2013 Soybean Top 30 Harvest Report

Minnesota South [MNSO] KASSON Brian Herbst, Dodge County, MN 55944



Corn / Harness, Glyphosate, Callisto PREV. CROP/HERB: SOIL DESCRIPTION: Readlyn silt loam, well drained, non-irrigated High P, mod. high K, 7.1 pH, 3.8% OM, low SCN SOIL CONDITIONS:

Early-Season Test 1.6 - 1.9 Day CRM S2013MNSO12a

Conventional w/ fall till TILLAGE/CULTIVATION:

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PEST MANAGEMENT: Roundup (twice)

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HARVESTED - STAND:	Oct 13	134,900 /A		Average of (3) Replications
SEEDED - RATE - ROW:	Jun 3	154,220 /A	30" Spacing	Sorted for YIELD

				SCN	Seed	Yield	Moisture	Lodging	Stand	Gross
Company/Brand	Product/Brand†	Technol.†	Mat.	Resist.	Trmt.†	♥ Bu/A	%	%	(x 1000)	Income
Wensman	W 3200NR2	RR2Y	2.0	R	AC,PV	77.5	11.4	0	134.5	\$756
Gold Country	2040	RR2Y	2.0	R	ACi	77.3	11.1	0	134.0	\$754
Wensman	W 3160NR2	RR2Y	1.6	R	AC,PV	76.0	10.8	0	136.5	\$741
Prairie Brand	PB-1566R2	RR2Y	1.6	R	CMBV	75.7	10.9	0	134.5	\$738
Latham	L1948R2	RR2Y	1.9	R	SS+	75.5	10.7	0	134.5	\$736
LG Seeds	C1917R2	RR2Y	1.9	R	AC,PV	75.2	11.1	0	134.1	\$733
Channel	1805R2	RR2Y	1.8	MR	ACi	74.3	10.8	0	136.5	\$724
Hefty	H18Y12	RR2Y	1.8	MR	1	74.3	10.8	0	133.1	\$724
Titan Pro	TP-18R73	RR2Y	1.8	R	CMBV	74.2	11.3	0	135.0	\$723
Prairie Brand	PB-1982R2	RR2Y	1.8	R	CMBV	73.8	10.8	0	136.0	\$720
Advantage	ADV1811CR2	RR2Y	1.8	R	None	73.6	11.0	0	134.5	\$718
NK Brand	S17-B3 §	RR2Y	1.7	R	CMBV	73.5	11.0	0	136.5	\$717
Pioneer	91Y92 §	RR	1.9	R	EE,G	73.2	11.0	0	136.0	\$714
Dyna-Gro	S19RY84	RR2Y	1.9	MR	ACi	72.5	10.8	0	132.6	\$707
Gold Country	1644	RR2Y	1.6	R	ACi	72.2	10.9	0	135.0	\$704
Renk	RS184NR2	RR2Y	1.8	R	None	72.2	11.1	0	136.0	\$704
SOI	1741NRR2Y	RR2Y	1.7	R	CMB	72.1	10.8	0	135.0	\$703
Viking	1707R2N	RR2Y	1.7	R	ACi,Ex	72.0	10.9	0	135.5	\$702
Prairie Brand	PB-1843R2	RR2Y	1.8	R	CMBV	72.0	11.3	0	134.5	\$702
Latham	L1985R2	RR2Y	1.9	R	SS+	71.4	10.7	0	135.5	\$696
Stine	16RA02 §	RR2Y	1.6	R	CMB	71.2	10.9	0	136.0	\$694
Asgrow	AG1733 §	RR2Y	1.7	R	ACi	70.9	10.5	0	134.1	\$691
Mustang	16624	RR2Y	1.6	R	AC	70.7	10.6	0	134.5	\$689
Pfister	17R27	RR2Y	1.7	R	CMB	70.4	10.8	0	135.0	\$686
Hefty	H16R4	RR2Y	1.6	MR	1	70.2	11.0	0	137.5	\$684
Dairyland	DSR-1808/R2Y	RR2Y	1.8	R	CMB,O	70.1	10.9	0	136.0	\$683
Titan Pro	TP-19R23	RR2Y	1.9	MR	CMBV	70.0	10.7	0	134.1	\$683
Channel	1503R2	RR2Y	1.5	R	ACi	69.3	10.9	0	135.5	\$676
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CMBV	68.4	10.7	0	134.1	\$667
Viking	1984R2N	RR2Y	1.9	R	ACi,Ex	68.4	11.3	0	135.0	\$667
Viking	2000R2N CK	RR2Y	2.0	R	ACi,Ex	72.3	10.7	0	134.1	\$705
mi				Test	Average =	71.9	10.9	0	134.9	\$701
/Wh	Luerna	_		LS	SD(0.10) =	5.3	0.4	ns		
mark.querna@first	seedtests.com, (507) 3	80-9920			C.V. =	5.4	2.5			
Yield & Income Factor	rs: Base Moisture	= 13.0%		Shrink =	= 1.3	Drying =	\$0.020	Price =	\$9.75	Local GMO
ricia a modific i acto	is. Dasc Moisture	0.070		J	SIIIIIK = 1.3		ψ0.0 <u>2</u> 0	1 1100 -	n/a	Non-GMO

