

**2010 BETTER HYBRIDS Performance Summary for South Dakota Northeast [ SDNE ]**  
**EARLY SEASON TEST 91 - 96 Day CRM**
**TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)**  
**AVERAGE of (13) REPLICATIONS**

Company	Brand	Technology†	IST††	Yield (Bu/A)	Moist (%)	Lodging (%)	Gross Income (\$/A)	Rank	Arlington	Bath**	Bemis	Clear Lake**	Howard	
Rea	4T286	VT3	P250	<b>158.5</b>	17.3	3.6	\$664.5	1	<b>131.6</b>	<b>167.3</b>	176.6	42.8	<b>153.2</b>	163.8
Great Lakes	4555G3VT3	VT3	P250	<b>154.0</b>	20.4	1.7	\$633.7	3	<b>128.8</b>	<b>164.2</b>	172.3	89.0	120.7	<b>184.1</b>
Rea	4V653	VT3P	P250	<b>153.2</b>	18.5	4.9	\$637.7	2	104.6	<b>175.7</b>	<b>190.4</b>	84.0	121.8	173.4
Gold Country	96-20	VT3P	P250	151.3	18.3	4.1	\$630.5	4	<b>127.0</b>	122.9	181.0	67.1	148.9	<b>176.9</b>
Kruger	K-7495	VT3P	P250	150.8	18.4	7.1	\$628.1	5	<b>120.7</b>	133.4	176.7	73.7	<b>159.8</b>	163.6
Dekalb	DKC46-60 GC	VT3	P250	149.0	18.7	2.3	\$619.5	7	<b>122.1</b>	145.4	171.9	81.4	147.0	158.5
Kruger	K-7593	VT3P	P250	148.3	17.1	4.6	\$622.5	6	93.7	<b>161.4</b>	177.0	47.9	132.9	<b>176.3</b>
AgVenture	R4926VBW	VT3	P250	146.4	19.3	11.7	\$606.5	9	94.5	153.6	177.3	92.4	135.7	170.9
Kruger	K-6194VT3	VT3	P500,V	145.5	17.8	6.3	\$608.2	8	87.9	152.9	180.0	88.5	126.4	<b>180.4</b>
Dekalb	DKC44-92 GC	RR2	P250	144.9	19.2	5.9	\$600.6	10	<b>116.2</b>	153.7	175.2	82.6	127.7	151.6
Stine	9311VT3Pro	VT3P	P250	143.5	17.9	5.9	\$599.5	11	99.1	128.3	<b>183.4</b>	84.1	139.9	166.9
Gold Country	95-50	VT3	P250	143.0	17.4	7.6	\$599.2	12	98.9	154.3	<b>184.6</b>	48.8	110.8	166.3
Fielders Choice	NG6455	VT3	P250	141.4	18.8	4.0	\$587.5	16	108.4	134.8	176.9	92.8	116.5	170.4
Gold Country	95-11	VT3	P250	141.1	16.7	2.3	\$593.7	13	113.3	121.3	164.8	61.6	146.9	159.4
Dekalb	DKC43-27 GC	VT3	P250	140.5	17.5	2.5	\$588.3	14	<b>126.2</b>	137.1	171.4	67.1	109.7	158.1
NuTech	G2 5H-696^	HX,RR2	C250	140.5	20.7	2.1	\$577.1	22	110.5	134.3	170.8	68.7	112.5	174.2
Fielders Choice	NG6420	VT3	P250	140.1	17.9	5.0	\$585.3	17	111.9	132.2	166.8	86.6	124.4	165.4
Fielders Choice	NG6446	VT3	P250	139.9	16.9	2.4	\$587.9	15	82.9	135.8	176.1	61.7	131.3	173.5
Mustang	4313VT3	VT3	P250	139.5	18.8	2.6	\$579.6	20	113.3	130.3	168.9	105.1	112.1	172.8
Pannar	4E-705	VT3	C250	138.7	17.6	3.3	\$580.5	19	99.1	137.7	173.6	86.9	123.2	159.8
King	4010GTCBLL	GT/CB/LL	P250	137.9	16.3	7.7	\$581.6	18	76.8	158.9	181.4	77.4	106.8	165.4
Producers	5004VT3	VT3	P250	137.8	16.9	10.0	\$579.1	21	62.6	119.7	<b>183.3</b>	91.7	<b>154.2</b>	169.1
Croplan	3424VT3 GC	VT3	C250	137.3	18.9	10.3	\$570.1	26	86.4	147.9	166.4	84.3	111.3	174.7
Pannar	5A-155	VT3	C250	137.1	18.3	4.6	\$571.4	24	<b>127.7</b>	122.2	165.4	69.0	108.8	161.6
Mustang	3026	GT/CB/LL	C250	137.0	16.5	7.9	\$577.1	23	78.5	122.8	176.3	86.3	126.7	<b>180.6</b>
Gold Country	96-22	SS	P250	137.0	19.4	6.9	\$567.2	29	100.2	146.6	181.9	100.0	98.8	157.3
Rea	3T544	VT3	C250	136.9	18.3	5.1	\$570.5	25	102.8	156.5	166.2	67.4	100.2	159.0
Pannar	5A-125	VT3	C250	136.5	18.7	8.1	\$567.5	28	98.1	123.8	168.3	88.5	123.6	168.8
Mycogen	2J337	VT3	C250	135.6	17.6	6.2	\$567.5	27	80.5	127.0	167.2	92.8	133.2	169.9
Mustang	4330VT3	VT3	P250	135.6	18.1	7.6	\$565.8	30	97.2	150.1	153.0	92.9	121.4	156.3
Channel	195-99VT3 CK	VT3	C250	120.7	19.8	9.4	\$498.5	54	68.5	102.2	166.5	81.6	110.4	155.7
Test Average =				<b>136.5</b>	<b>18.2</b>	<b>7.2</b>	<b>\$569.4</b>		<b>90.5</b>	<b>135.0</b>	<b>170.5</b>	<b>78.9</b>	<b>124.1</b>	<b>162.5</b>
LSD (0.10) =				15.7	1.4	n.s.			25.1	25.2	12.0	28.5	25.5	13.0

