

2005 BETTER HYBRIDS Harvest Report for Western Siouxland [WESL]
FULL SEASON TEST

Tom Heine, Yankton County, Fordyce, NE [Yankton]

109-112 Day CRM
SOIL CONDITIONS: Haynie silty clay loam overwash
 No-till, Center Pivot irrigation

PREVIOUS CROP/HERB: Soybeans - Roundup

FERTILITY PROGRAM: 216-78-40 applied early spring

PEST MANAGEMENT: Outlook, Callisto

PLANTED - SEEDING: April 28 - 32,000

TOP 30 HYBRIDS FOR YIELD OF 54 TESTED
HARVESTED - STAND: October 17 - 28,300

AVERAGE of (3) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY	IST	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
Producers	6943YGCBRR	YGCB, RR2	P250	235.2	15.7	0.0	28.1	\$487.7
Kaystar	KX-7980Bt	YGCB	C125	234.8	15.1	0.0	29.5	\$492.5
Dekalb	DKC61-72	RR2	P250	234.6	15.3	0.0	28.7	\$490.2
Heine	827YGCB	YGCB	P250	231.7	17.8	0.0	28.9	\$460.9
Producers	7284YGCB	YGCB	C125	231.2	16.1	0.0	28.0	\$475.1
Kaystar	KX-8615Bt	YGCB	C125	228.3	15.7	0.0	29.2	\$473.0
Crows	4963B	YGCB	C250	227.2	17.3	0.0	28.7	\$456.3
Dyna-Gro	57F70	YGCB	P250	227.0	16.0	0.0	28.1	\$467.9
Pioneer	33B51	YGCB	P250	226.8	17.6	0.0	28.9	\$452.6
Dyna-Gro	109	YGCB	P250	226.8	16.3	0.0	28.4	\$464.7
Kruger	K-9910YGCB	YGCB	P250	226.3	14.7	0.0	29.5	\$478.0
AgSource	5973	YGCB	C125	225.7	16.1	0.0	28.6	\$464.4
Renk	RK877YGCB	YGCB	C125	225.2	15.6	0.0	27.3	\$467.6
NC+ Hybrids	NC+5423B	YGCB		223.7	18.4	0.0	27.3	\$439.3
Production Partners	2209HX	HX1, LL	P250	223.7	15.2	0.0	28.0	\$468.2
Great Lakes	5961BtRR	YGCB, RR	P250	223.6	15.9	0.0	28.6	\$461.9
Dekalb	DKC60-18	YGPL, RR2	P250	223.0	17.3	0.0	29.5	\$448.1
Circle Seed	CS-8414HX	HX1, LL	P250	222.7	17.8	0.0	28.9	\$442.4
Heine	851YGCB	YGCB	P250	222.4	17.9	1.3	27.7	\$441.4
Garst	8566YG1	YGCB	P250	221.6	16.2	0.0	25.5	\$454.6
LG Seeds	LG2540Bt	YGCB	P250	220.7	15.8	0.0	29.5	\$456.8
Heartland	ST41-12	YGCB	P250	220.2	15.9	0.0	26.8	\$454.8
NuTech Seed	NT-4312YGCB	YGCB	P250	219.7	16.5	0.0	28.4	\$448.2
Prairie Brand	1124		P250	217.4	16.4	0.0	28.4	\$444.4
NuTech Seed	NT-4213YGCB	YGCB	C125	217.3	17.6	0.0	29.2	\$434.1
NC+ Hybrids	NC+4823B	YGCB		215.9	16.3	0.0	28.0	\$442.0
Asgrow	RX715RR2	RR2	P250	215.3	16.4	0.0	28.6	\$440.2
Mustang	7911RRYGCB	YGCB, RR	P250	215.3	16.9	0.0	26.8	\$435.4
Channel Bio	X51101RB	YGCB, RR	C250	215.0	16.7	0.0	28.7	\$436.6
Legend	LS5512Bt	YGCB	P250	214.4	15.9	0.0	27.4	\$442.5
→ Otilie RO	4597YGCB	YGCB	C250	209.6	15.6	0.0	28.3	\$435.1
			Test Average =	214.8	16.3	0.0	28.3	\$440.0
			Isd(.10) =	13.8	0.7	ns		
			C.V. =	4.7	3.3			


 F.I.R.S.T. Manager

B5WESLB07

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.040 Price = \$2.10

TECHNOLOGY: CL - Clear Field, LL - LibertyLink, RR, RR2 - Roundup Ready, CB - Corn Borer, HX1 - Herculex
 YGCB - YieldGard Corn Borer, YGRW - YieldGard Rootworm, YGPL - YGCB plus YGRW
IST: C125, C250, C1250 - Cruiser @ .125, .250 and 1.250 g ai/seed. P250 and P1250 - Poncho @ .250 and 1.250 g ai/seed.

→ identifies the check hybrid entered in both early- and full-season tests to assist in comparing the results.

* indicates hybrids tested without a commercial lot number. Hybrids in italics exceed the grain moisture limit for this test.

FIELD NOTES: Conditions were very wet in the spring, turning very dry and very hot during the summer. The center pivot irrigation is largely responsible for the good yield of this site. This is an average crop under irrigation on this farm.