Non-GMO n/a TEST COMMENTS: Both this plot site and the surrounding field were planted June 3rd. Brian told me he invested very little in this field, believing yields would be below average. The 1.5 inches of rain in August, and no frost through harvest, allowed for top-end yields. Brian

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

products, § = United Soybean Board entry; ns = not significantly different.

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did spray for aphids in mid-August. † See last page for additional information. Results in **bold** are significantly above the test average. **CK** = check and **GC** = grower comparison

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PREV. CROP/HERB: Corn / Harness, Glyphosate, Callisto

SOIL DESCRIPTION: Readlyn silt loam, well drained, non-irrigated

SOIL CONDITIONS: High P, mod. high K, 7.1 pH, 3.8% OM, low SCN

135,000 /A

Full-Season Test 2 - 2.3 Day CRM S2013MNSO12b

TILLAGE/CULTIVATION: Conventional w/ fall till PEST MANAGEMENT: Roundup (twice)

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PEST MANAGEMENT: Roundup (twice)
SEEDED - RATE - ROW: Jun 3 154,220 /A

Oct 13

HARVESTED - STAND:

Sorted for YIELD Average of (3) Replications

Company/Brand Product/Brand1 Technol.1 Mat. Resist. Trmt.1 Bu/A % % (x 1000) Incon LG Seeds C2050R2 RR2Y 2.0 R AC,PV 79.9 11.4 0 136.0 \$778 Prairie Brand PB-2024R2 RR2Y 2.0 R CMBV 73.8 12.2 0 134.6 \$721 LG Seeds C222R2 RR2Y 2.2 R AC,PV 73.4 11.2 0 134.6 \$771 Channel 2306R2 RR2Y 2.1 R None 72.8 10.7 0 134.1 \$710 Jung 1212RR2 RR2Y 2.1 R None 72.8 10.7 0 134.1 \$710 Jung 1212RR2 RR2Y 2.1 R None 72.8 11.0 0 134.6 \$71 Stine 20RD20 \$ RR2Y 2.0 R CMB 72.8 11.2 0 135.5 \$714 Stine 20RD20 \$										3 ()	
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Asgrow AG2232 \$ RR2Y 2.2 R ACi 72.6 12.6 0 133.6 \$700 NK Brand \$20-T6 \$ RR2Y 2.0 R CMBV 72.3 10.5 0 134.6 \$700 NK Brand \$22-F8 \$ RR2Y 2.2 S CMBV 71.7 11.5 0 133.6 \$690 NK Brand \$22-F8 \$ RR2Y 2.1 R CMB _V 71.6 11.2 0 136.5 \$690 Renk RS213NR2 RR2Y 2.1 R CMB _V 71.6 11.2 0 136.5 \$690 Renk RS224NR2 RR2Y 2.2 R None 71.5 11.2 0 136.5 \$690 Renk RS224NR2 RR2Y 2.0 R ACi 71.5 11.5 0 132.6 \$690 Prister 20R23 RR2Y 2.0 R None 71.3 11.2 0 134.6 \$690 Prister 20R23 RR2Y 2.0 R None 71.3 11.2 0 134.6 \$690 Prister 20R23 RR2Y 2.3 S CMBV 71.3 11.6 0 136.0 \$690 Rruger K2-2301 RR2Y 2.3 S ACi 70.9 11.7 0 136.0 \$690 Rruger K2-2301 RR2Y 2.3 S ACi 70.9 11.7 0 136.0 \$690 Rruger K2-2301 RR2Y 2.0 R None 70.8 11.8 0 134.6 \$690 Rruger K2-2301 RR2Y 2.0 R None 70.8 11.8 0 134.6 \$690 Rruger K2-2301 RR2Y 2.0 R None 70.8 11.8 0 134.6 \$690 Rruger