

2010 BETTER HYBRIDS Harvest Report for Illinois North [ILNO]

Randy Faber, Lee County, IL 61367 [SUBLETTE]

EARLY SEASON TEST
106 - 109 Day CRM

PREV. CROP/HERB: Corn / Lumax B01LN017a
 SOIL DESCRIPTION: Muscatine/St. Charles silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.4 pH, 2.5% OM
 PEST MANAGEMENT: Lumax, Headline, Force 30" ROW SPACING
 FERTILITY - Applied N: 155 Spring, 15 Sidedress,
 Applied N-P-K (units): 170-0-0
 SEEDING - RATE: Apr 19 37,500 /A TOP 30 OF 81 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 17 35,200 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Croplan	6125VT3	VT3	C250	241.3	22.1	1.0	32.6	\$896.7	1
Dyna-Gro	57V40	VT3	P250	241.1	24.0	1.0	34.4	\$877.6	4
Beck	XL 5377HR ^{^*}	HX,RR2	P500	237.6	20.8	1.0	33.5	\$895.3	2
NuTech	3T-110	VT3	C250	235.3	24.6	2.0	36.2	\$850.8	14
Jung	7V635	VT3P	P250	235.0	21.6	2.0	35.3	\$878.0	3
NuTech	G2 5X-411 [^]	HXT,RR2	C250	234.9	22.1	1.0	35.3	\$872.9	6
Jung	7681VT3	VT3	P250	234.8	21.9	2.0	35.3	\$874.4	5
Great Lakes	5939G3VT3	VT3	P250	233.8	22.2	1.0	34.4	\$867.9	10
NuTech	G2 5X-909 [^]	HXT,RR2	C250	233.8	23.1	1.0	36.2	\$859.4	11
Steyer	10903VT3P [*]	VT3P	P250	233.1	21.7	1.0	36.2	\$869.9	8
Jung	7755VT3	VT3	P250	230.8	20.8	2.0	35.3	\$869.7	9
Stine	9528VT3Pro	VT3P	P250	230.7	25.5	1.0	32.6	\$825.9	26
LG Seeds	LG2529VT3Pro	VT3P	P250	229.6	20.2	1.0	34.4	\$870.6	7
LG Seeds	LG2549VT3	VT3	P250	228.3	24.0	2.0	33.5	\$831.0	24
Stine	9531VT3Pro	VT3P	P250	227.9	23.6	1.0	35.3	\$833.2	22
Dekalb	DKC57-50	VT3	P250	227.8	22.1	1.0	37.1	\$846.5	15
Trelay	6ST576	SS	P250	226.7	20.7	2.0	38.1	\$855.1	12
Trelay	7VP164	VT3P	P250	226.5	21.8	1.0	34.4	\$844.4	16
Beck	5244VT3 [*]	VT3	P500	226.5	21.9	3.0	35.3	\$843.5	17
NuTech	G2 5X-007A [^]	HXT,RR2	C250	225.5	20.6	1.0	32.5	\$851.5	13
Kruger	K-6107VT3	VT3	C250	225.1	21.9	2.0	34.4	\$838.3	20
AgriGold	A6458VT3	VT3	P250	224.1	23.4	1.0	35.3	\$821.1	29
Croplan	5415VT3P	VT3P	C250	223.5	20.8	1.0	36.2	\$842.1	18
Heritage	4602VT3	VT3	P250	222.1	22.6	2.0	31.6	\$820.9	30
AgriGold	A6389VT3	VT3	P250	222.0	20.5	1.0	35.3	\$839.2	19
Channel	209-19VT3	VT3	P250	221.8	22.3	4.7	36.2	\$822.4	28
FS Seeds	FS58SV3	VT3	P250	221.3	22.1	3.7	37.1	\$822.4	27
Renk	RK744VT3	VT3	P250	220.9	20.6	1.0	35.3	\$834.1	21
YIELDirect	4M59-VT3	VT3	C250	220.2	20.5	2.0	38.1	\$832.4	23
Wyffels	W5281	VT3	P250	219.4	20.6	3.0	34.4	\$828.5	25
Pioneer	P0916XR CK	HX,RR2	P250	206.8	21.5	1.0	37.1	\$773.4	63
Test Average =				217.0	22.0	1.4	35.2	\$807.1	
LSD (0.10) =				11.3	1.4	1.5			
C.V. =				3.9	4.9				

TEST COMMENTS: All hybrids still had good healthy stalks, all lodging scores are attributed to root lodging. Almost all plants had excellent ear retention. There was scattered cases of Goss's wilt present. Most hybrids pollinated the entire ear to the tip, and had good kernel depth. Lat: N41.61424, Long: W89.18954

