.2	1,227.0	17	193.0	212.1	218.9	213.5	187.5	201.9	
Mustang	4689	VT3	P500,V	95	204.3	14.8	0.1	1,225.8	18	205.4	214.4	212.7	205.6	178.5	209.0	
Viking	C44-95R	VT3P	C250	96	203.9	14.7	0.3	1,223.4	19	205.5	212.6	221.0	209.8	177.1	197.4	
Wensman	W 7268VT3	VT3	P250	96	203.7	14.8	0.1	1,222.2	20	189.4	216.2	207.7	212.3	186.1	210.4	
Anderson	628R	RR2	None	95	203.5	14.3	0.6	1,221.0	21	212.9	210.3	208.9	206.4	164.6	217.7	
Croplan	3514VT3 GC	VT3	C250	95	203.5	15.7	0.1	1,217.4	23	181.5	213.4	209.6	222.7	196.7	197.1	
Trelay	5VP688	VT3P	P500,V	101	203.0	14.7	1.1	1,218.0	22	185.3	218.7	228.2	220.4	167.3	198.1	
Mustang	5808	STX	P500,V	98	201.8	14.6	0.7	1,210.8	24	202.6	216.9	214.1	215.1	170.2	191.7	
Renk	RK565GTCBLLRW	3000GT	C250	100	201.4	14.8	1.3	1,208.4	25	189.0	212.3	203.8	211.7	186.1	205.7	
Kruger	K4-9100	STX	P500,V	100	200.5	15.0	0.1	1,203.0	26	211.0	212.3	214.1	204.3	173.3	187.8	
Dyna-Gro	D37VP71	VT3P	P250	97	200.5	14.3	0.3	1,203.0	27	206.8	223.2	205.1	205.8	162.2	199.8	
Jung	7452VT3	VT3	P500	98	200.3	14.5	1.1	1,201.8	28	203.7	210.6	209.1	205.5	173.9	198.7	
Fielders Choice	NG6550	VT3P	P250	100	200.2	14.8	0.1	1,201.2	29	188.4	223.3	208.2	212.5	166.3	202.5	
Mustang	4404	3000GT	P500,V	95	200.0	14.6	1.9	1,200.0	30	184.4	218.0	220.0	206.1	166.0	205.2	
Dekalb	DKC50-66 CK	VT3	n/a	100	197.7	14.8	1.2	1,186.2	36	176.7	213.7	216.2	209.8	169.0	200.7	
					Test Average =	198.7	14.9	0.9	1,191.5		190.1	213.7	210.5	207.9	172.5	197.4
					LSD (0.10) =	8.8	0.5	1.8			19.3	12.2	13.1	13.5	22.5	13.8