K2-2301 RR2Y 2.0 R None 70.8 11.8 0 134.6 \$690 Rruger K2-2301 RR2Y 2.0 R None 70.8 11.8 0 134.6 \$690 Rruger K2-2301 RR2Y 2.0 R None 70.8 11.8 0 134.6 \$690 Rruger K2-2301 RR2Y 2.0 R None 70.8 11.8 0 134.6 \$690 Rruger K2-2301 RR2Y 2.2 R AC.PV 70.4 10.7 0 134.6 \$690 Rruger K2-2301 RR2Y 2.2 R AC.PV 70.4 10.7 0 134.6 \$690 Rruger K2-2301 RR2Y 2.0 R CMBV 70.3 11.0 0 135.5 \$690 Rruger K2-2301 RR2Y 2.0 R CMBV 70.3 11.0 0 135.5 \$690 Rruger K2-2301 RR2Y 2.0 R CMBV 70.3 11.0 0 135.5 \$690 Rruger K2-2301 RR2Y 2.0 R CMBV 70.3 11.0 0 135.5 \$690 Rruger K2-2301 RR2Y 2.0 R CMBV 70.3 11.0 0 135.5 \$690 Rruger K2-2301 RR2Y 2.0 R CMBV 70.3 11.0 0 135.5 \$690 Rruger K2-2301 RR2Y 2.0 R CMBV 70.3 11.0 0 135.5 \$690 Rruger K2-2301 RR2Y 2.0 R CMBV 70.3 11.0 0 135.5 \$690 Rruger K2-2301 RR2Y 2.2 R None 70.0 11.0 0 136.0 \$690 Rruger K2-2301 RR2Y 2.2 R None 70.0 11.0 0 136.0 \$690 Rruger K2-2301 RR2Y 2.2 R	Dyna-Gro								0		\$710
NK Brand		20RD20 §		2.0	R	_	72.8		0		\$710
NK Brand S22-F8 \$ RR2Y	Asgrow				R				0		\$708
Renk RS213NR2 RR2Y 2.1 R CMB,O 71.6 11.2 0 136.5 \$698 Renk RS224NR2 RR2Y 2.2 R None 71.5 11.2 0 135.5 \$699 Dyna-Gro S20RY94 RR2Y 2.0 R ACi 71.5 11.5 0 132.6 \$699 Pfister 20R23 RR2Y 2.0 R None 71.3 11.2 0 134.6 \$699 Pfister 20R23 RR2Y 2.0 R None 71.3 11.2 0 134.6 \$699 Channel 2105R2 RR2Y 2.1 MR ACi 71.3 11.8 0 136.0 \$699 Kruger K2-2301 RR2Y 2.3 S ACi 70.9 11.7 0 136.0 \$699 Jung 1201RR2 RR2Y 2.0 R ACi,PV 70.4 10.7 0 134.6		S20-T6 §	RR2Y	2.0	R	CMBV	72.3	10.5	0	134.6	\$705
Renk RS224NR2 RR2Y 2.2 R None 71.5 11.2 0 135.5 \$697 Dyna-Gro S20RY94 RR2Y 2.0 R ACi 71.5 11.5 0 132.6 \$697 Pfister 20R23 RR2Y 2.0 R None 71.3 11.2 0 134.6 \$698 Titan Pro 23M9 RR2Y 2.3 S CMBV 71.3 11.6 0 136.0 \$698 Channel 2105R2 RR2Y 2.1 MR ACi 71.3 11.8 0 136.5 \$698 Kruger K2-2301 RR2Y 2.3 S ACi 70.9 11.7 0 136.0 \$699 Jung 1201R2 RR2Y 2.0 R None 70.8 11.8 0 134.6 \$699 Wensman W 3222NR2 RR2Y 2.0 R ACi 70.4 10.7 0 134.6	NK Brand	S22-F8 §	RR2Y	2.2	S	_	71.7	11.5	0	133.6	\$699
Dyna-Gro \$20RY94 RR2Y 2.0 R ACi 71.5 11.5 0 132.6 \$697 Pfister 20R23 RR2Y 2.0 R None 71.3 11.2 0 134.6 \$698 Titan Pro 23M9 RR2Y 2.3 S CMBV 71.3 11.6 0 136.0 \$698 Channel 2105R2 RR2Y 2.1 MR ACi 71.3 11.8 0 136.0 \$698 Kruger K2-2301 RR2Y 2.3 S ACi 70.9 11.7 0 136.0 \$699 Jung 1201RR2 RR2Y 2.0 R None 70.8 11.8 0 134.6 \$699 Wensman W 3222NR2 RR2Y 2.0 R ACi 70.4 10.7 0 134.6 \$698 Wensman W 3256NR2 RR2Y 2.0 R ACi 70.4 11.4 0 136.0<	Renk	RS213NR2	RR2Y	2.1	R	CMB,O	71.6	11.2	0	136.5	\$698
