

2017 Soybean Top 30 Harvest Report

Iowa North Central [IANC] MOORLAND
Jeff Loehr, Webster County, IA 50566



PREV. CROP/HERB: Corn / Verdict, Armezon, atrazine
SOIL DESCRIPTION: Webster-Nicollet clay loam, well drained, non-irrigated
SOIL CONDITIONS: Very high P, medium K, 7.0 pH, 4.5% OM, 31.2 CEC
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Zidua Pro, Warrant, Flexstar, Select
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 30 141,000 /A 30" Spacing
HARVESTED - STAND: Oct 19 130,200 /A

Early-Season Test
Maturity Group 2.1 - 2.5
S2017IANC02a

Top 30 of 54
For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Cornelius	CB22X73	RRX	2.2	R	62.5	12.3	1	129.3	\$563	1
Hefty	H25X8	RRX	2.5	R	61.4	12.4	1	134.0	\$553	2
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	61.2	12.5	1	131.4	\$551	3
Cornelius	CB24R82	RR2Y	2.4	R	61.0	12.4	1	132.4	\$549	4
Hefty	H22X8	RRX	2.2	R	60.7	12.5	1	134.4	\$546	5
Titan Pro	TP-24R26	RR2Y	2.4	R	60.5	12.6	1	128.0	\$545	6
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	60.2	12.5	1	127.8	\$542	7
Kruger	K2X-2152	RRX	2.1	MR	59.9	12.5	1	132.9	\$539	8
LG Seeds	C2520R2	RR2Y	2.5	R	59.4	12.4	1	130.7	\$535	10
Prairie Brand	PB-2486R2	RR2Y	2.4	R	59.4	12.5	1	130.3	\$535	11
Pfister	24R201	RR2Y	2.4	R	59.3	12.5	1	128.8	\$534	12
Pfister	21R205	RR2Y	2.1	R	59.2	12.3	1	136.1	\$533	13
LG Seeds	C2441R2	RR2Y	2.4	R	59.2	12.5	1	130.8	\$533	14
Renk	RS246NR2	RR2Y	2.4	R	59.1	12.5	1	128.3	\$532	15
Asgrow	AG23X8 §	RRX	2.3	R	59.0	12.4	1	130.7	\$531	16
Prairie Brand	PB-2197R2	RR2Y	2.1	R	58.9	12.5	1	131.8	\$530	17
Legend	LS 24R563N	RR2Y	2.4	R	58.8	12.4	1	132.7	\$529	18
Jacobsen Seed	J761NR2X	RRX	2.1	R	58.2	12.4	1	129.9	\$524	19
Kruger	K2X-2261	RRX	2.2	R	58.1	12.3	1	132.2	\$523	20
Cornelius	CB22R88	RR2Y	2.2	R	58.1	12.4	1	132.9	\$523	21
Golden Harvest	GH2537X §	RRX	2.5	R	58.1	12.5	1	129.7	\$523	22
FS HiSoy	HS 24X70	RRX	2.4	R	58.0	12.4	1	130.2	\$522	23
Asgrow	AG21X7 §	RRX	2.1	R	57.6	12.5	1	129.6	\$518	24
Renk	RS228NX	RRX	2.2	R	57.1	12.3	1	130.7	\$514	25
Stine	21RI32 §	RR2Y	2.1	R	57.1	12.6	1	124.7	\$514	26
Champion	24R87N	RR2Y	2.4	R	56.8	12.7	1	131.8	\$511	27
NK Brand	S22-S1 §	RR2Y	2.2	R	56.7	12.5	1	129.7	\$510	28
Champion	22R07N	RR2Y	2.2	R	56.1	12.4	1	130.2	\$505	29
Prairie Brand	PB-2228R2	RR2Y	2.2	R	56.0	12.5	1	128.5	\$504	30
FS HiSoy	HS 25X70	RRX	2.5	R	55.9	12.4	1	134.4	\$503	31
Croplan	R2C2450 CK	RR2Y	2.4	R	59.8	12.6	1	131.0	\$538	9

Corey Rozenboom

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Averages = **56.5** **12.5** **1** **130.2** **\$509**
LSD (0.10) = 1.8 ns ns
LSD (0.25) = 1.0 ns ns
C.V. = 3.1

Prev. years avg. yield, 48.7 bu/a, 5 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO

TEST COMMENTS: *This can be a tough area for beans and it was very dry here. Plant heights were a bit shorter than normal. Several pods were found with a seed that didn't fill. Through the season, 3" came during vegetative stages, 1.4" from bloom to full pod and 5.7" from beginning seed through maturity. Late August rains came but earlier plant stress couldn't be overcome to bring big yields. Seed size varied.*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

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Report Date: 10/22/2017 Revised:

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Jeff Loehr, Webster County, IA 50566



Test by: North Iowa F.I.R.S.T., Inc, Sanborn, IA

PREV. CROP/HERB: Corn / Verdict, Armezon, atrazine
SOIL DESCRIPTION: Webster-Nicollet clay loam, well drained, non-irrigated
SOIL CONDITIONS: Very high P, medium K, 7.0 pH, 4.5% OM, 31.2 CEC
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Zidua Pro, Warrant, Flexstar, Select
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 30 141,000 /A 30" Spacing
HARVESTED - STAND: Oct 19 129,600 /A