 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 South East [MNSE]
FULL SEASON TEST 101 - 104 Day CRM
TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)
AVERAGE of (18) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moist %	Lodging %	Gross Income		Cannon Falls	Eyota	Madison Lake				
								\$/A	Rank			Dexter	Kasson	New Richland		
Channel	203-43VT3P	VT3P	P500,V	103	215.5	15.3	0.7	1,291.4	1	200.6	220.0	222.8	228.1	211.5	210.0	
Kruger	K-4104	VT2P	P500,V	104	212.6	16.0	0.2	1,270.3	2	196.0	218.0	220.3	229.1	200.3	211.6	
Channel	201-16VT3	VT3	P500,V	101	208.5	15.8	4.7	1,246.8	3	174.7	226.2	228.7	215.0	197.8	208.7	
Wensman	W 7320VT3PRO	VT3P	P250	101	208.5	16.1	0.7	1,245.3	4	193.6	225.4	214.7	206.8	204.6	205.7	
Trelay	6VT154	VT3	P500,V	102	208.4	16.0	2.8	1,245.2	5	183.4	223.3	224.5	218.3	205.4	195.6	
Trelay	6ST576	STX	P500,V	104	206.6	16.0	0.3	1,234.4	7	197.0	214.0	218.8	213.8	194.8	201.2	
Kruger	K-6102VT3	VT3	P500,V	102	206.4	15.3	2.6	1,236.9	6	186.7	229.6	218.0	211.2	197.0	195.9	
Titan Pro	89A02GL	3000GT	C250	102	205.4	15.8	0.7	1,228.3	8	196.6	224.5	211.8	212.7	190.0	196.6	
Viking	Y54-04RL	3000GT	C250	104	205.3	16.8	2.0	1,222.6	9	179.0	219.9	222.8	218.7	193.7	197.6	
Mustang	6460	3000GT	P250	104	204.8	17.0	2.8	1,218.6	11	192.5	215.2	211.3	221.1	190.4	198.4	
AgriGold	A6319VT3Pro	VT3P	P500,V	103	204.5	16.2	0.7	1,220.9	10	191.2	224.2	217.2	214.2	191.2	189.2	
G2 Genetics	5X-903^	HXT,RR2	P1250,V	103	203.3	15.7	3.3	1,216.2	12	183.6	213.5	225.7	218.2	181.9	197.1	
Kruger	K-6201VT3	VT3	P500,V	101	203.2	15.9	4.9	1,214.6	13	178.5	220.8	227.8	210.1	181.0	201.1	
G2 Genetics	5H-502^*	HX,RR2	C250	102	203.2	16.4	0.6	1,212.1	15	179.4	221.9	215.7	215.8	186.0	200.1	
Renk	RK698VT3	VT3	P250	102	203.0	15.8	1.1	1,213.9	14	175.8	217.7	220.0	208.9	187.6	207.9	
LG Seeds	LG2509GT3	3000GT	P500,V	103	202.9	17.0	1.8	1,207.3	18	171.5	218.0	213.7	211.7	212.3	190.3	
Wensman	W 7392GT3	3000GT	P250	104	202.7	17.2	1.2	1,205.1	19	169.6	214.5	220.5	221.2	193.3	197.2	
Dekalb	DKC53-78 GC	STX	n/a	103	202.2	15.9	0.9	1,208.7	17	162.4	218.9	217.0	217.1	198.4	199.5	
AgriGold	A6276VT3	VT3	P500,V	101	202.0	15.6	1.1	1,209.0	16	183.4	211.7	232.7	210.3	176.6	197.3	
Gold Country	103-09	VT3	P250	103	201.6	16.1	3.3	1,204.1	21	174.2	216.5	223.6	215.8	187.3	192.0	
Kruger	K4-9302	STX	P500,V	102	201.6	16.6	0.6	1,201.5	22	185.0	204.0	218.4	214.3	194.3	193.7	
AgriGold	A6323GT3	3000GT	P500,V	103	201.3	17.1	2.9	1,197.2	27	178.4	215.8	228.8	219.7	174.8	190.2	
Dekalb	DKC51-85 GC	STX	P500,V	101	201.2	15.5	1.2	1,204.7	20	193.7	203.1	225.2	202.6	188.2	194.6	
Gold Country	101-99	STX	P250	104	201.0	16.4	0.6	1,199.0	26	164.8	220.2	219.8	217.0	179.7	204.2	
LG Seeds	LG2508VT3Pro	VT3P	P500,V	104	200.6	15.6	3.2	1,200.6	23	186.5	215.1	211.4	213.6	182.5	194.7	
Wensman	W 7360VT3	VT3	P250	103	200.3	15.5	3.7	1,199.3	24	163.3	233.4	228.2	221.8	154.4	200.7	
Jung	7475VT3	VT3	P500	100	200.1	15.3	1.1	1,199.1	25	197.5	225.0	219.4	201.0	162.0	195.7	
Titan Pro	80A05GL	3000GT	C250	105	200.1	16.4	0.8	1,193.6	28	189.2	212.4	216.3	206.8	189.4	186.7	
Channel	202-32STX	STX	P500,V	102	199.6	16.0	0.7	1,192.6	30	174.6	202.6	216.5	212.2	194.7	197.0	
Dairyland	ST-9799	VT3	C250	99	199.1	15.2	0.2	1,193.6	29	196.4	213.7	217.8	192.6	186.6	187.7	
→ Dekalb	DKC50-66 CK	VT3	n/a	100	198.7	15.0	2.6	1,192.2	31	182.6	210.0	210.3	203.6	190.7	195.2	
					Test Average =	199.1	16.0	1.8	1,189.3		177.7	213.7	214.1	209.1	186.0	193.9
					LSD (0.10) =	7.9	0.6	2.7			19.9	13.5	14.0	10.9	22.1	12.6


 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 Complete, **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.



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®

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucho®, 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