Pfister 20R23 RR2Y 2.0 R None 71.3 11.2 0 134.6 \$698 Titan Pro 23M9 RR2Y 2.3 S CMBV 71.3 11.6 0 136.0 \$698 Channel 2105R2 RR2Y 2.1 MR ACi 71.3 11.8 0 136.0 \$699 Kruger K2-2301 RR2Y 2.0 R None 70.8 11.8 0 136.0 \$699 Jung 1201RR2 RR2Y 2.0 R None 70.8 11.8 0 134.6 \$699 Wensman W 3222NR2 RR2Y 2.0 R AC,PV 70.4 10.7 0 134.6 \$688 Asgrow AG2031 § RR2Y 2.0 R ACi 70.4 11.4 0 136.0 \$688 Wensman W 3256NR2 RR2Y 2.5 MR AC,PV 70.4 11.0 0 1	Renk	RS224NR2	RR2Y	2.2	R		71.5		0	135.5	\$697
Titan Pro 23M9 RR2Y 2.3 S CMBV 71.3 11.6 0 136.0 \$695 Channel 2105R2 RR2Y 2.1 MR ACi 71.3 11.8 0 136.5 \$695 Kruger K2-2301 RR2Y 2.3 S ACi 70.9 11.7 0 136.0 \$695 Jung 1201RR2 RR2Y 2.0 R None 70.8 11.8 0 134.6 \$695 Wensman W 3222NR2 RR2Y 2.2 R AC,PV 70.4 10.7 0 134.6 \$685 Wensman W 3225NR2 RR2Y 2.0 R ACi 70.4 11.4 0 136.0 \$685 Wensman W 3256NR2 RR2Y 2.5 MR AC,PV 70.4 12.0 0 132.6 \$685 Wensman W 3256NR2 RR2Y 2.0 R CMBV 70.3 11.0 0 135.5 \$685 Wensman Pro 20M1 RR2Y 2.0 R CMBV 70.3 11.0 0 135.5 \$685 Jung 1225RR2 RR2Y 2.3 R CMBV 70.1 11.6 0 134.6 \$685 Wensman L2084R2 RR2Y 2.2 R None 70.0 11.0 0 136.0 \$685 Wensman L2084R2 RR2Y 2.2 R None 70.0 11.0 0 136.0 \$685 Wensman L2084R2 RR2Y 2.1 R SS+ 69.7 11.9 0 135.0 \$685 Wensman L2185R2 RR2Y 2.2 R ACi 69.5 11.4 0 135.5 \$675 Wensman W 3214NR2 RR2Y 2.1 R ACi 69.5 11.4 0 135.5 \$675 Wensman W 3214NR2 RR2Y 2.1 R ACi 69.0 12.0 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R ACi 69.0 12.0 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R ACi 69.0 12.0 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W	Dyna-Gro	S20RY94	RR2Y	2.0	R	ACi	71.5	11.5	0	132.6	\$697
Channel 2105R2 RR2Y 2.1 MR ACi 71.3 11.8 0 136.5 \$698 Kruger K2-2301 RR2Y 2.3 S ACi 70.9 11.7 0 136.0 \$697 Jung 1201RR2 RR2Y 2.0 R None 70.8 11.8 0 134.6 \$690 Wensman W 3222NR2 RR2Y 2.2 R AC,PV 70.4 10.7 0 134.6 \$680 Wensman W 3225NR2 RR2Y 2.0 R ACi 70.4 11.4 0 136.0 \$680 Wensman W 3256NR2 RR2Y 2.5 MR AC,PV 70.4 12.0 0 132.6 \$680 Wensman W 3256NR2 RR2Y 2.0 R CMBV 70.3 11.0 0 135.5 \$680 Wensman PB-2351R2 RR2Y 2.3 R CMBV 70.3 11.0 0 135.5 \$680 Wensman PB-2351R2 RR2Y 2.3 R CMBV 70.1 11.6 0 134.6 \$680 Wensman L2084R2 RR2Y 2.2 R None 70.0 11.0 0 136.0 \$680 Wensman L2084R2 RR2Y 2.2 R None 70.0 11.0 0 136.0 \$680 Wensman L2084R2 RR2Y 2.1 R SS+ 69.7 11.9 0 135.0 \$680 Wensman L2185R2 RR2Y 2.1 R SS+ 69.6 12.0 0 135.0 \$670 Wensman W 3214NR2 RR2Y 2.2 R CMBV 69.1 11.4 0 135.5 \$670 Wensman W 3214NR2 RR2Y 2.1 R ACi 69.5 11.4 0 135.5 \$670 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6	Pfister	20R23	RR2Y	2.0	R	None	71.3	11.2	0	134.6	\$695
