

2016 Soybean Top 30 Harvest Report

Minnesota South Central [MNSC] WABASSO
Leon Plaetz, Redwood County, MN 56293



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Corn / Harness, Roundup twice
SOIL DESCRIPTION: Amiret, Canisteo loam, mod. well drained, non-irrigated
SOIL CONDITIONS: High P, high K, 6.4 pH, 4.9 % OM, low SCN
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Flexstar, Roundup twice, Lorsban
SEEDED - RATE - ROW: May 17 140,200 /A 30" Spacing
HARVESTED - STAND: Oct 19 131,500 /A

Early-Season Test
Maturity Group 1.5 - 1.8
S2016MNSC06a

Top 30 of 42
For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Channel	1405R2 GC	RR2Y	1.4	R	ACi	76.0	15.8	0	131.0	\$661
Federal	F195NRR2Y	RR2Y	1.9	R	MAG	75.1	15.4	0	135.7	\$654
Renk	RS153NR2	RR2Y	1.5	R	CMBV	74.3	15.7	0	130.1	\$646
NorthStar	NS 1528NR2	RR2Y	1.5	R	None	73.6	15.4	0	129.6	\$640
Anderson	185R2Y	RR2Y	1.8	R	None	72.9	16.0	0	135.7	\$634
Dahlman	5719NRR2Y GC	RR2Y	1.9	R	None	72.8	15.3	0	132.4	\$634
Pioneer	P18T26R2 §	RR2Y	1.8	R	None	72.6	15.8	0	134.3	\$631
Asgrow	AG1636 §	RR2Y	1.6	R	ACi	72.4	15.6	0	134.3	\$630
Latham	L1882R2	RR2Y	1.8	R	CCB,Me	72.4	15.8	0	131.5	\$629
Hefty	H18R5	RR2Y	1.8	MR	Mg	72.3	15.5	0	130.1	\$629
NorthStar	NS 1661NR2	RR2Y	1.6	R	CMBV	71.9	15.7	0	130.6	\$625
Gold Country	1414 GC	RR2Y	1.4	R	ACi	71.9	16.1	0	129.6	\$625
Hefty	H14R3	RR2Y	1.4	MR	DST	71.2	16.0	0	130.6	\$619
NK Brand	S15-P1 §	RR2Y	1.5	MR	CCB,Me	71.0	16.0	0	135.7	\$617
Channel	1808R2 GC	RR2Y	1.8	R	None	70.5	15.5	0	128.2	\$613
LG Seeds	C1870R2	RR2Y	1.8	R	CCB	70.4	14.8	0	130.6	\$613
Anderson	153R2Y	RR2Y	1.5	R	None	70.2	15.6	0	128.2	\$611
Titan Pro	15M22	RR2Y	1.5	R	IS	70.2	15.6	0	134.3	\$611
Titan Pro	TP-18R24	RR2Y	1.8	R	IS	70.1	16.1	0	132.4	\$609
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	CMB	69.8	15.4	0	130.6	\$607
Latham	L1858R2	RR2Y	1.8	R	CCB,Me	69.3	14.9	0	132.9	\$604
Latham	E1748R2	RR2Y	1.7	R	CCB,Me	69.3	16.1	0	135.7	\$602
Latham	E1584R2	RR2Y	1.5	R	SS+	68.6	15.7	0	130.1	\$597
Prairie Brand	PB-1787R2	RR2Y	1.7	R	CCB,In	68.6	15.9	0	131.5	\$596
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	CMB	68.5	15.5	0	129.2	\$596
Stine	17RH03 §	RR2Y	1.7	S	SFI	68.4	15.8	0	130.6	\$595
Renk	RS175NR2	RR2Y	1.7	R	CMBV	68.4	16.0	0	130.6	\$594
Dahlman	5215NRR2Y GC	RR2Y	1.5	R	None	68.3	15.8	0	135.2	\$594
Hefty	H16R6	RR2Y	1.6	MR	DST	68.2	17.4	0	129.2	\$591
Prairie Brand	PB-1466R2	RR2Y	1.4	R	CCB,In	67.8	15.8	0	135.7	\$589
Channel	2108R2 CK	RR2Y	2.1	R	None	71.5	15.7	0	129.2	\$622

