

2009 BETTER HYBRIDS Harvest Report for Illinois South [ILSO]

George Holsapple, Jasper County, IL 62436 [JEWETT]

EARLY SEASON TEST
108 - 112 Day CRM

PREV. CROP/HERB: Soybean / Roundup B9ILSO15a
 SOIL DESCRIPTION: Cisne clay loam, moderately drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: mod. high P, mod. high K, 6.4 pH, 3% OM
 PEST MANAGEMENT: Roundup, Atrazine 30", TR8" ROW SPACING
 FERTILITY - Applied N: 30 Spring, 140 Sidedress, 7 Foliar
 Applied N-P-K (units): 177-4-62
 SEEDING - RATE: Jun 8 33,000 /A **TOP 30 OF 66 BRANDS FOR GROSS INCOME (SORTED BY YIELD)**
 HARVESTED - STAND: Nov 4 30,300 /A AVERAGE of (3) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME \$/Acre	Rank
Great Lakes	6203	None	P250	184.0	23.6	21.7	30.3	\$672.7	2
Great Heart	HT-194VT3	YGVT3	P250	181.7	21.9	9.7	30.3	\$676.7	1
Great Lakes	5939G3VT3	YGVT3	P250	179.3	22.7	6.7	29.7	\$662.0	4
Arise	629^	None	C250	179.3	24.9	22.7	32.9	\$646.2	8
Dairyland	9410	YGVT3	P250	178.3	21.8	0.3	31.6	\$664.7	3
FS Seeds	FS62JV3	YGVT3	P250	174.8	22.5	1.3	29.0	\$646.8	7
Kruger	K-6010VT3	YGVT3	C250	174.4	20.3	3.7	31.0	\$660.6	5
Croplan	6125VT3	YGVT3	C250	172.8	20.4	13.7	31.0	\$653.9	6
LG Seeds	LG2575VT3	YGVT3	P250	170.9	23.5	19.7	29.0	\$625.5	15
Kruger	K-6410VT3	YGVT3	P250	170.7	20.8	6.7	31.0	\$643.2	9
Croplan	6178RR	RR2	C250	170.7	21.8	1.3	29.0	\$636.4	12
Heritage	8660VT3	YGVT3	P250	170.3	20.7	5.3	32.9	\$642.4	11
Trisler	T-6N52VT3	YGVT3	P250	170.0	20.5	24.3	31.0	\$642.6	10
Beck	5716A3	3KGT	P500	168.6	22.9	29.7	30.3	\$621.1	16
Merschman	M-612D-10	YGVT3	P250	167.6	21.7	16.7	30.9	\$625.5	14
Croplan	6150VT3	YGVT3	C250	167.1	22.6	28.3	30.3	\$617.6	17
Channel	210-57VT3	YGVT3	C250	166.6	20.5	8.7	31.6	\$629.7	13
Horizon	72A06Q*	3KGT	P250	165.3	23.3	13.3	29.7	\$606.3	22
Beck	5779VT3*	YGVT3	P500	164.4	22.5	30.0	31.0	\$608.3	20
AgriGold	A6456VT3	YGVT3	P250	164.0	24.2	5.3	32.2	\$595.6	29
FS Seeds	FS61BV3	YGVT3	P250	163.8	22.4	33.3	30.9	\$606.7	21
Fielders Choice	NG6776	YGVT3	P250	163.6	21.1	37.7	31.6	\$614.5	18
Heritage	4676VT3	YGVT3	P250	162.7	22.2	8.3	31.0	\$603.9	23
FS Seeds	FS60S44	3KGT	P250	161.7	22.7	20.3	29.7	\$597.0	28
LG Seeds	LG2549VT3	YGVT3	P250	161.7	23.0	5.7	27.7	\$595.1	30
Stone	7T728	YGVT3	P250	161.4	20.1	5.3	30.3	\$612.7	19
Channel	210-61VT3	YGVT3	C250	161.3	21.5	1.7	27.1	\$603.3	25
Dyna-Gro	57V40	YGVT3	P250	161.2	21.6	11.0	30.3	\$602.2	26
Beck	5442VT3*	YGVT3	P500	160.7	21.1	28.3	29.0	\$603.6	24
G2 Genetics	5X-909B	HXT, RR2	C250	158.8	20.6	1.3	32.3	\$599.6	27
AgriGold	A6457VT3 CK	YGVT3	P250	146.0	21.6	16.7	29.7	\$545.5	53
Test Average =				156.9	22.4	18.9	30.3	\$581.8	
LSD (0.10) =				23.0	1.8	22.4			
C.V. =				10.8	5.9				

TEST COMMENTS: *One rep minimum planted in twin rows spaced 8" apart on 30" centers. Due to continuous/abundant rains, post herbicide applications were not possible to control waterhemp throughout the trial. T-Storms after Labor Day, caused inconsistent root lodging creating inconsistent yield results. [Wind tunneling]*

Lat: N39.16673, Long: W88.27275

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.040 Price = \$4.00

[†] **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

^{††} **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.