Yield &amp; Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying (\$/pt/bu) = \$0.025 Price (\$/bu) = \$4.25

† Technology: Corn Borer - 3000GT, CB, HX, HXT, SS, VT2P, VT3, VT3P, YGCB; Corn Rootworm - 3000GT, HXT, RW, SS, VT2, VT3 VT3P; Glyphosate - 3000GT, GT, RR2, SS, VT2, VT3, VT3P; LibertyLink - 3000GT, HX, HXT, LL, SS

†† Insecticide Seed Treatment (IST): AVC - 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 chosen product; \* = brands without a seed lot number; \*\* = 2 replications; # = rejected results, not included in summary; ns = not significantly different.

**2010 BETTER HYBRIDS Performance Summary for South Dakota Northeast [ SDNE ]**  
**FULL SEASON TEST 97 - 100 Day CRM**
**TOP 30 OF 36 FOR GROSS INCOME (SORTED BY YIELD)**  
 AVERAGE of (11) REPLICATIONS

Company	Brand	Technology†	IST††	Yield (Bu/A)	Moist (%)	Lodging (%)	Gross Income (\$/A)	Rank	Arlington	Bath**	Bemis	Cavour#	Clear Lake#	Howard
Producers	5784VT3	VT3	P250	153.7	17.0	1.7	\$645.5	1	147.8	165.4	188.5	83.9	106.2	182.9
Dekalb	DKC50-66 GC	VT3	P250	147.6	17.2	7.9	\$619.2	2	126.1	169.2	184.8	84.0	107.2	173.9
Fielders Choice	NG6510	VT3	P250	147.2	18.7	1.3	\$612.0	3	125.6	156.4	173.5	88.9	32.7	191.8
NuTech	3T-401	VT3	C250	146.9	19.5	4.5	\$607.8	4	116.1	168.4	178.6	77.3	99.8	194.0
Wensman	W7273VT3	VT3	P250	144.0	19.3	1.3	\$596.5	7	135.2	140.6	180.8	79.9	49.8	183.3
AgVenture	RL5039HB	HX,RR2	C250	143.8	17.3	2.3	\$602.9	6	142.7	152.7	177.6	83.1	67.3	162.7
Mustang	4367VT3	VT3	P250	143.7	16.8	3.0	\$604.3	5	123.8	169.6	173.8	87.2	103.6	164.2
Stine	9417VT3	VT3	P250	142.5	17.8	4.5	\$595.7	8	103.7	171.0	168.9	84.5	48.0	184.5
NuTech	3T-300	VT3	C250	139.8	18.5	3.5	\$581.9	10	122.0	154.9	168.2	88.3	90.7	165.5
Stine	9421RR	RR2	P250	139.3	18.8	7.0	\$578.8	13	111.7	155.3	176.3	81.5	71.3	171.6
Great Lakes	4840VT3PRO	VT3P	P250	139.2	15.4	3.6	\$590.2	9	113.5	174.6	190.7	46.5	91.9	170.5
NuTech	G2 5X-500^	HXT,RR2	C250	139.2	18.6	1.5	\$579.1	12	127.3	167.6	168.8	64.0	76.4	168.3
Wensman	W7267VT3	VT3	P250	137.8	16.8	6.9	\$579.4	11	95.9	160.8	181.8	66.2	70.8	184.3
Pannar	5D-303	VT3	C250	137.4	18.4	2.6	\$572.3	14	127.0	143.2	175.8	76.7	112.6	164.5
