

2012 BETTER HYBRIDS Harvest Report for Illinois South [ILSO]

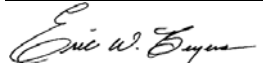
David Soltwedel, Effingham County, IL 62461 [SHUMWAY]

EARLY SEASON TEST

107 - 112 Day CRM

PREV. CROP/HERB: Soybean / Stealth, Roundup PowerMax B2ILSO21a
 SOIL DESCRIPTION: Darmstat silt loam, mod. poor drained, conventional w/o fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 7 pH, 2.3% OM
 PEST MANAGEMENT: Force, Lexar, Tombstone, Halex GT 30" ROW SPACING
 FERTILITY - Applied N: 184 Spring
 Applied N-P-K (units): 184-0-0
 SEEDED - RATE: Apr 28 30,000 /A TOP 30 OF 66 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 15 29,100 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Steyer	11208VT3PRO	VT3P	MQ,C2	111	25.2	13.8	0	28.9	195	1
Dyna-Gro	D49VP88	VT3P	AC,P5V	109	24.7	6.5	0	29.2	191	2
Stone	6054GVT3P	VT3P	AC,P5V	110	20.0	7.2	0	29.2	155	3
Stone	5722RIB	VT2P-R	AC,P5V	107	18.4	6.3	0	29.6	143	4
Stine	9728EVT3Pro	VT3P	AC,P2	109	16.6	6.7	0	29.2	129	5
FS InVISION	FS 60TV4	VT3P	AC,P2	110	15.4	6.3	0	28.2	119	6
Wyffels	W6871	VT3	AC,P5V	110	14.9	7.7	0	29.9	116	7
Croplan	6175VT3PRO	VT3P	AC,P2,Z	110	14.3	11.4	3	27.6	111	8
Lewis	1311VT3P	VT3P	AC,P5V	111	13.6	7.3	0	31.2	105	9
Wyffels	W7057	VT3P	AC,P5V	111	13.5	0.0	0	21.6	105	10
Steyer	11207VT3PRO	VT3P	MQ,C2	112	13.2	6.4	4	25.9	102	11
Great Heart	HT-7261VT3Pro	VT3P	AC,P5V	112	12.8	6.4	0	29.9	99	12
Great Heart	HT-7243VT3Pro	VT3P	AC,P5V	112	12.6	6.5	7	30.6	98	13
Dairyland	DS9212Q	HXT,RR2	AVC,C2	112	12.3	6.4	0	28.9	95	14
Stone	6128RIB	STX,R	AC,P5V	111	11.9	7.3	0	31.2	92	15
Kruger	KR-4207	VT2P-R	AC,P2	107	11.6	7.3	0	30.6	90	16
Augusta	A0720GTCBLLC	GT/CB/LL	MQ,C2	112	11.6	0.0	8	29.9	90	17
Pfister	2574SS	STX	AVC,C2	110	10.8	7.1	0	28.9	84	18
Croplan	6265VT3PRO	VT3P	AC,P2,Z	112	10.7	5.9	0	29.2	83	19
Beck	XL 6175AMX ^{1A}	AMX,RR2	Es	112	9.7	0.0	3	27.9	75	20
G2 Genetics	5X-812A	HXT,RR2	MQ,R,C2	112	9.3	6.1	0	28.6	72	21
FS InVISION	FS 59SV4	VT3P	AC,P2	109	9.0	5.5	0	28.6	70	22
FS InVISION	FS 61BX1 RIB	STX-R	AC,P2	111	8.4	0.0	0	29.9	65	23
Great Lakes	5884VT3PRO	VT3P	AC,P5V	108	7.3	6.6	0	28.9	57	24
NuTech	5N-910	3000GT	MQ,R,C2	110	6.7	5.7	3	29.9	52	25
LG Seeds	LG2549VT3	VT3	AC,P5V	109	6.6	0.0	4	30.6	51	26
FS InVISION	FS 62MV4	VT3P	AC,P2	112	6.4	7.4	0	27.6	50	27
Pioneer	35K01 GC	RR2	CE,C2	106	6.3	0.0	22	29.2	49	28
Kruger	K-7911	VT3P	AC,P5V	111	6.1	0.0	0	27.2	47	29
Pfister	2672HR	HX,RR2	AC,P2	111	6.1	0.0	0	28.6	47	30
Pioneer	P1018HR CK	HX,RR2	MQ,C2	110	4.0	0.0	29	27.9	31	38
Test Average =					6.8	2.7	2	29.1	53	
LSD (0.10) =					11.3	8.3	6			
C.V. =					123.2	225.9				