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FULL SEASON TEST
113 - 116 Day CRM

PREV. CROP/HERB: Soybean / Roundup B9ILSO15b
 SOIL DESCRIPTION: Cisne clay loam, moderately drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: mod. high P, mod. high K, 6.4 pH, 3% OM
 PEST MANAGEMENT: Roundup, Atrazine 30", TR8" ROW SPACING
 FERTILITY - Applied N: 30 Spring, 140 Sidedress, 7 Foliar
 Applied N-P-K (units): 177-4-62
 SEEDING - RATE: Jun 8 33,000 /A **TOP 30 OF 66 BRANDS FOR GROSS INCOME (SORTED BY YIELD)**
 HARVESTED - STAND: Nov 4 30,300 /A AVERAGE of (3) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME \$/Acre	Rank
FS Seeds	FS65A00	None	P250	182.7	22.5	13.7	29.7	\$676.0	1
Merschman	M-1016	None	P250	177.1	21.3	0.7	31.0	\$663.8	2
Beck	6288A3	3KGT	C250	176.5	21.5	1.3	29.7	\$660.1	3
Fielders Choice	NG6818	YGVT3	P250	175.0	21.0	22.0	31.0	\$658.0	4
LG Seeds	LG2642VT3	YGVT3	P250	172.0	20.5	29.7	31.0	\$650.2	5
Mycogen	2V732	YGVT3	C250	170.0	22.0	6.3	30.3	\$632.4	6
Trisler	T-8A02VT3	YGVT3	P250	169.3	22.2	54.0	30.3	\$628.4	8
G2 Genetics	5H-615	HX1, RR2	C250	168.8	21.6	6.7	30.3	\$630.6	7
G2 Genetics	5H-915	HX1, RR2	C250	168.1	22.9	20.3	27.7	\$619.3	11
Gateway	8816	YGVT3	P250	168.1	23.9	8.3	31.6	\$612.6	15
Stine	9726VT3	YGVT3	P250	166.0	22.0	41.7	31.6	\$617.5	12
Croplan	7505VT3	YGVT3	C250	165.7	20.7	3.0	29.7	\$625.0	9
Great Heart	HT-333VT3	YGVT3	P250	165.4	22.9	12.0	28.4	\$609.3	17
Channel	216-63VT3	YGVT3	P250	165.3	21.2	9.7	30.3	\$620.2	10
Golden Harvest	H-9127-3000GT	3KGT	C250	165.1	23.9	29.7	29.7	\$601.6	24
Great Heart	HT-317VT3	YGVT3	P250	164.9	22.0	32.7	31.6	\$613.4	14
Horizon	73PV36R*	YGVT3	P250	164.1	22.5	15.0	30.3	\$607.2	18
Garst	83C55-3000GT	3KGT	C250	163.9	21.6	1.7	31.0	\$612.3	16
LG Seeds	LG2620VT3	YGVT3	P250	163.5	21.2	1.3	31.6	\$613.5	13
Great Lakes	6576G3VT3	YGVT3	P250	163.4	22.2	15.0	31.0	\$606.5	20
Great Lakes	6455G3VT3	YGVT3	P250	163.1	22.4	8.0	30.3	\$604.1	22
Croplan	6725VT3	YGVT3	C250	162.6	23.2	12.0	29.7	\$597.1	26
AgriGold	A6632VT3	YGVT3	P250	162.3	21.9	5.3	29.0	\$604.4	21
Mycogen	2Y739	HXT, RR2	C250	161.7	21.7	27.7	31.0	\$603.5	23
Kruger	K-6213VT3	YGVT3	C250	161.7	22.5	1.7	30.9	\$598.3	25
FS Seeds	FS65BV3	YGVT3	P250	161.4	21.0	10.7	31.6	\$606.9	19
Arise	730VT3^	YGVT3	C250	159.4	21.7	0.0	30.3	\$594.9	28
LG Seeds	LG2641VT3	YGVT3	P250	159.3	22.1	33.7	30.3	\$592.0	29
Kruger	K-6214VT3	YGVT3	P250	157.6	20.5	32.7	29.0	\$595.7	27
Channel	213-32VT3	YGVT3	P250	157.5	21.3	29.7	31.6	\$590.3	30
AgriGold	A6457VT3 CK	YGVT3	P250	129.8	23.6	48.7	29.7	\$474.5	65
Test Average =				157.0	22.4	18.9	30.3	\$581.8	
LSD (0.10) =				26.2	2.7	28.6			
C.V. =				12.4	9.0				

TEST COMMENTS: One rep minimum planted in twin rows spaced 8" apart on 30" centers. Due to continuous/abundant rains, post herbicide applications were not possible to control waterhemp throughout the trial. T-Storms after Labor Day, caused inconsistent root lodging creating inconsistent yield results. [Wind tunneling]

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