

2010 BETTER HYBRIDS Harvest Report for South Dakota North East [SDNE]

EARLY SEASON TEST

Greg Bich, Beadle County, SD 57324 [CAVOUR]

91 - 96 Day CRM

PREV. CROP/HERB: Soybean / Roundup B0SDNE08a
SOIL DESCRIPTION: Houdek-Prosper sandy loam, poor drained, minimum w/o fall till, non-irrigated
SOIL CONDITIONS: Mod. Low P, mod. low K, 5.8 pH, 2.8% OM
PEST MANAGEMENT: Roundup 30" ROW SPACING
FERTILITY - Applied N: 120 Spring,
Applied N-P-K (units): 120-65-0
SEEDED - RATE: May 4 26,700 /A TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)
HARVESTED - STAND: Oct 18 25,500 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	G2 5X-895 [^]	HXT,RR2	C250	112.0	12.0	4.7	27.1	\$484.4	1
Mustang	4313VT3	VT3	P250	105.1	11.3	12.7	22.3	\$456.4	2
NuTech	5N-695	3000GT	C250	101.8	12.7	9.0	23.7	\$438.5	3
Gold Country	96-22	SS	P250	100.0	11.1	2.0	27.1	\$434.8	4
Producers	5314VT3	VT3	P250	99.6	11.4	4.7	25.2	\$432.3	5
NuTech	5N-197A	3000GT	C250	98.6	13.1	1.0	24.2	\$423.2	6
Wensman	W7230VT3	VT3	P250	93.0	12.2	11.7	24.2	\$401.8	10
Mustang	4330VT3	VT3	P250	92.9	11.5	2.0	27.6	\$403.0	7
Mycogen	2J337	VT3	C250	92.8	11.4	2.0	25.6	\$402.8	8
Fielders Choice	NG6455	VT3	P250	92.8	11.5	10.0	25.2	\$402.5	9
AgVenture	R4926VBW	VT3	P250	92.4	12.0	6.3	23.7	\$399.6	11
Producers	5004VT3	VT3	P250	91.7	11.3	4.7	26.1	\$398.2	12
AgSource	3T-294	VT3	P250	90.3	11.2	4.7	26.1	\$392.4	13
Great Lakes	4555G3VT3	VT3	P250	89.0	11.8	3.7	27.6	\$385.4	14
Kruger	K-6194VT3	VT3	P500, V	88.5	11.2	9.0	25.1	\$384.5	15
Pannar	5A-125	VT3	C250	88.5	11.2	10.0	26.6	\$384.5	16
Wensman	W7107VT3	VT3	P250	87.8	11.3	10.0	26.1	\$381.3	17
AgVenture	R3530VBW	VT3	P250	87.1	11.5	3.0	20.3	\$377.8	19
Pannar	4E-705	VT3	C250	86.9	10.4	3.7	27.1	\$379.3	18
Fielders Choice	NG6420	VT3	P250	86.6	11.1	10.0	26.1	\$376.5	20
Mustang	3026	GT/CB/LL	C250	86.3	11.5	30.0	26.1	\$374.3	21
AgVenture	GL4342AB	GT/CB/LL	P250	85.4	11.7	11.0	25.7	\$370.0	22
Great Lakes	4481G3VT3	VT3	P250	84.3	11.4	5.7	24.7	\$365.9	23
Croplan	3424VT3 GC	VT3	C250	84.3	11.4	23.0	26.1	\$365.9	24
Stine	9311VT3Pro	VT3P	P250	84.1	11.0	3.0	27.6	\$365.8	25
Rea	4V653	VT3P	P250	84.0	11.3	7.0	23.7	\$364.8	26
Dekalb	DKC44-92 GC	RR2	P250	82.6	11.4	7.0	27.6	\$358.5	27
Dekalb	DKC46-60 GC	VT3	P250	81.4	11.3	7.0	24.7	\$353.5	28
AgSource	3T-393	VT3	C250	79.1	11.2	7.0	22.7	\$343.7	30
Dairyland	ST9395	VT3	C250	78.4	10.7	4.7	23.7	\$341.6	31
Channel	195-99VT3 CK	VT3	C250	81.6	12.2	2.0	26.1	\$352.5	29
Test Average =				78.9	11.4	10.8	25.5	\$342.2	
LSD (0.10) =				28.5	0.9	18.3			
C.V. =				26.6	5.7				

TEST COMMENTS: A tough year in the Huron area. In mid June the crop was looking ok and I was optimistic about the plot. Mother nature had her own plans. More heavy rains and winds took their toll causing green snap. Most of the early summer, excessive moisture was the main issue, by August it got too hot and dry. Lat: N44.3895, Long: W98.07388

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$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, VT2P, VT3, VT3P; LibertyLink - 3000GT, HX, HXT, LL, SS

^{††} IST: AVC - Avicta Complete, 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 chosen product, * = brands without a seed lot number ns = not significantly different

2010 BETTER HYBRIDS Harvest Report for South Dakota North East [SDNE]
FULL SEASON TEST

Greg Bich, Beadle County, SD 57324 [CAVOUR]

97 - 100 Day CRM

PREV. CROP/HERB: Soybean / Roundup

B0SDNE08b

SOIL DESCRIPTION: Houdek-Prosper sandy loam, poor drained, minimum w/o fall till, non-irrigated