Mark Querna

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Averages =	69.7	15.7	0	131.5	\$606
LSD (0.10) =	5.5	ns	ns		
LSD (0.25) =	3.8	ns	ns		
C.V. =	5.8			Prev. years avg. yield, 52.1 bu/a, 9 yrs	

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.75 GMO; \$8.75 non-GMO

TEST COMMENTS: *Spring conditions were moist at planting. Temperatures were moderate to warm all season, with no "hot spells", and no killing frost until mid-October. Excessive rainfall dominated the late season, with 2.5 inches falling again 4 days prior to harvest. Yields were more variable in the full-season test due to water-logged soils on the lower portion of the slope. Full-season test unreliable, data rejected.*

† 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: 10/21/2016 Revised:

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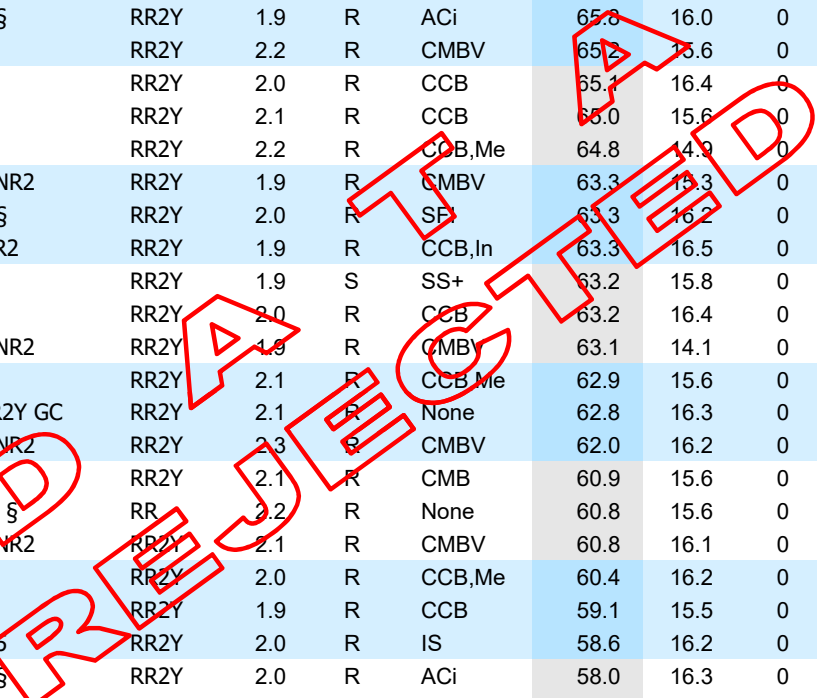
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SOIL CONDITIONS: High P, high K, 6.4 pH, 4.9 % OM, low SCN
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Flexstar, Roundup twice, Lorsban
SEEDED - RATE - ROW: May 17 140,200 /A 30" Spacing
HARVESTED - STAND: Oct 19 131,300 /A

