

2013 Soybean Top 30 Harvest Report

Minnesota Central [MNCE] LITCHFIELD
Tom Walsh, Meeker County, MN 55355



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Corn / Tripleflex, Roundup, Status
SOIL DESCRIPTION: Kandiyohi clay, well drained, non-irrigated
SOIL CONDITIONS: High P, high K, 6.7 pH, 4.4% OM, low SCN
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Warrant, Roundup (twice), Select Max (twice), Cobalt for aphids
SEEDED - RATE - ROW: May 27 154,220 /A 30" Spacing
HARVESTED - STAND: Oct 9 135,500 /A

All-Season Test
1.3 - 2 Day CRM
S2013MNCE04

Top 30 of 63

Sorted for YIELD
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Wensman	W 3160NR2	RR2Y	1.6	R	AC,PV	71.4	14.2	0	137.4	\$909
Prairie Brand	PB-1566R2	RR2Y	1.6	R	CMBV	71.1	13.2	0	137.9	\$906
Dairyland	DSR-1515/R2Y	RR2Y	1.5	MR	CMB,O	70.8	13.1	0	136.5	\$903
Channel	1405R2	RR2Y	1.4	R	ACi	70.7	14.1	0	135.0	\$900
Wensman	W 3200NR2	RR2Y	2.0	R	AC,PV	70.3	14.0	0	134.1	\$895
LG Seeds	C2050R2	RR2Y	2.0	R	AC,PV	70.0	13.1	0	137.0	\$892
LG Seeds	C1530R2	RR2Y	1.5	R	AC,PV	69.4	13.3	0	133.1	\$884
Anderson	184R2Y	RR2Y	1.8	R	None	69.4	13.6	0	134.1	\$884
Dairyland	DSR-1808/R2Y	RR2Y	1.8	R	CMB,O	69.2	13.5	0	136.9	\$882
Channel	1805R2	RR2Y	1.8	MR	ACi	68.9	13.2	0	134.1	\$878
Stine	19RA02 §	RR2Y	1.9	R	CMB	68.6	13.3	0	134.6	\$874
Titan Pro	15M22	RR2Y	1.5	R	CMBV	68.4	13.0	0	131.7	\$872
Channel	1700R2	RR2Y	1.7	R	ACi	68.0	13.1	0	134.5	\$867
Latham	L1948R2	RR2Y	1.9	R	SS+	68.0	13.7	0	135.0	\$866
Prairie Brand	PB-1843R2	RR2Y	1.8	R	CMBV	67.7	13.3	0	134.6	\$863
Stine	20RD20 §	RR2Y	2.0	R	CMB	67.6	15.6	0	135.5	\$858
Anderson	204R2Y	RR2Y	2.0	R	None	67.2	13.0	0	135.5	\$857
Wensman	W 3121NR2	RR2Y	1.2	R	AC,PV	67.0	12.9	0	137.4	\$854
Hefty	H14R3	RR2Y	1.4	MR	I	67.0	13.1	0	137.4	\$854
Dyna-Gro	S15RY53	RR2Y	1.5	R	ACi	66.8	13.4	0	139.4	\$851
Anderson	153R2Y	RR2Y	1.5	R	None	66.7	13.1	0	136.5	\$850
Gold Country	1943	RR2Y	1.9	R	ACi	66.7	13.3	0	134.5	\$850
Kruger	K2-1301	RR2Y	1.3	S	ACi	66.6	12.9	0	134.6	\$849
Asgrow	AG1431 §	RR2Y	1.4	R	ACi	66.6	13.1	0	137.5	\$849
Asgrow	AG1733 §	RR2Y	1.7	R	ACi	66.5	12.9	0	136.0	\$848
Latham	L2084R2	RR2Y	2.0	R	SS+	66.5	14.0	0	135.5	\$847
NorthStar	NS 1528NR2	RR2Y	1.5	R	ACi	66.4	13.6	0	137.5	\$846
Titan Pro	20M1	RR2Y	2.0	R	CMBV	66.4	14.1	0	135.5	\$845
Anderson	162R2Y	RR2Y	1.6	R	None	66.2	13.3	0	131.6	\$844
Latham	L1568R2	RR2Y	1.5	R	SS+	66.0	13.2	0	135.0	\$841

mark.querna@firstseedtests.com, (507) 380-9920

Test Average = **65.3** **13.8** **0** **135.5** **\$832**

LSD (0.10) = 5.4 1.4 ns

C.V. = 6.1 7.2

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price = $\frac{\$12.75}{n/a}$ Local GMO Non-GMO

TEST COMMENTS: *Planting was delayed slightly due to persistent, light rains in May. Tom sprayed Cobalt in late July for aphids before pressure was high. Soybeans did not mature quickly this year, especially full season varieties. Plants were robust and healthy at harvest. I attribute Tom's great yields to excellent fertility management, and the variable weather that occurred from planting through harvest.*

† See last page for additional information. Results in **bold** are significantly above the test average. **CK** = check and **GC** = grower comparison products, **§** = United Soybean Board entry; **ns** = not significantly different.