Kruger K2-2301 RR2Y 2.3 S ACi 70.9 11.7 0 136.0 \$69 Jung 1201RR2 RR2Y 2.0 R None 70.8 11.8 0 134.6 \$69 Wensman W 3222NR2 RR2Y 2.2 R AC,PV 70.4 10.7 0 134.6 \$686 Asgrow AG2031 § RR2Y 2.0 R ACi 70.4 11.4 0 136.0 \$686 Wensman W 3256NR2 RR2Y 2.5 MR AC,PV 70.4 12.0 0 132.6 \$686 Wensman W 3256NR2 RR2Y 2.0 R CMBV 70.3 11.0 0 135.5 \$686 Titan Pro 20M1 RR2Y 2.3 R CMBV 70.1 11.6 0 134.6 \$683 Jung 1225RR2 RR2Y 2.2 R None 70.0 11.0 0 136.0 \$683 Latham L2084R2 RR2Y 2.1 R SS+ </td <td>Titan Pro</td> <td>23M9</td> <td>RR2Y</td> <td>2.3</td> <td>S</td> <td>CMBV</td> <td>71.3</td> <td>11.6</td> <td>0</td> <td>136.0</td> <td>\$695</td>	Titan Pro	23M9	RR2Y	2.3	S	CMBV	71.3	11.6	0	136.0	\$695
Jung 1201RR2 RR2Y 2.0 R None 70.8 11.8 0 134.6 \$699 Wensman W 3222NR2 RR2Y 2.2 R AC,PV 70.4 10.7 0 134.6 \$686 Asgrow AG2031 \$ RR2Y 2.0 R ACi 70.4 11.4 0 136.0 \$686 Wensman W 3256NR2 RR2Y 2.5 MR AC,PV 70.4 12.0 0 132.6 \$686 Titan Pro 20M1 RR2Y 2.0 R CMBV 70.3 11.0 0 135.5 \$688 Prairie Brand PB-2351R2 RR2Y 2.3 R CMBV 70.1 11.6 0 134.6 \$683 Jung 1225RR2 RR2Y 2.2 R None 70.0 11.0 0 136.0 \$683 Latham L2084R2 RR2Y 2.0 R SS+ 69.7 11.9 0 135.0 \$676 Gold Country 2243 RR2Y 2.2 R	Channel	2105R2	RR2Y	2.1	MR	ACi	71.3	11.8	0	136.5	\$695
Wensman W 3222NR2 RR2Y 2.2 R AC,PV 70.4 10.7 0 134.6 \$686 Asgrow AG2031 § RR2Y 2.0 R ACi 70.4 11.4 0 136.0 \$686 Wensman W 3256NR2 RR2Y 2.5 MR AC,PV 70.4 12.0 0 132.6 \$686 Titan Pro 20M1 RR2Y 2.0 R CMBV 70.3 11.0 0 135.5 \$686 Prairie Brand PB-2351R2 RR2Y 2.3 R CMBV 70.1 11.6 0 134.6 \$683 Jung 1225RR2 RR2Y 2.2 R None 70.0 11.0 0 136.0 \$683 Latham L2084R2 RR2Y 2.0 R SS+ 69.7 11.9 0 135.0 \$676 Gold Country 2243 RR2Y 2.1 R ACi 69.5 11.4 0	Kruger	K2-2301	RR2Y	2.3	S	ACi	70.9	11.7	0	136.0	\$691
Asgrow AG2031 § RR2Y 2.0 R ACi 70.4 11.4 0 136.0 \$686 Wensman W 3256NR2 RR2Y 2.5 MR AC,PV 70.4 12.0 0 132.6 \$686 Titan Pro 20M1 RR2Y 2.0 R CMBV 70.3 11.0 0 135.5 \$685 Prairie Brand PB-2351R2 RR2Y 2.3 R CMBV 70.1 11.6 0 134.6 \$685 Jung 1225RR2 RR2Y 2.2 R None 70.0 11.0 0 136.0 \$685 Latham L2084R2 RR2Y 2.0 R SS+ 69.7 11.9 0 135.0 \$685 Latham L2185R2 RR2Y 2.1 R SS+ 69.6 12.0 0 135.0 \$675 Gold Country 2243 RR2Y 2.2 R ACi 69.5 11.4 0 135.5 \$675 Gold Country 2143 RR2Y 2.2 R CMBV 69.1 11.4 0 135.5 \$675 Gold Country 2143 RR2Y 2.1 MR ACi 69.0 12.0 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.0 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.0 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.0 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.0 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.0 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.0 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.	Jung	1201RR2	RR2Y	2.0	R	None	70.8	11.8	0	134.6	\$690
