

**2009 BETTER HYBRIDS Harvest Report for South Dakota North East [ SDNE ]**
**EARLY SEASON TEST**

Paul Dumman, Grant County, SD 57266 [ SUMMIT ]

**91 - 96 Day CRM**

PREV. CROP/HERB: Wheat / Roundup B9SDNE11a  
 SOIL DESCRIPTION: Brookings silt loam, moderately drained, minimum w/o fall till, non-irrigated  
 SOIL CONDITION: high P, high K, 6.1 pH, 4.6% OM  
 PEST MANAGEMENT: Roundup, Force 30" ROW SPACING  
 FERTILITY - Applied N: 120 Spring,  
 Applied N-P-K (units): 120-0-0  
 SEEDING - RATE: May 12 28,000 /A **TOP 30 OF 42 BRANDS FOR GROSS INCOME (SORTED BY YIELD)**  
 HARVESTED - STAND: Nov 17 26,900 /A AVERAGE of (3) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY <sup>†</sup>	IST <sup>††</sup>	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME \$/Acre	Rank
Rea Hybrids	4T286	YGVT3	P250	122.5	32.6	0.0	26.5	\$310.2	1
Rea Hybrids	3T544*	YGVT3	P250	113.3	34.8	0.0	27.9	\$273.2	4
Channel	194-70VT3	YGVT3	P250	110.9	30.6	0.0	27.4	\$293.0	2
Gold Country	96-22VT3	YGVT3	P250	110.9	33.2	0.0	25.6	\$277.1	3
Fielders Choice	NG6420	YGVT3	P250	110.2	33.6	0.0	27.4	\$273.0	5
NuTech Seed	3T-098	YGVT3	C250	108.0	38.9	0.0	26.5	\$236.0	23
Stine	9204VT3	YGVT3	P250	107.5	33.0	0.0	25.1	\$269.8	6
Mustang	4313VT3	YGVT3	P250	106.2	36.0	0.0	27.0	\$249.0	11
Prairie Brand	X9092*	YGCB, RR2	P250	103.3	32.6	0.0	25.6	\$261.6	7
NuTech Seed	3T-295	YGVT3	P250	103.1	34.8	0.0	26.0	\$248.6	13
AgSource	3T-894	YGVT3	P250	102.3	32.7	0.0	27.0	\$258.5	9
AgVenture	R4926VBW	YGVT3	P250	102.2	35.3	0.0	26.0	\$243.6	17
Mustang	3319VT3	YGVT3	P250	101.5	33.8	0.0	27.0	\$250.3	10
Fielders Choice	NG6475	YGVT3	P250	100.6	35.8	0.0	27.4	\$237.0	21
Producers	5314VT3	YGVT3	P250	100.2	33.6	0.0	27.4	\$248.2	14
Prairie Brand	958VT3	YGVT3	P250	99.4	34.4	0.0	27.4	\$241.8	19
Kruger	K-6093VT3*	YGVT3	C250	98.5	35.1	0.0	27.9	\$235.9	24
Kruger	K-6295VT3	YGVT3	C250	98.3	34.8	0.0	26.0	\$237.0	22
Pannar	4E-705VT3	YGVT3	C250	98.2	35.4	0.0	27.0	\$233.5	27
NuTech Seed	5X-592	HXT, RR2	C250	98.0	32.5	0.0	26.0	\$248.7	12
Producers	XP5524VT3	YGVT3	P250	97.6	35.1	0.0	28.4	\$233.7	26
Fielders Choice	NG6446	YGVT3	P250	97.1	30.1	0.0	29.8	\$259.2	8
Wensman	W8180	YGVT3	P250	97.0	34.6	0.0	28.4	\$234.9	25
Pannar	4B-910VT3	YGVT3	C250	96.9	32.6	0.0	24.6	\$245.4	15
G2 Genetics	5X-594*	HXT, RR2	C250	96.9	35.3	0.0	24.6	\$231.0	29
AgSource	3C-889A	YGCB, RR2	P250	95.8	33.0	0.0	27.9	\$240.5	20
Dahlco	DS-7951	CB, LL, GT	P250	95.7	35.1	0.0	29.3	\$229.2	30
Channel	193-45R	RR2	P250	94.4	32.0	0.0	24.2	\$242.1	18
Gold Country	94-29R*	RR2	P250	94.0	33.5	0.0	25.1	\$233.4	28
Gold Country	95-11VT3	YGVT3	P250	91.5	30.0	0.0	25.1	\$244.8	16
Dekalb	DKC44-92 CK	RR2	P250	84.6	34.7	0.0	28.4	\$204.4	37
Test Average =				97.1	34.5	0.0	26.9	\$236.0	
LSD (0.10) =				22.2	1.0	0.0			
C.V. =				16.8	2.2				

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *The fifth coolest summer on record really hurt the corn crop in this area. The corn looked good in June and had good emergence but lack of adequate heat slowed crop development. Most of the corn crop didn't reach maturity and has stayed wet. The farmer chopped the corn for silage around the plot.*

Lat: N45.2387, Long: W97.09242

Yield &amp; Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.055 Price = \$3.50

<sup>†</sup> **TECHNOLOGY:** Corn Borer - 3KGT, CB, HX1, HXT, YGCB, YGPL, YGVT3; Corn Rootworm - 3KGT, HXT, RW, YGPL, YGRW, YGVT2, YGVT3; Clearfield - CL; Glyphosate - 3KGT, GT, RR2, YGVT2, YGVT3; Liberty - 3KGT, HX1, HXT, LL

<sup>††</sup> **IST:** C250, C1250 - Cruiser @ 0.25 and 1.25 g ai/seed. P250, P500, and P1250 - Poncho @ 0.25, 0.5 and 1.25 g ai/seed.

