

2012 BETTER HYBRIDS Harvest Report for Ohio West Central [OHWC]

Keith Houtz, Mercer County, OH 45822 [CELINA]

EARLY SEASON TEST

105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Roundup B2OHWC29a
 SOIL DESCRIPTION: Clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.5 pH, 3% OM
 PEST MANAGEMENT: Harness Xtra, glyphosate, Aztec 30" ROW SPACING
 FERTILITY - Applied N: 25 Planter, 150 Side
 Applied N-P-K (units): 175-92-120
 SEEDED - RATE: Apr 26 32,500 /A TOP 30 OF 36 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Nov 8 30,800 /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
LG Seeds	LG2549VT3	VT3	AC,P5V	109	189.9	21.4	1	31.5	1,375	1
NK Brand	N63R-3000GT GC	3000GT	CE,C2	109	189.4	21.6	1	30.8	1,370	2
NuTech	5B-410	GT/CB/LL	MQ,R,C2	110	188.1	21.7	2	28.8	1,360	3
Augusta	A5658GTCBLLC	GT/CB/LL	MQ,C2	108	187.8	22.1	1	32.2	1,356	4
Stewart	7V747	VT3P	AC,P5V	110	183.9	21.9	1	30.2	1,329	5
Steyer	10702-3000GT	3000GT	MQ,C2	108	182.8	21.3	1	30.2	1,324	6
Ebberts	7909VT3P	VT3P	AC,P5	108	180.9	21.6	1	30.2	1,309	7
LG Seeds	LG2575VT3Pro	VT3P	AC,P5V	110	179.5	21.7	1	30.2	1,298	8
Stine	9728EVT3Pro	VT3P	AC,P2	109	178.1	21.8	1	31.5	1,288	9
Stine	9529VT3Pro	VT3P	AC,P2	107	177.6	21.7	1	30.9	1,285	10
Doebler	594GRQ	3000GT	MQ,P1V	107	176.6	21.9	1	30.9	1,276	11
G2 Genetics	5Z-008^	OI,RR2	MQ,R,P1V	108	176.1	21.8	1	30.9	1,273	12
G2 Genetics	5H-806^	HX,RR2	MQ,R,P1V	106	175.8	21.6	1	31.5	1,272	13
Ebberts	9501SS	STX	AC,P5	109	175.8	21.7	1	29.5	1,272	14
Steyer	11004GENSS	STX	MQ,C2	110	175.8	21.8	1	31.5	1,271	15
Buckeye	RR9128VT3Pro GC	VT3P	AC,P2	110	175.5	21.8	1	31.5	1,269	16
Stine	9731VT3Pro	VT3P	AC,P2	110	172.5	21.7	1	28.8	1,248	17
G2 Genetics	5H-309^	HX,RR2	MQ,R,P1V	109	172.5	22.0	1	31.5	1,246	19
Buckeye	RR9158VT3Pro GC	VT3P	AC,P2	110	172.4	21.6	1	32.2	1,247	18
Ebberts	6587VT2P	VT2P	AC,P5	107	172.1	22.1	1	31.5	1,243	20
Buckeye	RR8606VT3 GC	VT3	AC,P2	108	171.8	21.8	1	29.5	1,242	21
Pioneer	P1018AM1 GC	AM1,RR2	MQ,P1V	110	171.2	21.9	1	31.5	1,237	22
Specialty	4608GENVT3P	VT3P	AC,P5V	109	170.8	22.0	1	31.5	1,234	23
NuTech	5N-910	3000GT	MQ,R,C2	110	170.5	22.0	1	32.2	1,232	24
Buckeye	RR9021VT3Pro GC	VT3P	AC,P2	110	170.3	22.5	1	29.5	1,228	26
Doebler	RPM 588AMX^	AMX,RR2	MQ,P1V	107	170.2	21.6	1	30.9	1,231	25
Great Lakes	6087VT3PRO	VT3P	AC,P5V	110	168.5	22.4	1	28.8	1,216	28
Specialty	4383GENVT3P	VT3P	AC,P5V	105	165.3	21.7	1	30.2	1,196	29
Specialty	4611GENVT3P	VT3P	AC,P5V	110	164.8	21.8	1	32.2	1,192	30
Steyer	10803GENSS	STX	MQ,C2	107	163.2	21.6	1	28.8	1,181	31
Pioneer	P1184AM1 CK	AM1,RR2	MQ,P1V	111	169.6	21.9	1	29.5	1,226	27
					Test Average =	172.8	21.8	1	30.8	1,249
					LSD (0.10) =	18.2	0.7	0		
					C.V. =	7.7	2.2			


 F.I.R.S.T. Manager

TEST COMMENTS: *The effects of the drought were still apparent at harvest as some plants had buggy whipped effect. The late season rains made for some ear rot. Mark commented on how the later planting date seem to be better the earlier planting by 20 to 30 bushel per acre. Area yields were in the 140 range. Crop height was shortened due to drought.*
Lat: 40.59683, Long: -84.70531

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.40

† 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

2012 BETTER HYBRIDS Harvest Report for Ohio West Central [OHWC]

Keith Houtz, Mercer County, OH 45822 [CELINA]

FULL SEASON TEST

111 - 114 Day CRM

B2OHWC29b

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.5 pH, 3% OM
 PEST MANAGEMENT: Harness Xtra, glyphosate, Aztec
 FERTILITY - Applied N: 25 Planter, 150 Side
 Applied N-P-K (units): 175-92-120

30" ROW SPACING

 SEEDED - RATE: Apr 26 32,500 /A
 HARVESTED - STAND: Nov 8 31,500 /A

TOP 30 OF 36 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
Stewart	8V663	VT3P	AC,P5V	113	208.1	22.5	1	31.5	1,501	1
Mycogen	2P768 GC	STX	AVC,C2	113	204.6	22.0	1	31.5	1,478	2
Channel	214-14VT3P	VT3P	AC,P5V	114	202.5	22.4	1	32.2	1,461	3
Ebberts	7712VT3P	VT3P	AC,P5	112	198.9	22.6	1	31.5	1,434	4
NK Brand	N74R-3000GT GC	3000GT	CE,C2	114	197.9	21.9	1	30.2	1,430	5
Stewart	8A228RIB	STX-R	AC,P2	112	196.8	22.4	1	32.9	1,420	6
Steyer	11302VT3PRO	VT3P	MQ,C2	113	196.2	22.0	1	32.9	1,418	7
Mycogen	2V715 GC	HXT,RR2	AVC,C2	111	195.9	22.1	1	31.5	1,415	8
Steyer	11407VT3PRO	VT3P	MQ,C2	114	194.7	22.1	1	32.2	1,406	9
Stine	9733VT3Pro	VT3P	AC,P2	113	194.0	22.1	1	30.9	1,401	10
Mycogen	2A787 GC	HXT,RR2	AVC,C2	114	194.0	22.2	1	32.2	1,401	11
Steyer	11203-3000GT	3000GT	MQ,C2	112	192.8	22.1	1	31.5	1,393	12
Great Lakes	6354G3VT3	VT3	AC,P5V	113	192.8	22.4	1	30.9	1,391	13
Channel	212-09STX	STX	AC,P5V	112	192.2	22.2	1	31.5	1,388	14
Ebberts	6292VT2P	VT2P	AC,P5	112	189.9	21.8	1	29.5	1,373	15
Specialty	87R10GENSSRIB	STX-R	AC,P5V	113	188.7	22.2	1	34.2	1,362	16
LG Seeds	LG2620VT3	VT3	AC,P5V	113	188.0	22.3	1	32.2	1,357	17
Specialty	8656GENVT3P	VT3P	AC,P5V	111	186.9	22.5	1	31.5	1,348	18
Ebberts	7222VT3P	VT3P	AC,P5	112	186.3	22.1	1	30.9	1,346	19
Ebberts	7861VT3P	VT3P	AC,P5	111	185.3	22.2	2	31.5	1,338	20
Stine	9734VT3Pro	VT3P	AC,P2	113	184.2	22.3	1	31.5	1,330	22
Stewart	7V776	VT3P	AC,P5V	111	183.8	22.4	1	31.5	1,326	23
Doebler	RPM 647AM1^	AM1,RR2	MQ,P1V	111	182.6	22.1	1	30.9	1,319	24
LG Seeds	LG2636VT3Pro	VT3P	AC,P5V	114	181.6	22.4	1	30.9	1,310	26
Channel	211-99VT3P	VT3P	AC,P5V	111	181.5	22.1	1	30.9	1,311	25
Stine	9732VT3Pro	VT3P	AC,P2	111	181.0	22.3	1	31.5	1,306	27
LG Seeds	LG2602VT3Pro	VT3P	AC,P5V	112	180.3	21.9	1	32.2	1,303	28
Steyer	11207VT3PRO	VT3P	MQ,C2	112	179.5	22.4	1	30.9	1,295	29
G2 Genetics	3D-811AMX^	AMX,RR2	MQ,R,C2	112	178.0	21.9	1	31.5	1,287	30
G2 Genetics	5Z-1205^	OI,RR2	MQ,R,P1V	112	177.5	22.0	1	30.9	1,282	31
Pioneer	P1184AM1 CK	AM1,RR2	MQ,P1V	111	184.8	22.5	1	31.5	1,333	21
Test Average =					186.7	22.2	1	31.5	1,348	
LSD (0.10) =					17.3	0.4	0			
C.V. =					6.8	1.3				


 F.I.R.S.T. Manager

TEST COMMENTS: *The effects of the drought were still apparent at harvest as some plants had buggy whipped effect. The late season rains made for some ear rot. Mark commented on how the later planting date seem to be better the earlier planting by 20 to 30 bushel per acre. Area yields were in the 140 range. Crop height was shortened due to drought.*

Lat: 40.59683, Long: -84.70531

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.40

† 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



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

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Raxil®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Stamina® is a trademark of BASF
- Escalate® is a trademark of Beck's Superior Hybrids, Inc.
- Rancona® is a trademark of Chemtura Corporation.
- Herculex® is a trademark of Dow AgroSciences LLC.
- 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
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Double PRO®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Servo DPI™ is a trademark of Ohlde Seed.
- AcreMax®, Intrasect™ and Optimum® are trademarks of Pioneer Hi-Bred.
- SureStand™ is a trademark of Steyer Seeds.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, Dynasty®, Maxim® and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent
- Protinus™ is a trademark of Wolf Trax, Inc.