

2017 Soybean Top 30 Harvest Report

Missouri North [MONO] BLUE RIDGE
Doug Taggart, Harrison County, MO 64642



Test by: F.I.R.S.T. MSR, Inc., Columbia, MO

PREV. CROP/HERB: Corn / Realm Q
SOIL DESCRIPTION: Edina silt loam, mod. well drained, non-irrigated
SOIL CONDITIONS: Very high P, medium K, 6.7 pH, 2.8% OM, 14.3 CEC
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: 2,4-D, Sonic, Zidua, Flexstar, Select Max
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 17 140,000 /A 30" Spacing
HARVESTED - STAND: Nov 4 116,200 /A

All-Season Test
Maturity Group 3.2 - 4.3
S2017MONO02

Top 30 of 63

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
ProHarvest	3563CR2Y	RR2Y	3.5	R	56.6	13.4	1	122.0	\$509	1
Pfister	32R201	RR2Y	3.2	R	56.2	13.5	1	122.0	\$505	2
Stine	32RF02 §	RR2Y	3.2	R	55.6	13.1	1	122.0	\$500	3
Champion	34R87N	RR2Y	3.4	R	55.5	14.0	1	113.3	\$498	4
FS HiSoy	HS 37X70	RRX	3.7	R	54.8	14.2	1	110.4	\$492	5
Pfister	41RS02	RR2Y,ST	4.1	R	54.2	14.5	1	119.1	\$486	6
FS HiSoy	HS 41X70	RRX,ST	4.1	R	52.9	14.7	1	113.3	\$474	7
Stine	38RE02 §	RR2Y,ST	3.8	R	52.1	14.1	1	113.3	\$468	8
ProHarvest	3927CX	RRX	3.9	R	52.1	14.9	1	107.4	\$467	9
Champion	39R36N	RR2Y	3.9	R	52.1	15.1	1	124.9	\$467	10
Pfister	39R201	RR2Y	3.9	R	52.0	15.1	1	119.1	\$466	11
Asgrow	AG36X6 §	RRX	3.6	R	51.9	14.8	1	116.2	\$465	12
ProHarvest	3916CX	RRX	3.9	R	51.8	14.5	1	110.4	\$465	13
ProHarvest	3427CX	RRX	3.4	R	51.8	14.7	1	110.4	\$464	14
AgriGold	G3690RX	RRX	3.6	R	51.6	14.2	1	110.4	\$463	15
Pfister	35R201	RR2Y	3.5	R	51.5	13.5	1	116.2	\$463	16
FS HiSoy	HS 39X70	RRX	3.9	R	51.5	14.6	1	116.2	\$462	17
AgriGold	G3980RX	RRX	3.9	R	51.5	14.9	1	113.3	\$462	18
FS HiSoy	HS 35X70	RRX	3.5	R	50.9	14.7	1	122.0	\$456	19
AgriGold	G3830RX	RRX	3.8	R	50.9	14.8	1	116.2	\$456	20
FS HiSoy	HS 32X70	RRX	3.2	R	50.7	13.9	1	122.0	\$455	21
Stine	40RF22 §	RR2Y	4.0	R	50.7	14.3	1	113.3	\$455	22
Lewis	3682X	RRX	3.6	R	50.7	14.6	1	124.9	\$455	23
Golden Harvest	GH3546X	RRX	3.5	R	50.7	14.8	2	113.3	\$454	25
Golden Harvest	GH3982X	RRX	3.9	R	50.6	13.5	1	122.0	\$455	24
Pfister	36R207	RR2Y	3.6	R	50.6	14.6	1	122.0	\$454	26
Champion	40X98N	RRX	4.0	R	50.6	14.8	1	116.2	\$454	27
FS HiSoy	HS 33X70	RRX	3.3	R	50.5	14.3	1	113.3	\$453	28
AgriGold	G3410RX	RRX	3.4	R	50.4	14.8	1	122.0	\$452	29
Bayer	CZ3458EXP	BG	3.4	R	49.7	14.5	1	119.1	\$446	30

William C. Schelp

William (Bill) Schelp

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Averages = **49.6** **14.5** **1** **116.2** **\$445**
LSD (0.10) = 2.8 0.7 ns
LSD (0.25) = 1.5 0.4 ns
C.V. = 5.4

Prev. years avg. yield, 52.7 bu/a, 4 yrs

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

TEST COMMENTS: *Mid-May planting was timely. Seeding depth was on the shallow side of the spectrum due to damp soil conditions. Final stand was average. Weed control visits were made in June. August 1 site visit showed beans were waist high and canopied, tremendous growth during the last 3 weeks in July. No weeds present at harvest. Doug, our plot host, mentioned an average year for soybean yields.*