Full-Season Test
Maturity Group 1.9 - 2.2
S2016MNSC06b

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

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Hefty	H20R3	RR2Y	2.0	MR	DST	68.0	15.9	0	130.6	\$591
Titan Pro	TP-21R55	RR2Y	2.1	R	IS	67.1	15.6	0	130.1	\$584
LG Seeds	C225R2	RR2Y	2.2	R	CCB	66.3	15.2	0	134.3	\$577
Pfister	19R24	RR2Y	1.9	R	CCB	66.1	16.3	0	132.4	\$574
Asgrow	AG1935 §	RR2Y	1.9	R	ACi	65.8	16.0	0	132.4	\$572
Viking	2282R2N	RR2Y	2.2	R	CMBV	65.2	15.6	0	130.6	\$567
LG Seeds	C2020R2	RR2Y	2.0	R	CCB	65.1	16.4	0	130.6	\$565
Pfister	21R205	RR2Y	2.1	R	CCB	65.0	15.6	0	128.2	\$565
NK Brand	S22-S1 §	RR2Y	2.2	R	CCB,Me	64.8	14.9	0	129.2	\$565
NorthStar	NS 1911NR2	RR2Y	1.9	R	CMBV	63.3	15.3	0	134.3	\$551
Stine	20RD20 §	RR2Y	2.0	R	SFI	63.3	16.2	0	128.2	\$550
Prairie Brand	PB-1956R2	RR2Y	1.9	R	CCB,In	63.3	16.5	0	128.7	\$549
Latham	E1990R2	RR2Y	1.9	S	SS+	63.2	15.8	0	131.5	\$549
Dyna-Gro	S20RY45	RR2Y	2.0	R	CCB	63.2	16.4	0	130.6	\$549
NorthStar	NS 1916NR2	RR2Y	1.9	R	CMBV	63.1	14.1	0	132.4	\$551
Latham	L2128R2	RR2Y	2.1	R	CCB,Me	62.9	15.6	0	132.9	\$547
Dahlman	5721NRR2Y GC	RR2Y	2.1	R	None	62.8	16.3	0	135.7	\$545
NorthStar	NS 2362NR2	RR2Y	2.3	R	CMBV	62.0	16.2	0	131.5	\$539
Dyna-Gro	S21RY56	RR2Y	2.1	R	CMB	60.9	15.6	0	130.6	\$530
Pioneer	P22T69R §	RR	2.2	R	None	60.8	15.6	0	130.1	\$529
NorthStar	NS 2111NR2	RR2Y	2.1	R	CMBV	60.8	16.1	0	135.7	\$528
Latham	L2084R2	RR2Y	2.0	R	CCB,Me	60.4	16.2	0	128.7	\$525
Dyna-Gro	S19RY65	RR2Y	1.9	R	CCB	59.1	15.5	0	130.6	\$514
Titan Pro	TP-20R25	RR2Y	2.0	R	IS	58.6	16.2	0	130.6	\$509
Asgrow	AG2035 §	RR2Y	2.0	R	ACi	58.0	16.3	0	130.1	\$504
Dairyland	DSR-2017/R2Y	RR2Y	2.0	R	CMB	57.6	15.2	0	131.5	\$501
Anderson	205R2Y	RR2Y	2.0	R	None	57.5	16.6	0	135.7	\$499
Thunder	3619R2YN	RR2Y	1.9	R	CMB	57.1	15.9	0	130.6	\$496
Prairie Brand	PB-2197R2	RR2Y	2.1	R	CCB,In	56.8	15.8	0	135.7	\$494
Stine	19RF32 §	RR2Y	1.9	R	SFI	56.6	15.7	0	128.2	\$492
Channel	2108R2 CK	RR2Y	2.1	R	None	62.7	16.0	0	129.6	\$545



Averages =	59.1	15.9	0	131.3
LSD (0.10) =	ns	0.9	ns	
LSD (0.25) =	8.2	0.6	ns	
C.V. =	14.7			Prev. years avg. yield, 52.1 bu/a, 9 yrs

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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 Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMmax® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMmax® 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

LL	LibertyLink®
None	Conventional, non-GMO
P	Plenish®
RR	glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Genuity® Roundup Ready 2 Xtend®
ST	sulfonylurea tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

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

Soybean Seed Treatments*

n/a	info unavailable	IL	ILeVO®
AC	Acceleron® fungicide products	In	Intego™ Solo
ACi	Acceleron® fungicide and insecticide products	IS	Intego™ Suite
AG	ArmourGuard™	MAG	Maximum ArmourGuard™
AM	ApronMaxx®	Me	Mertect®
AVB	Avicta® Complete Beans	Mg	Magnum ST™ (standard)
CCB	Clariva™ Complete Beans	NCFI	N-Compass™ Plus F/I
CI	Clariva™ pn	None	untreated
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	SDPI	Servo™ DPI
DPHB	DPH Boost®	SFI	Stine XP fungicide & insecticide
DST	Dominance™ ST	SS	Soyshield™
DX	Defend™ Extra	SS+	Soyshield Plus™
EE	Evergol™ Energy	SStd	SureStand™
En	Encase®	TE	Trius™ Elite
G	Gaucho®	WCX	Warden® CX
Gr+	Great Start™ Max Plus		

* Seed treatments may include unspecified plant health promoting components.