Additional reports and searchable database available at www.firstseedtests.com

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Report date: 10/10/2013 Revised:

All-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Advantage	ADV1700CR2	RR2Y	1.7	R	None	NuTech/G2 Gen	7208^	RR	2.0	R	SCE
Anderson	153R2Y	RR2Y	1.5	R	None	Pioneer	91Y81 §	RR	1.8	R	EE,G
Anderson	162R2Y	RR2Y	1.6	R	None	Pioneer	91Y92 §	RR	1.9	R	EE,G
Anderson	184R2Y	RR2Y	1.8	R	None	Prairie Brand	PB-1566R2	RR2Y	1.6	R	CMBV
Anderson	204R2Y	RR2Y	2.0	R	None	Prairie Brand	PB-1843R2	RR2Y	1.8	R	CMBV
Asgrow	AG1431 §	RR2Y	1.4	R	ACi	Prairie Brand	PB-1982R2	RR2Y	1.8	R	CMBV
Asgrow	AG1733 §	RR2Y	1.7	R	ACi	Prairie Brand	PB-2024R2	RR2Y	2.0	R	CMBV
Asgrow	AG1832 §	RR2Y	1.8	MR	ACi	Stine	16RA02 §	RR2Y	1.6	R	CMB
Asgrow	AG2031 §	RR2Y	2.0	R	ACi	Stine	19RA02 §	RR2Y	1.9	R	CMB
Channel	1405R2	RR2Y	1.4	R	ACi	Stine	20RD20 §	RR2Y	2.0	R	CMB
Channel	1700R2	RR2Y	1.7	R	ACi	Titan Pro	15M22	RR2Y	1.5	R	CMBV
Channel	1805R2	RR2Y	1.8	MR	ACi	Titan Pro	20M1	RR2Y	2.0	R	CMBV
Channel	2000R2	RR2Y	2.0	R	ACi	Titan Pro	TP-18R73	RR2Y	1.8	R	CMBV
Dairyland	DSR-1515/R2Y	RR2Y	1.5	MR	CMB,O	Titan Pro	TP-19R23	RR2Y	1.9	MR	CMBV
Dairyland	DSR-1808/R2Y	RR2Y	1.8	R	CMB,O	Wensman	W 3121NR2	RR2Y	1.2	R	AC,PV
Dyna-Gro	S15RY53	RR2Y	1.5	R	ACi	Wensman	W 3160NR2	RR2Y	1.6	R	AC,PV
Dyna-Gro	S18RY33	RR2Y	1.8	R	ACi	Wensman	W 3200NR2	RR2Y	2.0	R	AC,PV
Dyna-Gro	S20RY94	RR2Y	2.0	R	ACi	Wensman	W 3214NR2	RR2Y	2.1	R	AC,PV
Gold Country	1541	RR2Y	1.5	R	ACi						
Gold Country	1644	RR2Y	1.6	R	ACi						
Gold Country	1943	RR2Y	1.9	R	ACi						
Gold Country	2040	RR2Y	2.0	R	ACi						
Gold Country	2143	RR2Y	2.1	MR	ACi						
Hefty	H14R3	RR2Y	1.4	MR	I						
Hefty	H16R4	RR2Y	1.6	MR	I						
Hefty	H20R3	RR2Y	2.0	MR	I						
Kruger	K2-1301	RR2Y	1.3	S	ACi						
Latham	L1345R2	RR2Y	1.3	S	SS+						
Latham	L1568R2	RR2Y	1.5	R	SS+						
Latham	L1585R2	RR2Y	1.5	R	SS+						
Latham	L1783R2	RR2Y	1.7	R	SS+						
Latham	L1948R2	RR2Y	1.9	R	SS+						
Latham	L1985R2	RR2Y	1.9	R	SS+						
Latham	L2084R2	RR2Y	2.0	R	SS+						
LG Seeds	C1530R2	RR2Y	1.5	R	AC,PV						
LG Seeds	C2050R2	RR2Y	2.0	R	AC,PV						
Mustang	16624	RR2Y	1.6	R	AC						
NK Brand	S14-J7 §	RR2Y	1.4	S	CMBV						
NK Brand	S18-C2 §	RR2Y	1.8	R	CMBV						
NK Brand	S20-T6 §	RR2Y	2.0	R	CMBV						
NorthStar	NS 1388NR2	RR2Y	1.3	R	ACi						
NorthStar	NS 1528NR2	RR2Y	1.5	R	ACi						
NuTech/G2 Gen	6143^	RR	1.4	S	SCE						
NuTech/G2 Gen	7171^	RR	1.7	R	SCE						
NuTech/G2 Gen	7183^	RR	1.8	R	SCE						

Footnotes and Abbreviation Descriptions

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 Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMmaxx® 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®, VPMmaxx® 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 F.I.R.S.T. when space permits.
§	United Soybean Board sponsored entry

Soybean Technologies

None	Conventional, non-GMO
LL	LibertyLink®
RR	Roundup Ready® Soybeans
RR2Y	Genuity® Roundup Ready 2 Yield®
STS	STS® - sulfonyleurea tolerant soybeans

Soybean Cyst Nematode (SCN) Resistance Rating

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

Soybean Seed Treatments*

?	Information not provided	Ex	Excalibre™
A	Allegiance®	G	Gaicho®
AC	Acceleron® fungicide products	I	Inovate™ System
ACi	Acceleron® fungicide and insecticide products	None	untreated
AM	ApronMaxx®	O	Optimize®
AP	Apron XL®	PV	Poncho®/Votivo®
AVB	Avicta® Complete Beans	RS	Right Stand™
C	Cruiser®	SCE	SmartCote™ Extra
CC	CurryCoat™	SDPI	Servo DPI
CMB	CruiserMaxx® Beans	SS+	Soyshield Plus™
CMBV	CruiserMaxx® Beans with Vibrance	SStd	SureStand™
DPHB	DPH Boost™	T	Trilex®
EE	Evergol™ Energy		

* Seed treatments may include unspecified plant health promoting components.