Full-Season Test
Maturity Group 2.6 - 2.9
S2017IANC02b

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For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hefty	H26X7	RRX	2.6	R	66.1	12.5	1	129.4	\$595	1
Hefty	H29X8	RRX	2.9	R	64.5	12.6	1	129.1	\$581	2
Latham	L2982EXGT	BG	2.9	R	63.9	12.5	1	133.0	\$575	3
Stine	28RH02 §	RR2Y	2.8	R	63.1	12.6	1	124.6	\$568	4
Renk	RS288NX	RRX	2.8	R	62.6	12.6	1	130.0	\$563	5
Channel	2617R2X	RRX	2.6	R	62.3	12.5	1	131.0	\$561	6
Kruger	K2X-2652	RRX	2.6	R	61.6	12.5	1	131.1	\$554	7
Champion	28X78N	RRX	2.8	R	61.5	12.6	1	126.9	\$554	8
Jacobsen Seed	J876NR2X	RRX	2.6	R	61.4	12.6	1	130.0	\$553	9
Cornelius	CB26X70	RRX	2.6	R	60.5	12.6	1	132.1	\$545	10
Cornelius	CB27X81	RRX	2.7	R	60.5	12.8	1	127.2	\$545	11
Cornelius	CB28X73	RRX	2.8	R	60.4	12.6	1	129.7	\$544	12
Champion	28R85N	RR2Y	2.8	R	60.3	12.6	1	130.5	\$543	13
Legend	LS 27R524N	RR2Y	2.7	R	60.1	12.5	1	131.4	\$541	14
FS HiSoy	HS 29X70	RRX	2.9	R	59.9	12.6	1	127.5	\$539	15
Pioneer	P28T08R §	RR	2.8	R	59.4	12.5	1	129.7	\$535	17
Pioneer	P27T59R §	RR	2.7	R	59.1	12.5	1	131.0	\$532	18
Titan Pro	TP-26X37	RRX	2.6	MR	59.0	12.6	1	130.8	\$531	19
LG Seeds	C2888RX	RRX	2.8	R	58.8	12.7	1	130.7	\$529	20
Latham	L2887R2X	RRX	2.8	R	58.6	12.5	1	130.7	\$527	21
Latham	L2682R2X	RRX	2.6	R	58.5	12.5	1	126.3	\$527	22
Jacobsen Seed	J878NR2X	RRX	2.8	R	58.3	12.5	1	131.1	\$525	23
Kruger	K2X-2863	RRX	2.8	R	58.2	12.6	1	130.5	\$524	24
Kruger	K2X-2852	RRX	2.8	R	58.2	12.7	1	130.7	\$524	25
Hefty	H28X8	RRX	2.8	R	57.8	12.6	1	130.0	\$520	26
Legend	LS 28X840N	RRX	2.8	R	57.7	12.5	1	128.5	\$519	27
Golden Harvest	GH2788X	RRX	2.7	R	57.7	12.6	1	129.3	\$519	28
Champion	26R36N	RR2Y	2.6	MR	57.7	12.6	1	126.7	\$519	29
Pioneer	P25T51R §	RR	2.5	R	57.1	12.4	1	130.5	\$514	30
Hefty	H27X6	RRX	2.7	R	56.9	12.6	1	131.8	\$512	31
Croplan	R2C2450 CK	RR2Y	2.4	R	59.8	12.6	1	130.5	\$538	16

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Averages = **58.2** **12.6** **1** **129.6** **\$524**
LSD (0.10) = 2.3 0.2 0.9
LSD (0.25) = 1.2 0.1 0.5
C.V. = 3.5

Prev. years avg. yield, 48.7 bu/a, 5 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO

TEST COMMENTS: *This can be a tough area for beans and it was very dry here. Plant heights were a bit shorter than normal. Several pods were found with a seed that didn't fill. Through the season, 3" came during vegetative stages, 1.4" from bloom to full pod and 5.7" from beginning seed through maturity. Late August rains came but earlier plant stress couldn't be overcome to bring big yields. Seed size varied.*

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Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2 [®] brand seed is distributed by NuTech Seed, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPM [®] and XL [®] are registered trademarks of DuPont Pioneer.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
§	United Soybean Board sponsored entry

Soybean Technologies

BG	Balance™ GT
LL	LibertyLink [®]
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity [®] Roundup Ready 2 Yield [®]
RRX	Roundup Ready 2 Xtend [®]
ST	Sulfonylurea herbicide tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

?	information unavailable	Gr+	Great Start™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron [®] fungicide products	IL	ILeVO [®]
ACi	Acceleron [®] fungicide and insecticide products	In	Intego™ Solo
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx [®]	MAG	Maximum ArmourGuard™
ASfi	AgriShield [®] F+I	Me	Mertect [®]
AVB	Avicta [®] Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta [®] Complete Beans with Vibrance [®]	NCFI	N-Compass™ Plus F/I
CCB	Clariva™ Complete Beans	None	untreated
CI	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx [®] Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx [®] Beans with Vibrance [®]	PG+	Profit Guard +™
DPHB	DPH Boost [®]	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho [®] /Votivo [®]
DX	Defend™ Extra	SDPI	Servo™ DPI
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
ELV	Elevate™ VIP (F+I+N)	SStd	SureStand™
En	Encase [®]	TE	Trius Elite™
EQV	Equity [®] VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden [®] CX
F	fungicide	Wr	Warden [®] RTA
G	Gaicho [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.