SOIL CONDITIONS: Mod. Low P, mod. low K, 5.8 pH, 2.8% OM

PEST MANAGEMENT: Roundup

30" ROW SPACING

FERTILITY - Applied N: 120 Spring,

Applied N-P-K (units): 120-65-0

SEEDED - RATE: May 4 26,700 /A

TOP 30 OF 36 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 18 24,300 /A

AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	G2 5H-999 [*]	HX,RR2	C250	98.5	11.5	4.7	24.7	\$427.2	1
Mycogen	2H490	SS	C250	89.0	15.4	3.7	22.7	\$377.4	5
Fielders Choice	NG6510	VT3	P250	88.9	12.0	1.0	24.2	\$384.5	2
NuTech	3T-300	VT3	C250	88.3	11.5	9.7	23.2	\$383.0	3
Mustang	436VT3	VT3	P250	87.2	11.4	3.7	24.7	\$378.4	4
Stine	941VT3	VT3	P250	84.5	11.1	2.0	22.7	\$367.4	6
Dekalb	DKC50-66 GC	VT3	P250	84.0	11.6	1.0	23.7	\$364.1	8
Producers	5784VT3	VT3	P250	83.9	11.2	6.3	24.7	\$364.5	7
AgVenture	RL5039HB	HX,RR2	C250	83.1	12.1	17.0	22.2	\$359.2	9
Stine	9421RR	RR2	P250	81.5	12.0	3.0	25.2	\$352.5	10
Gold Country	96-22	SS	P250	80.7	11.2	2.0	27.1	\$350.6	11
Wensman	W7273VT3	VT3	P250	79.9	11.6	0.0	27.1	\$346.4	12
NuTech	3T-401	VT3	C250	77.3	13.1	2.0	23.7	\$332.2	17
Mycogen	2P486	SS	C250	77.0	10.8	4.7	22.7	\$335.3	14
Gold Country	98-90	VT3P	P250	76.3	11.8	7.0	25.2	\$332.5	16
Pannar	5D-303	VT3	C250	76.7	11.2	8.7	27.1	\$333.3	15
Wensman	W7270VT3Pro	VT3P	P250	72.5	11.5	1.0	26.6	\$314.5	18
Gold Country	94-28	VT3	P250	69.7	11.0	9.0	25.6	\$303.2	19
King	8111GT GC	GT	None	67.9	11.2	1.0	22.3	\$295.0	20
Pannar	5B-900	VT3	C250	67.3	11.6	3.0	21.3	\$291.7	21
Wensman	W7267VT3	VT3	P250	66.2	10.2	1.0	24.2	\$289.3	22
Mycogen	2C441	HXT,RR2	C250	65.6	11.8	1.0	21.3	\$284.0	23
Dairyland	ST9500Q	HXT,RR2	C250	65.1	16.3	1.0	26.1	\$274.6	27
NuTech	5N-001	3000GT	C250	64.3	10.9	19.0	25.2	\$279.9	24
NuTech	3T-098	VT3	C250	64.2	11.2	3.0	23.2	\$278.9	25
NuTech	G2 5X-500 [^]	HXT,RR2	C250	64.0	11.2	3.0	22.2	\$278.1	26
Kruger	K-6399VT3	VT3	P250	63.1	11.2	2.0	26.1	\$274.2	28
NuTech	G2 5H-700 [^]	HX,RR2	C250	62.4	11.8	1.0	25.6	\$270.2	29
NuTech	G2 5X-598A [^]	HXT,RR2	C250	61.4	11.6	48.7	23.2	\$266.2	30
Great Lakes	5090G3VT3	VT3	P250	60.9	11.6	1.0	23.7	\$264.0	31
Channel	195-99VT3 CK	VT3	C250	77.8	12.0	18.0	24.2	\$336.5	13
Test Average =				72.0	11.7	6.7	24.3	\$312.1	
LSD (0.10) =				26.7	2.2	14.9			
C.V. =				27.2	14.1				

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

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Report Date: 10/25/2010

Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^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 Seed. XL[™] brand seed is distributed by Beck's Superior Hybrids. G2[®], HPT[®], RPM[®], and XL[™] are trademarks of Pioneer Hi-Bred.

Technologies

3110	Agrisure [®] Viptera [™] 3110
3111	Agrisure [®] Viptera [™] 3111
3000GT	Agrisure [®] 3000GT
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 [®]
RR	Roundup Ready [®] Soybeans
RR2	Roundup Ready [®] Corn 2
RR2Y	Genuity [™] Roundup Ready 2 Yield [®]
SS	Genuity [™] SmartStax [™]
STS	STS [®]
VT2	YieldGard VT Rootworm/RR2 [™]
VT2P	Genuity [™] VT Double PRO [™]
VT3	YieldGard VT Triple [®]
VT3P	Genuity [™] VT Triple PRO [™]
YGCB	YieldGard [®] Corn Borer
YGCB,RR2	YieldGard [®] Corn Borer/Roundup Ready [®] Corn 2
YGPL,RR2	YieldGard [®] Plus/Roundup Ready [®] Corn 2
YGRW,RR2	YieldGard [®] Rootworm/Roundup Ready [®] Corn 2

Seed Treatments

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

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