 A list of all the hybrids in this test is available at www.firstseedtests.com

AgSCI Copyright 2005

2005 BETTER HYBRIDS Harvest Report for Western Siouxland [WESL]
FULL SEASON TEST

Tom Heine, Yankton County, Fordyce, NE [Yankton]

109-112 Day CRM
SOIL CONDITIONS: Haynie silty clay loam overwash
 No-till, Center Pivot irrigation

PREVIOUS CROP/HERB: Soybeans - Roundup

FERTILITY PROGRAM: 216-78-40 applied early spring

PEST MANAGEMENT: Outlook, Callisto

PLANTED - SEEDING: April 28 - 32,000

TOP 30 HYBRIDS FOR GROSS INCOME OF 45 TESTED
HARVESTED - STAND: October 17 - 28,300

AVERAGE of (3) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY	IST	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME	
Kaystar	KX-7980Bt	YGCB	C125	234.8	15.1	0.0	29.5	\$492.5	
Dekalb	DKC61-72	RR2	P250	234.6	15.3	0.0	28.7	\$490.2	
Producers	6943YGCBRR	YGCB, RR2	P250	235.2	15.7	0.0	28.1	\$487.7	
Kruger	K-9910YGCB	YGCB	P250	226.3	14.7	0.0	29.5	\$478.0	
Producers	7284YGCB	YGCB	C125	231.2	16.1	0.0	28.0	\$475.1	
Kaystar	KX-8615Bt	YGCB	C125	228.3	15.7	0.0	29.2	\$473.0	
Production Partners	2209HX	HX1, LL	P250	223.7	15.2	0.0	28.0	\$468.2	
Dyna-Gro	57F70	YGCB	P250	227.0	16.0	0.0	28.1	\$467.9	
Renk	RK877YGCB	YGCB	C125	225.2	15.6	0.0	27.3	\$467.6	
Dyna-Gro	109	YGCB	P250	226.8	16.3	0.0	28.4	\$464.7	
AgSource	5973	YGCB	C125	225.7	16.1	0.0	28.6	\$464.4	
Great Lakes	5961BtRR	YGCB, RR	P250	223.6	15.9	0.0	28.6	\$461.9	
Heine	827YGCB	YGCB	P250	231.7	17.8	0.0	28.9	\$460.9	
LG Seeds	LG2540Bt	YGCB	P250	220.7	15.8	0.0	29.5	\$456.8	
Crows	4963B	YGCB	C250	227.2	17.3	0.0	28.7	\$456.3	
Heartland	ST41-12	YGCB	P250	220.2	15.9	0.0	26.8	\$454.8	
Garst	8566YG1	YGCB	P250	221.6	16.2	0.0	25.5	\$454.6	
Pioneer	33B51	YGCB	P250	226.8	17.6	0.0	28.9	\$452.6	
Kruger	K-9111YGCB	YGCB	P250	212.7	14.8	0.0	29.2	\$448.6	
NuTech Seed	NT-4312YGCB	YGCB	P250	219.7	16.5	0.0	28.4	\$448.2	
Dekalb	DKC60-18	YGPL, RR2	P250	223.0	17.3	0.0	29.5	\$448.1	
Prairie Brand	1124		P250	217.4	16.4	0.0	28.4	\$444.4	
Legend	LS5512Bt	YGCB	P250	214.4	15.9	0.0	27.4	\$442.5	
Circle Seed	CS-8414HX	HX1, LL	P250	222.7	17.8	0.0	28.9	\$442.4	
NC+ Hybrids	NC+4823B	YGCB		215.9	16.3	0.0	28.0	\$442.0	
Heine	851YGCB	YGCB	P250	222.4	17.9	1.3	27.7	\$441.4	
Asgrow	RX715RR2	RR2	P250	215.3	16.4	0.0	28.6	\$440.2	
Kruger	K-9212RR/YGCB	YGCB, RR2	P250	212.8	15.8	0.0	29.5	\$439.7	
NC+ Hybrids	NC+5423B	YGCB		223.7	18.4	0.0	27.3	\$439.3	
Pioneer	35Y55	YGCB	P250	206.9	14.7	0.0	29.3	\$436.7	
→ Otilie RO	4597YGCB	YGCB	C250	209.6	15.6	0.0	28.3	\$435.1	
				Test Average =	214.8	16.3	0.0	28.3	\$440.0
				Isd(.10) =	13.8	0.7	ns		
				C.V. =	4.7	3.3			


 F.I.R.S.T. Manager

B5WESLB07

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.040 Price = \$2.10

TECHNOLOGY: CL - Clear Field, LL - LibertyLink, RR, RR2 - Roundup Ready, CB - Corn Borer, HX1 - Herculex
 YGCB - YieldGard Corn Borer, YGRW - YieldGard Rootworm, YGPL - YGCB plus YGRW
IST: C125, C250, C1250 - Cruiser @ .125, .250 and 1.250 g ai/seed. P250 and P1250 - Poncho @ .250 and 1.250 g ai/seed.

→ identifies the check hybrid entered in both early- and full-season tests to assist in comparing the results.

* indicates hybrids tested without a commercial lot number. Hybrids in italics exceed the grain moisture limit for this test.

FIELD NOTES: Conditions were very wet in the spring, turning very dry and very hot during the summer. The center pivot irrigation is largely responsible for the good yield of this site. This is an average crop under irrigation on this farm.

 A list of all the hybrids in this test is available at www.firstseedtests.com

AgSCI Copyright 2005