Gold Country	98-90	VT3P	P250	137.4	19.8	2.6	\$567.5	17	123.6	142.8	173.8	76.8	61.7	170.2
NuTech	3T-098	VT3	C250	136.3	17.4	9.2	\$571.1	16	83.5	174.4	179.3	64.2	77.7	180.0
NuTech	5N-001	3000GT	C250	135.8	21.1	1.5	\$556.4	20	110.5	169.1	168.4	64.3	101.5	166.6
Gold Country	94-29	VT3	P250	135.7	16.4	1.3	\$572.0	15	125.4	131.6	173.6	69.7	74.7	178.3
NuTech	G2 5H-999^*	HX,RR2	C250	135.1	18.0	2.9	\$564.0	18	116.4	116.2	174.2	98.5	118.0	170.4
Kruger	K-6399VT3	VT3	P250	134.7	18.8	1.3	\$559.7	19	116.9	138.5	172.5	63.1	85.3	182.3
Wensman	W7270VT3Pro	VT3P	P250	132.4	17.0	8.1	\$556.1	21	109.6	141.7	173.2	72.5	75.1	165.0
Mycogen	2P486	SS	C250	131.9	16.9	4.4	\$554.3	22	93.2	151.3	166.5	77.0	72.9	171.3
Kruger	K-6102VT3	VT3	C250	130.9	18.6	7.3	\$544.5	23	113.9	136.2	181.8	59.7	47.1	162.7
NuTech	G2 5H-700^	HX,RR2	C250	129.3	19.5	2.5	\$535.0	26	106.5	133.6	169.6	62.4	69.4	174.2
Great Lakes	5090G3VT3	VT3	P250	129.2	19.3	2.5	\$535.2	25	117.7	113.2	180.8	60.9	93.9	173.5
Pannar	5B-960	VT3	C250	129.1	17.6	3.3	\$540.3	24	111.5	149.6	154.4	67.3	79.6	162.7
NuTech	G2 5X-598A^	HXT,RR2	C250	127.8	19.0	6.6	\$530.4	27	105.5	163.7	154.9	61.4	56.1	153.3
AgVenture	RL6157HBW	HXT,RR2	C250	127.7	19.8	3.4	\$527.4	28	99.5	160.2	165.9	56.4	74.8	156.7
Mycogen	2H490	SS	C250	124.5	18.0	11.8	\$519.8	29	60.3	140.1	174.1	89.0	38.7	158.8
Producers	5804VT3Pro	VT3P	P250	123.2	16.7	6.6	\$518.4	30	96.7	125.7	187.6	46.9	92.7	159.3
Channel	195-99VT3 CK	VT3	C250	121.8	17.3	7.6	\$510.6	32	89.6	120.2	156.1	77.8	66.9	165.3
Test Average =				133.6	18.0	5.9	\$557.9		105.0	147.6	173.8	72.0	75.7	169.8
LSD (0.10) =				18.5	1.7	n.s.			20.5	25.0	12.9	26.7	50.3	14.5

Yield &amp; Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying (\$/pt/bu) = \$0.025 Price (\$/bu) = \$4.25

† Technology: Corn Borer - 3000GT, CB, HX, HXT, SS, VT2P, VT3, VT3P, YGCB; Corn Rootworm - 3000GT, HXT, RW, SS, VT2, VT3 VT3P; Glyphosate - 3000GT, GT, RR2, SS, VT2, VT3, VT3P; LibertyLink - 3000GT, HX, HXT, LL, SS

†† Insecticide Seed Treatment (IST): AVC - 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 chosen product; \* = brands without a seed lot number; \*\* = 2 replications; # = rejected results, not included in summary; ns = not significantly different.