Wensman W 3256NR2 RR2Y 2.5 MR AC,PV 70.4 12.0 0 132.6 \$686 Titan Pro 20M1 RR2Y 2.0 R CMBV 70.3 11.0 0 135.5 \$686 Prairie Brand PB-2351R2 RR2Y 2.3 R CMBV 70.1 11.6 0 134.6 \$685 Jung 1225RR2 RR2Y 2.2 R None 70.0 11.0 0 136.0 \$685 Latham L2084R2 RR2Y 2.0 R SS+ 69.7 11.9 0 135.0 \$686 Latham L2185R2 RR2Y 2.1 R SS+ 69.7 11.9 0 135.0 \$676 Gold Country 2243 RR2Y 2.2 R ACi 69.5 11.4 0 135.5 \$676 Gold Country 2143 RR2Y 2.1 MR ACi 69.0 12.0 0	Wensman	W 3222NR2	RR2Y	2.2	R	AC,PV	70.4	10.7	0	134.6	\$686
Titan Pro 20M1 RR2Y 2.0 R CMBV 70.3 11.0 0 135.5 \$688 Prairie Brand PB-2351R2 RR2Y 2.3 R CMBV 70.1 11.6 0 134.6 \$685 Jung 1225RR2 RR2Y 2.2 R None 70.0 11.0 0 136.0 \$685 Latham L2084R2 RR2Y 2.0 R SS+ 69.7 11.9 0 135.0 \$685 Latham L2185R2 RR2Y 2.1 R SS+ 69.6 12.0 0 135.0 \$675 Gold Country 2243 RR2Y 2.2 R ACi 69.5 11.4 0 135.5 \$675 Gold Country 2143 RR2Y 2.2 R CMBV 69.1 11.4 0 135.5 \$675 Gold Country 2143 RR2Y 2.1 MR ACi 69.0 12.0 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wiking 2000R2N CK RR2Y 2.0 R ACi,Ex 72.0 11.1 0 136.0 \$705 Mark.quema@firstseedtests.com, (507) 380-9920 C.V. = 5.1 4.2	Asgrow	AG2031 §	RR2Y	2.0	R	ACi	70.4	11.4	0	136.0	\$686
Prairie Brand PB-2351R2 RR2Y 2.3 R CMBV 70.1 11.6 0 134.6 \$683 Jung 1225RR2 RR2Y 2.2 R None 70.0 11.0 0 136.0 \$683 Latham L2084R2 RR2Y 2.0 R SS+ 69.7 11.9 0 135.0 \$680 Latham L2185R2 RR2Y 2.1 R SS+ 69.6 12.0 0 135.0 \$670 Gold Country 2243 RR2Y 2.2 R ACi 69.5 11.4 0 135.5 \$670 Titan Pro 22M12 RR2Y 2.2 R CMBV 69.1 11.4 0 135.5 \$670 Gold Country 2143 RR2Y 2.1 MR ACi 69.0 12.0 0 134.6 \$670 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0	Wensman	W 3256NR2	RR2Y	2.5	MR	AC,PV	70.4	12.0	0	132.6	\$686
Jung 1225RR2 RR2Y 2.2 R None 70.0 11.0 0 136.0 \$685 Latham L2084R2 RR2Y 2.0 R SS+ 69.7 11.9 0 135.0 \$686 Latham L2185R2 RR2Y 2.1 R SS+ 69.6 12.0 0 135.0 \$675 Gold Country 2243 RR2Y 2.2 R ACi 69.5 11.4 0 135.5 \$676 Titan Pro 22M12 RR2Y 2.2 R CMBV 69.1 11.4 0 135.5 \$676 Gold Country 2143 RR2Y 2.1 MR ACi 69.0 12.0 0 134.6 \$677 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$677 Viking 2000R2N CK RR2Y 2.0 R ACi,Ex 72.0 11.1 0 136.0 \$702 LSD (0.10) = 4.8 0.6 ns <	Titan Pro	20M1	RR2Y	2.0	R	CMBV	70.3	11.0	0	135.5	\$685
Latham L2084R2 RR2Y 2.0 R SS+ 69.7 11.9 0 135.0 \$680 Latham L2185R2 RR2Y 2.1 R SS+ 69.6 12.0 0 135.0 \$675 Gold Country 2243 RR2Y 2.2 R ACi 69.5 11.4 0 135.5 \$675 Gold Country 22M12 RR2Y 2.2 R CMBV 69.1 11.4 0 135.5 \$675 Gold Country 2143 RR2Y 2.1 MR ACi 69.0 12.0 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Wiking 2000R2N CK RR2Y 2.0 R ACi,Ex 72.0 11.1 0 136.0 \$702 MILES OF COUNTRY COUNTRY 2.0 Test Average = 69.3 11.2 0 135.0 \$676 MILES OF COUNTRY 2.0 C.V. = 5.1 4.2	Prairie Brand	PB-2351R2	RR2Y	2.3	R	CMBV	70.1	11.6	0	134.6	\$683