 Eric W. Beye
 F.I.R.S.T. Manager

TEST COMMENTS: David stated that his corn fields were averaging anywhere from 3 - 15 bpa. The high heat duration of late June through early July negatively affected the pollination process. Harvested plant heights were 3- 4 feet tall. Lodging scores reflect root lodging. Rejected results for yield variability and insufficient grain amount for moisture readings. See images on p. 3. Lat: 39.1831, Long: -88.6438

Yield & Income Factors:	Base Moisture = 15.0%	Shrink = 1.3	Drying = \$0.025	Price = \$7.75
† See last page for Product/Brand, Technology and Seed Treatment information.				
→ 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 comparison product, ns = not significantly different				

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FULL SEASON TEST

113 - 116 Day CRM

B2ILSO21b

PREV. CROP/HERB: Soybean / Stealth, Roundup PowerMax
 SOIL DESCRIPTION: Darmstat silt loam, mod. poor drained, conventional w/o fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 7 pH, 2.3% OM
 PEEL MANAGEMENT: Force, Lexar, Tombstone, Halex GT
 FERTILITY - Applied N: 184 Spring
 Applied N-P-K (units): 184-0-0

30" ROW SPACING

SEEDED - RATE: Apr 28 30,000 /A
 HARVESTED - STAND: Oct 15 28,800 /A

TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stone	6354GVT3P	VT3P	AC,P5V	113	25.4	12.4	0	29.9	197	1
Stone	6328RIB	STX-R	AC,P5V	113	24.4	12.5	5	29.6	189	2
Stine	9734VT3Pro	VT3P	AC,P2	113	21.1	12.2	0	29.2	164	3
Dyna-Gro	D54VP81	VT3P	AC,P2	114	21.1	12.6	1	28.6	164	4
Stine	9733VT3Pro	VT3P	AC,P2	113	21.1	12.1	16	28.6	164	5
FS InVISION	FS 65CX1 RIB	STX-R	AC,P2	115	19.7	12.2	0	27.6	153	6
Wyffels	W8967	VT3P	AC,P5V	116	18.4	13.2	0	27.6	143	7
NuTech	5N-517	3000GT	MQ,R,C2	116	18.1	21.6	12	29.2	137	8
LG Seeds	LG2620VT3	VT3	AC,P5V	115	17.5	6.2	8	26.9	136	9
Lewis	1313VT3P	VT3P	AC,P5V	113	17.1	12.5	16	30.6	133	10
Steyer	11406VT3PRO	VT3P	MQ,C2	114	16.1	6.4	0	30.6	125	11
Lewis	1315VT3P	VT3P	AC,P5V	115	15.8	6.4	1	28.2	123	12
Wyffels	W7997	VT3P	AC,P5V	113	15.1	12.0	0	27.9	117	13
FS InVISION	FS 66S44	3000GT	AC,P2	116	14.9	0.0	5	28.6	116	14
Kruger	K-7615	VT3P	AC,P5V	115	13.5	6.2	0	29.9	105	15
Steyer	11407VT3PRO	VT3P	MQ,C2	114	12.8	6.5	0	29.2	99	16
Beck	Phoenix 6442A4^	3111	Es	113	12.1	0.0	1	29.9	94	18
Dairyland	DS7713	HX,RR2	AVC,C2	113	12.0	0.0	30	31.2	93	19
Channel	214-14VT3P	VT3P	AC,P5V	114	11.8	6.2	0	29.2	92	20
Channel	215-52VT3P	VT3P	AC,P5V	115	11.2	6.7	0	28.6	87	21
Wyffels	XD831	VT3P	AC,P5V	113	11.1	0.0	8	29.2	86	22
FS InVISION	FS 63SV4	VT3P	AC,P2	113	9.7	6.9	0	29.2	75	23
G2 Genetics	5X-915^	HXT,RR2	MQ,R,C2	115	9.7	0.0	1	24.9	75	24
Channel	213-40VT3P	VT3P	AC,P5V	113	9.3	0.0	0	28.6	72	25
LG Seeds	LG2636VT3Pro	VT3P	AC,P5V	114	8.2	0.0	0	29.9	64	26
Great Lakes	6354GVT3	VT3	AC,P5V	113	8.0	0.0	4	27.9	62	27
AgriGold	A6573VT3Pro	VT3P	AC,P5V	113	7.5	0.0	4	29.2	58	28
Dairyland	DS9414Q	HXT,RR2	AVC,C2	114	7.5	0.0	5	28.2	58	29
Kruger	K-7315	VT3P	AC,P5V	115	7.4	6.1	16	25.9	57	30
Beck	Phoenix 6948A3^	3000GT	Es	115	7.0	6.9	0	29.2	54	31
Pioneer	P1018HR CK	HX,RR2	MQ,C2	110	12.7	5.9	28	30.6	98	17
Test Average =					9.6	4.0	5	28.8	74	
LSD (0.10) =					9.9	8.2	13			
C.V. =					75.8	150.5				