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^G2<sup>®</sup> brand seed is distributed by NuTech Seed, LLC. HPT<sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM<sup>®</sup> brand seed is distributed by Doeblers PA Seed. XL<sup>™</sup> brand seed is distributed by Beck's Superior Hybrids. G2<sup>®</sup>, HPT<sup>®</sup>, RPM<sup>®</sup>, and XL<sup>™</sup> are trademarks of Pioneer Hi-Bred.

### Technologies

3110	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3110
3111	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3111
3000GT	Agrisure <sup>®</sup> 3000GT
CB/LL	Agrisure <sup>®</sup> CB/LL
CB/LL/RW	Agrisure <sup>®</sup> CB/LL/RW
GT	Agrisure <sup>®</sup> GT
GT/CB/LL	Agrisure <sup>®</sup> GT/CB/LL
HX	HERCULEX <sup>®</sup> I Insect Protection
HXT	HERCULEX <sup>®</sup> XTRA Insect Protection
LL	LibertyLink <sup>®</sup>
RR	Roundup Ready <sup>®</sup> Soybeans
RR2	Roundup Ready <sup>®</sup> Corn 2
RR2Y	Genuity <sup>™</sup> Roundup Ready 2 Yield <sup>®</sup>
SS	Genuity <sup>™</sup> SmartStax <sup>™</sup>
STS	STS <sup>®</sup>
VT2	YieldGard VT Rootworm/RR2 <sup>™</sup>
VT2P	Genuity <sup>™</sup> VT Double PRO <sup>™</sup>
VT3	YieldGard VT Triple <sup>®</sup>
VT3P	Genuity <sup>™</sup> VT Triple PRO <sup>™</sup>
YGCB	YieldGard <sup>®</sup> Corn Borer
YGCB,RR2	YieldGard <sup>®</sup> Corn Borer/Roundup Ready <sup>®</sup> Corn 2
YGPL,RR2	YieldGard <sup>®</sup> Plus/Roundup Ready <sup>®</sup> Corn 2
YGRW,RR2	YieldGard <sup>®</sup> Rootworm/Roundup Ready <sup>®</sup> Corn 2

### Seed Treatments

AC	Acceleron <sup>®</sup>
AM	ApronMaxx <sup>®</sup>
AP	Apron XL <sup>®</sup>
AVC	Avicta <sup>®</sup> Complete Corn
C	Cruiser <sup>®</sup>
CM	CruiserMaxx <sup>®</sup>
E	Excalibre <sup>™</sup>
ES	Escalate <sup>™</sup>
I	Inovate <sup>™</sup> System
O	Optimize <sup>®</sup>
P	Poncho <sup>®</sup>
T	Trilex <sup>®</sup>
T6	Trilex <sup>®</sup> 6000
V	Votivo <sup>™</sup>

### Trademarks

- Excalibre<sup>™</sup> is a trademark of Advanced Biological Marketing
- LibertyLink<sup>®</sup>, Poncho<sup>®</sup>, Trilex<sup>®</sup>, and Votivo<sup>™</sup> are trademarks of Bayer.
- Escalate<sup>™</sup> is a trademark of Beck's Superior Hybrids
- Herculex<sup>®</sup> is a trademark of Dow AgroSciences LLC.
- STS<sup>®</sup> is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize<sup>®</sup> is a trademark of EMD Crop BioScience Inc.
- Acceleron<sup>®</sup>, Genuity<sup>®</sup>, Roundup Ready<sup>®</sup>, Roundup Ready 2 Yield<sup>®</sup>, SmartStax<sup>™</sup>, VT Double PRO<sup>™</sup>, VT Triple PRO<sup>™</sup>, YieldGard<sup>®</sup>, YieldGard VT Rootworm/RR2<sup>™</sup>, and YieldGard VT Triple<sup>®</sup> are trademarks of Monsanto Technology LLC.
- Agrisure<sup>®</sup>, ApronMaxx<sup>®</sup>, ApronXL<sup>®</sup>, Avicta<sup>®</sup>, Cruiser<sup>®</sup>, CruiserMaxx<sup>®</sup>, and Viptera<sup>™</sup> are trademarks of Syngenta.
- Inovate<sup>™</sup> System is a trademark of Valent