Latham L2185R2 RR2Y 2.1 R SS+ 69.6 12.0 0 135.0 \$678 Gold Country 2243 RR2Y 2.2 R ACi 69.5 11.4 0 135.5 \$678 Titan Pro 22M12 RR2Y 2.2 R CMBV 69.1 11.4 0 135.5 \$678 Gold Country 2143 RR2Y 2.1 MR ACi 69.0 12.0 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Viking 2000R2N CK RR2Y 2.0 R ACi,Ex 72.0 11.1 0 136.0 \$702 Mark.querna@firstseedtests.com, (507) 380-9920 C.V. = 5.1 4.2	Jung	1225RR2	RR2Y	2.2	R	None	70.0	11.0	0	136.0	\$683
Gold Country 2243 RR2Y 2.2 R ACi 69.5 11.4 0 135.5 \$676 Titan Pro 22M12 RR2Y 2.2 R CMBV 69.1 11.4 0 135.5 \$676 Gold Country 2143 RR2Y 2.1 MR ACi 69.0 12.0 0 134.6 \$677 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$677 Viking 2000R2N CK RR2Y 2.0 R ACi,Ex 72.0 11.1 0 136.0 \$702 Test Average = 69.3 11.2 0 135.0 \$676 LSD (0.10) = 4.8 0.6 ns mark.querna@firstseedtests.com, (507) 380-9920 C.V. = 5.1 4.2	Latham	L2084R2	RR2Y	2.0	R	SS+	69.7	11.9	0	135.0	\$680
Titan Pro 22M12 RR2Y 2.2 R CMBV 69.1 11.4 0 135.5 \$674 Gold Country 2143 RR2Y 2.1 MR ACi 69.0 12.0 0 134.6 \$675 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$675 Viking 2000R2N CK RR2Y 2.0 R ACi,Ex 72.0 11.1 0 136.0 \$702	Latham	L2185R2	RR2Y	2.1	R	SS+	69.6	12.0	0	135.0	\$679
Gold Country 2143 RR2Y 2.1 MR ACi 69.0 12.0 0 134.6 \$673 Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$673 Viking 2000R2N CK RR2Y 2.0 R ACi,Ex 72.0 11.1 0 136.0 \$702	Gold Country	2243	RR2Y	2.2	R	ACi	69.5	11.4	0	135.5	\$678
Wensman W 3214NR2 RR2Y 2.1 R AC,PV 68.8 10.8 0 134.6 \$67.0 Viking 2000R2N CK RR2Y 2.0 R ACi,Ex 72.0 11.1 0 136.0 \$70.2 Test Average = 69.3 11.2 0 135.0 \$676 LSD (0.10) = 4.8 0.6 ns mark.querna@firstseedtests.com, (507) 380-9920 C.V. = 5.1 4.2	Titan Pro	22M12	RR2Y	2.2	R	CMBV	69.1	11.4	0	135.5	\$674
Viking 2000R2N CK RR2Y 2.0 R ACi,Ex 72.0 11.1 0 136.0 \$702 Test Average = 69.3 11.2 0 135.0 \$676 LSD (0.10) = 4.8 0.6 ns mark.querna@firstseedtests.com, (507) 380-9920 C.V. = 5.1 4.2	Gold Country	2143	RR2Y	2.1	MR	ACi	69.0	12.0	0	134.6	\$673
Test Average = 69.3 11.2 0 135.0 \$676 LSD (0.10) = 4.8 0.6 ns mark.querna@firstseedtests.com, (507) 380-9920 C.V. = 5.1 4.2	Wensman	W 3214NR2	RR2Y	2.1	R	AC,PV	68.8	10.8	0	134.6	\$671
LSD (0.10) = 4.8 0.6 ns mark.querna@firstseedtests.com, (507) 380-9920 C.V. = 5.1 4.2	Viking	2000R2N CK	RR2Y	2.0	R	ACi,Ex	72.0	11.1	0	136.0	\$702
mark.querna@firstseedtests.com, (507) 380-9920	mi				Test	: Average =	69.3	11.2	0	135.0	\$676
\$9.75 Local G	/ lack	Luerna	_		LS	SD(0.10) =	4.8	0.6	ns		
\$9.75 Local G	mark.querna@first	seedtests.com, (507)	380-9920			C.V. =	5.1	4.2			
Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price =	Yield & Income Facto	rs: Rase Moisture	- 13.0%		Shrink -	- 13	Drving -	\$0.020	Price =	\$9.75	Local GM0