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.040 Price = \$4.00

[†] 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 Illinois North [ILNO]

Randy Faber, Lee County, IL 61367 [SUBLETTE]

FULL SEASON TEST
110 - 113 Day CRM

PREV. CROP/HERB: Corn / Lumax BOILNO17b
 SOIL DESCRIPTION: Muscatine/St. Charles silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.4 pH, 2.5% OM
 PEST MANAGEMENT: Lumax, Headline, Force 30" ROW SPACING
 FERTILITY - Applied N: 155 Spring, 15 Sidedress,
 Applied N-P-K (units): 170-0-0
 SEEDED - RATE: Apr 19 37,500 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 17 35,000 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Beck	5442VT3	VT3	P500	258.6	24.6	1.0	35.3	\$935.1	1
Stine	9731VT3Pro	VT3P	P250	257.8	25.8	1.0	33.5	\$919.8	2
LG Seeds	LG2620VT3	VT3	P250	254.3	26.4	1.0	35.3	\$901.2	3
Merschman	Stine M-911C-10	VT3	P500	252.4	27.6	1.0	37.1	\$882.4	4
Great Lakes	6354G3VT3	VT3	P250	251.5	28.7	2.0	38.1	\$868.2	7
NuTech	3T-713	VT3	C250	247.9	26.7	3.0	35.3	\$875.6	5
Channel	213-32VT3	VT3	P250	247.6	27.2	1.0	34.4	\$869.6	6
AgriGold	A6533VT3	VT3	P250	242.9	27.9	1.0	35.3	\$846.3	17
Dairyland	ST9313	VT3	C250	241.6	25.9	1.0	31.6	\$861.1	9
Beck	5716A3	3000GT	P500	240.4	26.8	1.0	33.4	\$848.1	15
Mycogen	2H735	RR2	C250	240.1	25.1	2.0	36.2	\$863.4	8
Golden Harvest	H-9429 3000GT	3000GT	C500	239.1	25.8	1.0	35.3	\$853.1	13
Renk	RK848VT3P	VT3P	P250	238.2	24.9	5.7	33.5	\$858.5	11
Golden Harvest	H-8969 3000GT	3000GT	C500	238.1	27.0	1.0	35.3	\$838.1	24
Stone	6N52VT3	VT3	P250	238.0	27.0	1.0	35.3	\$837.8	25
AgriGold	A6476VT3	VT3	P250	237.0	25.9	1.0	31.6	\$844.7	19
Kruger	K-6010VT3	VT3	C250	236.6	25.7	1.0	33.5	\$845.1	18
Great Lakes	6229G3VT3	VT3	P250	236.3	25.7	2.0	36.2	\$844.1	20
Steyer	11002-3000GT	3000GT	C250	236.3	25.9	1.0	34.4	\$842.2	22
Trelay	7T630	VT3	P250	236.3	26.4	1.0	32.6	\$837.4	28
FS Seeds	FS61BX1	SS	P250	235.8	26.2	1.0	33.5	\$837.6	26
LG Seeds	LG2616VT3	VT3	P250	235.6	24.5	3.0	38.1	\$852.9	14
Croplan	6425VT3P	VT3P	C250	235.6	26.0	1.0	36.2	\$838.7	23
Channel	209-77VT3	VT3	P250	235.5	24.4	1.0	36.2	\$853.5	12
Wyffels	W6871	VT3	P250	234.6	24.7	2.0	34.4	\$847.4	16
FS Seeds	FS60MV4	VT3P	P250	234.1	26.1	1.0	36.2	\$832.5	30
Beck	XL 6077HR**	HX,RR2	P500	234.0	23.2	1.0	31.6	\$859.2	10
Fielders Choice	NG6789 GC	VT3	P250	233.6	25.4	2.0	32.5	\$837.2	29
Heritage	4642VT3	VT3	P250	232.8	24.5	1.0	33.5	\$842.7	21
Dekalb	DKC61-69	VT3	P250	230.6	24.2	1.0	35.3	\$837.5	27
Pioneer	P0916XR CK	HX,RR2	P250	206.2	23.9	1.0	35.3	\$751.4	68
Test Average =				228.9	25.7	1.5	35.0	\$817.1	
LSD (0.10) =				15.8	2.2	1.3			
C.V. =				5.1	6.4				

TEST COMMENTS: All hybrids still had good healthy stalks, all lodging scores are attributed to root lodging. Almost all plants had excellent ear retention. There was scattered cases of Goss's wilt present. Most hybrids pollinated the entire ear to the tip, and had good kernel depth.

Lat: N41.61424, Long: W89.18954

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.040 Price = \$4.00

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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. **GC** = grower chosen product, * = brands without a seed lot number **ns** = not significantly different



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 [™]

Trademarks

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