† 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: 11/05/2017 Revised:

2017 Soybean - Missouri North [MONO]

All-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
AgriGold	G3410RX	RRX	3.4	R	ASfi,IL	Pfister	36R207	RR2Y	3.6	R	CMBV
AgriGold	G3520RX	RRX	3.5	R	ASfi,IL	Pfister	37RS01	RR2Y,ST	3.7	R	CCB
AgriGold	G3690RX	RRX	3.6	R	ASfi,IL	Pfister	39R201	RR2Y	3.9	R	CCB
AgriGold	G3712RX	RRX	3.7	R	ASfi,IL	Pfister	41RS02	RR2Y,ST	4.1	R	CCB
AgriGold	G3830RX	RRX	3.8	R	ASfi,IL	Pioneer	P35T58R §	RR	3.5	R	EE,G,IL
AgriGold	G3980RX	RRX	3.9	R	ASfi,IL	Pioneer	P36T86R §	RR	3.6	R	EE,G,IL
Asgrow	AG36X6 §	RRX	3.6	R	ACi	Pioneer	P38T42R §	RR	3.8	R	EE,G,IL
Asgrow	AG39X7 §	RRX,ST	3.9	R	ACi	ProHarvest	3427CX	RRX	3.4	R	Pdi
Asgrow	AG43X7 §	RRX,ST	4.3	R	ACi	ProHarvest	3563CR2Y	RR2Y	3.5	R	Pd
Bayer	CZ3234LL	LL	3.2	MR	EE,IL,PV	ProHarvest	3696CLL	LL	3.6	R	Pdi
Bayer	CZ3458EXP	BG	3.4	R	EE,IL,PV	ProHarvest	3916CX	RRX	3.9	R	Pd
Bayer	CZ3601LL	LL	3.6	R	EE,IL,PV	ProHarvest	3927CX	RRX	3.9	R	Pdi
Bayer	CZ3841LL	LL	3.8	R	EE,IL,PV	ProHarvest	4191CLL	LL	4.1	R	Pd
Bayer	CZ4168EXP	BG	4.1	R	EE,IL,PV	ProHarvest	4327CX	RRX	4.3	R	Pdi
Champion	34R87N	RR2Y	3.4	R	ELV	ProHarvest	4366CR2Y	RR2Y	4.3	R	Pd
Champion	39L15N	LL	3.9	R	EL	Stine	32RF02 §	RR2Y	3.2	R	SFI
Champion	39R36N	RR2Y	3.9	R	EL	Stine	38RE02 §	RR2Y,ST	3.8	R	SFI
Champion	40X98N	RRX	4.0	R	ELV	Stine	40RF22 §	RR2Y	4.0	R	SFI
Frontier Seed	3SR92	RR,ST	3.9	R	Wr,PV,IL						
Frontier Seed	4FR10	RR	4.1	R	Wr,PV,IL						
FS HiSoy	HS 32X70	RRX	3.2	R	ACi, IL						
FS HiSoy	HS 33X70	RRX	3.3	R	ACi, IL						
FS HiSoy	HS 34X60	RRX	3.4	R	ACi, IL						
FS HiSoy	HS 35X70	RRX	3.5	R	ACi, IL						
FS HiSoy	HS 37X70	RRX	3.7	R	ACi, IL						
FS HiSoy	HS 39X70	RRX	3.9	R	ACi, IL						
FS HiSoy	HS 41X70	RRX,ST	4.1	R	ACi, IL						
Golden Harvest	GH3546X	RRX	3.5	R	CCB,Me						
Golden Harvest	GH3761X §	RRX	3.7	R	CCB,Me						
Golden Harvest	GH3982X	RRX	3.9	R	CCB,Me						
Golden Harvest	GH4142X	RRX	4.1	R	CCB,Me						
Golden Harvest	GH4307X	RRX	4.3	R	AVBV,Me						
Lewis	3462X	RRX	3.4	R	ACi						
Lewis	3572X	RRX	3.5	R	ACi						
Lewis	3682X	RRX	3.6	R	ACi						
Lewis	3872X	RRX	3.8	R	ACi						
Lewis	4161X	RRX	4.1	MR	ACi						
Lewis	4182X	RRX,ST	4.1	R	ACi						
Lewis	4272X	RRX,ST	4.2	R	ACi						
Lewis	4372X	RRX,ST	4.3	R	ACi						
NK Brand	S35-C3 §	RR2Y	3.5	R	CCB,Me						
NK Brand	S39-C4 §	RR2Y	3.9	R	CCB,Me						
Pfister	32R201	RR2Y	3.2	R	CCB						
Pfister	33R206	RR2Y	3.3	R	CMBV						
Pfister	35R201	RR2Y	3.5	R	CCB						

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.