TEST COMMENTS: David stated that his corn fields were averaging anywhere from 3 - 15 bpa. The high heat duration of late June through early July negatively affected the pollination process. Harvested plant heights were 3- 4 feet tall. Lodging scores reflect root lodging. Rejected results for yield variability and insufficient grain amount for moisture readings. See images on p. 3.

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.75

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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 comparison product, **ns** = not significantly different

2012 IMAGES from Illinois South [ILSO] Better Hybrids Location - SHUMWAY



IMAGE COMMENTS: *As the data reflects, the Shumway test site was hit hard by the drought. The top pictures shows the short corn height (3-4 ft). Some of the best ears at the site are shown in the middle photo. Most plants were barren. The bottom photo was shows the grain contents of a 250 bushel grain wagon after harvesting the entire 4.8 acre trial acreage.*



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 Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMMaxx® and XL® are registered trademarks of DuPont Pioneer.

Technologies

3111	Agrisure® Viptera™ 3111
3122	Agrisure® 3122
4011	Agrisure® 4011
3000GT	Agrisure® 3000GT
AM1	Optimum® AcreMax® 1
AMX	Optimum® AcreMax® Xtra
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
Conv	Conventional, non-GMO
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink®
OI	Optimum® Intrasect™
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STS	STS® - sulfonylurea tolerant soybeans
STX	SmartStax®
STX-R	SmartStax® Refuge Corn Blend
VT2P	Genuity® VT Double PRO®
VT2P-R	Genuity® VT Double PRO® RIB Corn Blend
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO®
VT3P-R	Genuity® VT Triple PRO® RIB Corn Blend

Seed Treatments

A	Allegiance®
Ac	Acceleron® Products
Am	ApronMaxx®
Ap	Apron XL®
Avc	Avicta® Complete Corn
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed
Ce	Cruiser® Extreme
CMB	CruiserMaxx® Beans
D	Dynasty®
Es	Escalate®
Ex	Excalibre™
G	Gaucho®
I	Inovate™ System
Mq	Maxim® Quattro
Mx	Maxim® XL
None	untreated
O	Optimize®
P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed
Pr	Protinus™
R	Raxil®
Rc	Rancona®
S	Stamina®
SDPI	Servo™ DPI
SS+	SoyShield™ Plus
SStd	SureStand™
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
Th	thiabendazole
V	VOTIVO®
Z	zinc

Trademarks

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- STS® is a trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- SoyShield™ Plus is a trademark of Latham Hi-Tech Seeds
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