

2017 Soybean Top 30 Harvest Report
 Iowa South [IASO] WASHINGTON
 Tom Vittetoe, Washington County, IA 52353



PREV. CROP/HERB: Corn / Roundup, Harness Xtra
 SOIL DESCRIPTION: Mahaska silty clay loam,
 SOIL CONDITIONS: Very high P, high K, 6.7 pH, 4.3% OM, 19.2 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Roundup, 2,4-D LV6, Zidua Pro, Flexstar, Zidua, Volunteer, Quilt
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 17 170,000 /A 15" Spacing
 HARVESTED - STAND: Nov 25 171,500 /A

All-Season Test
Maturity Group 2.5 - 3.6
 S2017IASO53

Top 30 of 75
 For Gross Income (Sorted by Yield)
 Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stine	28RH02 §	RR2Y	2.8	R	76.5	11.8	4	173.2	\$684	1
AgriGold	G3690RX	RRX	3.6	R	73.6	12.6	1	170.3	\$658	2
Latham	L2749R2X	RRX	2.7	R	73.6	12.5	4	173.2	\$658	3
Renk	RS316NR2	RR2Y	3.1	R	73.3	12.1	1	173.2	\$655	4
FS HiSoy	HS 32X70	RRX	3.2	R	72.7	12.2	1	173.2	\$650	5
FS HiSoy	HS 28X70	RRX	2.8	R	72.6	11.8	1	167.3	\$649	6
Four Star Seed	3X300	RRX	3.0	R	72.3	13.1	1	167.3	\$646	7
FS HiSoy	HS 33X70	RRX	3.3	R	72.2	12.1	1	167.3	\$645	8
Titan Pro	TP-34X86	RRX	3.4	R	72.1	12.7	1	173.2	\$645	9
Four Star Seed	3X271	RRX	2.7	R	71.1	11.9	3	170.3	\$636	10
Dairyland	DSR-3434/R2Y	RR2Y	3.4	MR	70.8	12.5	3	173.2	\$633	11
Latham	L3278R2X	RRX	3.2	R	70.7	11.9	1	173.2	\$632	12
Titan Pro	TP-28X47	RRX	2.8	MR	70.2	11.9	1	173.2	\$628	13
Golden Harvest	GH3546X	RRX	3.5	R	69.8	12.3	1	176.2	\$624	14
Pfister	29R25	RR2Y	2.9	R	69.7	12.3	1	173.2	\$623	15
Kruger	K2X-3662	RRX	3.6	R	69.7	12.8	3	170.3	\$623	16
Kruger	K2X-2863	RRX	2.8	R	69.2	12.0	1	173.2	\$619	17
Champion	35X78N	RRX	3.5	R	69.0	13.4	1	173.2	\$616	18
NK Brand	S30-V6 §	RR2Y	3.0	R	68.9	12.2	3	173.2	\$616	19
Golden Harvest	GH2981X	RRX	2.9	R	68.6	12.2	1	170.3	\$613	20
Dairyland	DSR-3555/R2Y	RR2Y	3.5	MR	68.6	12.8	1	170.3	\$613	21
Champion	34R87N	RR2Y	3.4	R	68.2	12.3	1	173.2	\$610	22
Kruger	K2X-3141	RRX	3.1	MR	67.7	12.4	1	173.2	\$605	23
Kruger	K2X-3552	RRX	3.5	R	67.5	12.3	1	173.2	\$603	24
Golden Harvest	GH3195X §	RRX	3.1	R	67.2	12.1	1	170.3	\$601	25
Latham	L2959R2X	RRX	2.9	R	67.2	12.2	1	173.2	\$601	26
Renk	RS268NX	RRX	2.6	R	67.1	13.0	1	167.3	\$600	27
Kruger	K2X-3353	RRX	3.3	R	67.0	13.0	1	173.2	\$599	28
Renk	RS288NX	RRX	2.8	R	66.9	12.0	1	170.3	\$598	29
Champion	29R06N	RR2Y	2.9	R	66.8	12.5	1	170.3	\$597	30

Averages = **64.6** **12.4** **1** **171.5** **\$577**
 LSD (0.10) = 6.1 0.5 1.0
 LSD (0.25) = 3.2 0.3 0.5
 C.V. = 7.3

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Prev. years avg. yield, 60.9 bu/a, 7 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.94 GMO; \$8.94 non-GMO

TEST COMMENTS: *Conditions were very good at planting which allowed the plants to emerge very well. Weed control was poor in one replication. During the first harvest attempt, green weed stems plugged the combine and impacted grain moisture readings. Harvest was delayed to allow weeds to die and dry. Soybean plants were full of pods (no split pods) with only minor lodging. One rep excluded (weeds).*

† 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: 11/26/2017 Revised:

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.