 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. \* = brands without a seed lot number ^ = discontinued brand.



# F.I.R.S.T.<sup>®</sup>

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## 2009 BETTER HYBRIDS Harvest Report for South Dakota North East [ SDNE ]

## FULL SEASON TEST

Paul Dumman, Grant County, SD 57266 [ SUMMIT ]

97 - 100 Day CRM

PREV. CROP/HERB: Wheat / Roundup

B9SDNE11b

SOIL DESCRIPTION: Brookings silt loam, moderately drained, minimum w/o fall till, non-irrigated

SOIL CONDITIONS: high P, high K, 6.1 pH, 4.6% OM

PEST MANAGEMENT: Roundup, Force

30" ROW SPACING

FERTILITY - Applied N: 120 Spring,

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

SEEDED - RATE: May 12 28,000 /A

TOP 30 OF 48 BRANDS FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Nov 17 26,600 /A

AVERAGE of (3) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY <sup>†</sup>	IST <sup>††</sup>	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME \$/Acre	Rank
Gold Country	101-01VT3	YGVT3	P250	118.1	36.6	0.0	27.9	\$273.0	1
Mustang	4367VT3	YGVT3	P250	99.6	36.3	0.0	27.0	\$231.9	2
Kruger	K-6200VT3*	YGVT3	P250	96.8	36.2	0.0	26.0	\$225.9	3
Dyna-Gro	54V78*	YGVT3	P250	93.1	35.2	0.0	24.2	\$222.4	4
Rea Hybrids	4T918*	YGVT3	P250	91.6	38.2	0.0	27.0	\$203.7	6
Gold Country	100-09VT3	YGVT3	P250	91.1	36.1	0.0	26.0	\$213.1	5
AgSource	5B-398	CB, LL, GT	C250	87.1	38.2	0.0	26.5	\$193.7	8
Fielders Choice	NG6520	YGVT3	P250	87.1	41.3	0.0	26.5	\$178.9	13
Dairyland	9500Q	HXT, RR2	P250	86.3	39.7	0.0	27.4	\$184.8	10
Dyna-Gro	54V29*	YGVT3	P250	85.4	36.3	0.0	25.6	\$198.9	7
Mustang	5500GTCBLL	CB, LL, GT	P250	83.8	40.7	0.0	26.5	\$174.8	14
Producers	XP5804VT3	YGVT3	P250	83.1	38.2	0.0	29.3	\$184.8	11
G2 Genetics	5H-501	HX1, RR2	C250	81.5	36.7	0.0	23.2	\$188.0	9
Rea Hybrids	5T750*	YGVT3	P250	79.3	37.6	0.0	27.4	\$179.0	12
Great Lakes	4689G3VT3*	YGVT3	P250	78.9	42.9	0.0	26.5	\$155.1	22
Channel	199-55VT3	YGVT3	C250	78.2	40.0	0.0	26.5	\$166.2	18
Mustang	4322VT3	YGVT3	P250	74.5	37.7	0.0	28.4	\$167.7	16
Dahlco	DS-4415*	YGVT3	P250	74.1	38.4	0.0	26.5	\$164.0	19
G2 Genetics	5H-999	HX1, RR2	C250	72.6	35.4	0.0	26.0	\$172.6	15
Fielders Choice	NG6548	YGVT3	P250	72.5	40.5	0.0	27.0	\$152.1	24
Stine	9417VT3	YGVT3	P250	72.2	43.2	0.0	27.0	\$140.7	27
Pannar	5B-960VT3	YGVT3	C250	72.0	36.6	0.0	28.4	\$166.5	17
Prairie Brand	988VT3	YGVT3	P250	70.0	37.4	0.0	26.0	\$158.8	20
Producers	5734VT3	YGVT3	P250	69.6	42.9	0.0	26.5	\$136.8	30
AgVenture	R5677/VBW*	YGVT3	P250	69.4	38.2	0.0	26.0	\$154.3	23
Dahlco	DS-3961*	YGVT3	P250	68.8	37.0	0.0	23.7	\$157.6	21
Wensman	W7273VT3	YGVT3	P250	67.3	42.6	0.0	27.4	\$133.4	31
AgSource	3T-601	YGVT3	P250	65.4	38.5	0.0	26.5	\$144.4	26
Wensman	W7270VT3	YGVT3	P250	65.1	39.6	0.0	27.0	\$139.8	28
Kruger	K-6298VT3	YGVT3	C250	62.4	38.1	0.0	26.5	\$139.1	29
Dekalb	DKC44-92 CK	RR2	P250	67.5	38.6	0.0	27.9	\$148.6	25
Test Average =				71.8	39.8	0.2	26.6	\$154.7	
LSD (0.10) =				18.8	3.4	2.8			
C.V. =				19.2	6.2				

**TEST COMMENTS:** The fifth coolest summer on record really hurt the corn crop in this area. The corn looked good in June and had good emergence but lack of adequate heat slowed crop development. Most of the corn crop didn't reach maturity and has stayed wet. The farmer chopped the corn for silage around the plot. Lat: N45.2387, Long: W97.09242

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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. \* = brands without a seed lot number ^ = discontinued brand.

Complete products tested list available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report Date: 11/19/2009

Revised: