

2012 BETTER HYBRIDS Performance Summary for Iowa Northwest [IANW]
EARLY SEASON TEST 101 - 106 Day CRM

TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)
 AVERAGE of (15) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Trmt.†	RM	Yield Bu/A	Moist %	Lodging %	Gross Income \$/A	Emmetsburg# Rank	Lu Verne	Moorland	Paullina	Rembrandt	Remsen	
LG Seeds	LG5550VT3Pro	VT3P	AC,P5V	106	211.6	19.5	1	1,603	1	201.4	199.6	228.4	226.3	199.8	204.0
Producers	6624VT3Pro	VT3P	AC,P5V	106	199.9	19.5	2	1,514	2	214.2	202.7	205.5	217.7	180.1	193.7
Champion	56A13VT3Pro	VT3P	AC,P2	106	196.7	20.9	1	1,476	4	186.6	193.6	200.2	201.3	198.9	189.6
LG Seeds	LG5522VT3Pro	VT3P	AC,P5V	103	194.1	18.7	2	1,478	3	189.5	180.5	206.9	211.8	188.1	183.4
G2 Genetics	5H-202^	HX,RR2	MQ,R,P1V	102	192.2	17.9	8	1,471	6	163.8	202.5	200.0	210.6	162.8	185.0
G2 Genetics	5H-0504^	HX,RR2	MQ,R,P1V	105	192.1	20.0	1	1,450	9	213.9	197.4	216.6	192.2	182.2	172.1
Wyffels	W3007	VT3P	AC,P5V	103	191.5	18.4	2	1,461	7	213.1	199.5	205.8	199.4	171.2	181.5
G2 Genetics	5H-806^	HX,RR2	MQ,R,P1V	106	191.5	19.4	3	1,452	8	121.1	193.0	196.1	178.2	195.9	194.3
Champion	56B13SS	STX	AC,P2	106	191.5	21.3	3	1,433	13	178.6	174.3	196.0	211.2	197.8	178.2
Pfister	2225RR	RR2	AC,P2	101	191.2	17.0	1	1,472	5	202.5	192.4	191.0	203.6	191.4	177.4
Dekalb	DKC55-09RIB GC	STX-R	AC,P2	105	191.1	19.9	1	1,444	10	213.8	178.0	206.0	203.9	196.3	171.2
LG Seeds	LG2531VT3Pro	VT3P	AC,P5V	106	189.9	19.5	1	1,439	11	223.2	187.7	206.6	187.8	181.3	186.0
AgriGold	A6356VT3Pro	VT3P	AC,P5V	105	188.2	19.6	2	1,425	15	154.1	188.8	192.0	205.4	170.7	184.3
NuTech	5B-604	GT/CB/LL	MQ,R,C2	104	188.1	19.0	3	1,430	14	192.9	182.0	205.3	191.6	175.6	186.0
Titan Pro	1059	None	MQ,C2	105	188.1	20.1	4	1,419	16	--	181.4	195.7	189.7	187.6	186.2
Prairie Brand	1022RR	RR2	AC,P2	102	186.5	17.2	1	1,434	12	199.4	191.2	177.6	211.9	174.5	177.3
AgriGold	A6323GT3	3000GT	AC,P5V	103	186.3	20.3	1	1,404	19	201.7	171.7	189.3	208.5	193.2	168.8
G2 Genetics	5X-903^	HXT,RR2	MQ,R,P1V	103	185.8	19.3	1	1,409	18	189.0	182.5	209.7	180.5	192.5	164.0
Curry	624-41^	HX,RR2	MQ,R,P1V	104	184.4	17.9	4	1,412	17	93.9	197.6	172.6	201.8	165.2	184.9
Titan Pro	X82X06	None	MQ,C2	106	184.0	19.8	3	1,391	25	--	154.2	218.9	197.0	168.1	181.7
Channel	203-43VT3P	VT3P	AC,P5V	103	183.8	18.6	1	1,401	20	195.1	189.2	189.0	174.9	190.1	175.6
Channel	204-06VT3P	VT3P	AC,P5V	104	183.2	18.5	3	1,397	21	179.4	191.6	184.8	191.2	170.8	177.7
Curry	622-18^	HX,RR2	MQ,R,P1V	102	183.2	18.7	1	1,395	23	185.6	187.9	198.4	189.2	180.5	160.1
Dekalb	DKC53-78RIB GC	STX-R	AC,P2	103	182.6	18.1	1	1,396	22	190.3	182.8	200.3	177.4	178.4	173.9
Federal	6410SSTAX	STX	AC,P2	106	182.6	20.6	1	1,373	29	152.0	177.7	194.0	205.8	159.9	175.6
Renze	CX22104-3000GT	3000GT	CE,C2	104	182.0	20.0	1	1,374	28	188.2	173.2	180.3	196.4	184.1	175.8
Great Lakes	5368VT3PRO	VT3P	AC,P5V	103	181.6	17.6	1	1,393	24	168.8	159.5	191.6	191.6	185.7	179.8
Kruger	K-7303	VT3P	AC,P5V	103	181.6	18.4	1	1,386	27	201.4	188.4	195.1	170.8	177.3	176.6
Producers	XP6104VT3Pro	VT3P	AC,P5V	101	181.1	17.4	1	1,391	26	214.8	188.7	169.5	185.9	185.2	176.4
Federal	5420VT3P	VT3P	AC,P2	101	178.3	17.3	1	1,370	30	166.8	185.4	179.6	184.3	177.9	164.2
Pioneer	P0528XR CK	HXT,RR2	CE,C2	105	178.4	19.6	1	1,351	39	208.3	186.8	182.9	175.1	187.9	159.1
Test Average =					180.6	19.1	2	1,372	183.5	177.1	187.7	189.8	174.7	173.8	
LSD (0.10) =					11.1	1.0	ns		31.9	18.0	16.4	16.8	19.2	10.8	


 F.I.R.S.T. Manager

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying (\$/pt/bu) = \$0.050 Price (\$/bu) = \$7.80

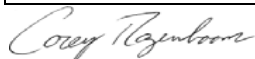
† See last page for Product/Brand, Technology and Seed Treatment information.

 → 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; ‡ = 2 replications; # = results not included in summary, glyphosate killed susceptible hybrids; ns = not significantly different.

2012 BETTER HYBRIDS Performance Summary for Iowa Northwest [IANW]
FULL SEASON TEST 107 - 110 Day CRM
TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)
 AVERAGE of (15) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Trmt.†	RM	Yield Bu/A	Moist %	Lodging %	Gross Income \$/A	Emmetsburg# Rank	Lu Verne	Moorland	Paullina	Rembrandt	Remsen	
Wyffels	W6871	VT3	AC,P5V	110	196.8	22.0	2	1,466	2	197.1	209.0	171.3	215.6	201.7	186.5
Champion	60A13VT3Pro	VT3P	AC,P2	110	195.6	20.6	2	1,471	1	200.7	221.7	189.2	196.4	194.1	176.4
G2 Genetics	5H-1005^	HX,RR2	MQ,R,P1V	110	195.6	21.7	2	1,460	3	192.4	188.0	189.8	208.5	215.5	176.3
Renze	CX12110HXT/LL/RR	HXT,RR2	AVC,C2	109	194.8	22.3	1	1,448	5	220.7	197.9	201.9	186.4	214.6	173.4
LG Seeds	LG2555VT3	VT3	AC,P5V	110	194.2	21.8	4	1,449	4	226.9	193.6	170.0	213.4	201.9	192.1
Producers	7014VT3	VT3	AC,P5V	110	193.0	21.1	1	1,447	6	235.8	188.9	184.7	204.9	204.2	182.4
Pfister	2574SS	STX	AVC,C2	110	192.5	23.6	1	1,419	10	227.5	195.0	183.9	191.5	200.3	192.0
Wyffels	W6917	VT3P	AC,P5V	111	191.9	22.3	1	1,427	8	229.0	208.5	171.9	195.8	196.1	187.1
Renk	RK795VT3P	VT3P	AC,P2	108	191.2	21.5	1	1,429	7	198.0	200.2	177.8	188.6	204.5	184.7
Viking	52-11N	None	AC,P2	110	190.2	22.4	1	1,413	12	--	203.3	196.8	183.3	187.2	180.2
AgriGold	A6458VT3	VT3	AC,P5V	109	189.5	21.2	1	1,419	9	204.0	176.0	183.6	211.4	195.5	181.1
Kruger	K-7810	VT3P	AC,P5V	110	186.9	20.6	1	1,406	13	212.9	195.8	159.7	194.5	203.9	180.8
Titan Pro	2M07-SS	STX	AC,P5V	107	186.9	20.7	2	1,405	14	216.2	201.7	171.2	209.8	179.6	172.4
Great Lakes	5939G3VT3	VT3	AC,P5V	109	186.8	21.2	1	1,399	16	238.2	185.2	174.1	199.2	194.8	180.9
NuTech	5B-410	GT/CB/LL	MQ,R,C2	110	186.5	22.0	1	1,389	21	178.6	203.3	170.1	151.4	220.9	186.9
LG Seeds	LG5533VT3Pro	VT3P	AC,P5V	107	186.4	19.3	2	1,414	11	221.8	184.9	177.5	204.1	181.4	183.9
Pfister	2660GT	3000GT	AVC,C2	110	186.0	22.0	1	1,386	25	209.3	171.9	179.6	180.0	213.3	185.1
Channel	207-13VT3P	VT3P	AC,P5V	107	185.6	20.3	1	1,399	18	185.9	184.2	182.3	205.1	186.5	169.8
Wyffels	W5787	VT3P	AC,P5V	108	185.5	20.2	1	1,399	17	207.5	186.0	172.3	185.3	198.6	185.2
Champion	58A13SS	STX	AC,P2	108	185.3	20.7	1	1,393	20	218.1	207.9	167.4	182.8	201.9	166.3
Titan Pro	X2M08	VT3P	AC,P5V	108	185.0	19.5	1	1,401	15	197.1	197.1	179.9	185.3	183.1	179.6
LG Seeds	LG2549VT3	VT3	AC,P5V	109	184.5	21.0	1	1,384	26	219.2	183.9	169.6	195.1	201.3	172.8
Stine	9529VT3Pro	VT3P	AC,P2	107	184.0	20.3	1	1,386	24	183.6	193.4	175.2	181.8	194.2	175.4
G2 Genetics	5H-309^	HX,RR2	MQ,R,P1V	109	183.7	21.8	3	1,370	29	221.6	164.7	177.7	192.3	213.9	169.7
Producers	6884VT3Pro	VT3P	AC,P5V	108	183.6	19.2	2	1,394	19	208.2	172.9	164.0	199.8	199.1	182.4
Titan Pro	1071	None	MQ,C2	107	183.4	19.8	3	1,387	23	--	190.3	171.6	204.7	181.8	168.7
AgriGold	A6408VT3Pro	VT3P	AC,P5V	107	183.0	19.3	1	1,388	22	177.1	198.1	160.2	191.9	178.6	186.4
Curry	627-67^	HX,RR2	MQ,R,P1V	107	182.8	19.8	1	1,382	27	173.0	193.7	179.6	186.2	179.9	174.8
Great Lakes	5785VT3PRO	VT3P	AC,P5V	107	181.9	20.0	2	1,373	28	203.3	200.4	134.1	200.3	193.2	181.5
G2 Genetics	5Z-008^	OI,RR2	MQ,R,P1V	108	181.8	20.6	1	1,367	30	211.6	191.5	169.8	174.1	193.3	180.1
Pioneer	P0528XR CK	HXT,RR2	CE,C2	105	175.4	19.1	1	1,332	41	211.4	186.4	177.3	172.3	182.3	158.9
Test Average =					182.4	20.9	1	1,369		201.2	189.1	171.1	188.4	189.0	174.6
LSD (0.10) =					12.0	0.9	2			35.7	18.5	23.7	16.9	18.3	11.0


 F.I.R.S.T. Manager

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying (\$/pt/bu) = \$0.050 Price (\$/bu) = \$7.80

† 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; ‡ = 2 replications; # = results not included in summary, glyphosate killed susceptible hybrids; 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 Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaXX® 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®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer.

Technologies

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

Seed Treatments

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

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaicho®, 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.