30" Spacing

TEST COMMENTS: Both this plot site and the surrounding field were planted June 3rd. Brian told me he invested very little in this field, believing yields would be below average. The 1.5 inches of rain in August, and no frost through harvest, allowed for top-end yields. Brian did spray for aphids in mid-August.

Shrink = 1.3

Drying = \$0.020

Price =

n/a

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

Base Moisture = 13.0%

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Non-GMO

Report date: 10/16/2013 Revised:

Yield & Income Factors:

[†] 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.



Early-Season Test Products (36 Total)

Advantage	Product/Brand	Technol.			Seed Trt	Company/Brand Product.	/Brand	Technol.	Mat.	SCN Seed 7
	ADV1811CR2	RR2Y	1.8	R	None					
Asgrow	AG1733 §	RR2Y	1.7	R	ACi					
Channel	1503R2	RR2Y	1.5	R	ACi					
Channel	1805R2	RR2Y	1.8	MR	ACi					
Dairyland	DSR-1808/R2Y	RR2Y	1.8	R	CMB,O					
Dyna-Gro	S19RY84	RR2Y	1.9	MR	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					
Hefty	H16R4	RR2Y	1.6	MR	1					
Hefty	H18Y12	RR2Y	1.8	MR	1					
Latham	L1948R2	RR2Y	1.9	R	SS+					
Latham	L1985R2	RR2Y	1.9	R	SS+					
LG Seeds	C1917R2	RR2Y	1.9	R	AC,PV					
Mustang	16624	RR2Y	1.6	R	AC					
NK Brand	S17-B3 §	RR2Y	1.7	R	CMBV					
NuTech/G2 Gen	7171^	RR	1.7	R	SCE					
NuTech/G2 Gen	7183^	RR	1.8	R	SCE					
Pfister	17R27	RR2Y	1.7	R	CMB					
Pioneer	91Y81 §	RR	1.8	R	EE,G					
Pioneer	91Y92 §	RR	1.9	R	EE,G					
Prairie Brand	PB-1566R2	RR2Y	1.6	R	CMBV					
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CMBV					
Prairie Brand	PB-1843R2	RR2Y	1.8	R	CMBV					
Prairie Brand	PB-1982R2	RR2Y	1.8	R	CMBV					
Renk	RS183NR2	RR2Y	1.8	R	CMB,O					
Renk	RS184NR2	RR2Y	1.8	R	None					
SOI	1741NRR2Y	RR2Y	1.7	R	CMB					
Stine	16RA02 §	RR2Y	1.6	R	CMB					
Titan Pro	TP-18R73	RR2Y	1.8	R	CMBV					
Titan Pro	TP-19R23	RR2Y	1.9	MR	CMBV					
Viking	1707R2N	RR2Y	1.7	R	ACi,Ex					
Viking	1984R2N	RR2Y	1.9	R	ACi,Ex					
	2000R2N CK	RR2Y	2.0	R	ACi,Ex					
Viking	W 3160NR2	RR2Y	1.6		AC,PV					
Viking Wensman	VV 3 IOUIVINZ		2.0		AC,PV					



Full-Season Test Products (54 Total)

Company/Branc	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Advantage	ADV2085CR2	RR2Y	1.7	R	None	Titan Pro	20M1	RR2Y	2.0	R	CMBV
Asgrow	AG2031 §	RR2Y	2.0	R	ACi	Titan Pro	22M12	RR2Y	2.2	R	CMBV
Asgrow	AG2232 §	RR2Y	2.2	R	ACi	Titan Pro	23M9	RR2Y	2.3	S	CMBV
Channel	2105R2	RR2Y	2.1	MR	ACi	Titan Pro	TP-21R63	RR2Y	2.1	MR	CMBV
Channel	2306R2	RR2Y	2.3	R	ACi	Viking	2000R2N CK	RR2Y	2.0	R	ACi,Ex
Dairyland	DSR-2105/R2Y	RR2Y	2.1	R	CMB,O	Viking	2144R2N	RR2Y	2.1	R	None
Dairyland	DSR-2250/R2Y	RR2Y	2.2	MR	CMB,O	Wensman	W 3214NR2	RR2Y	2.1	R	AC,PV
Dairyland	DSR-2340/R2Y	RR2Y	2.3	MR		Wensman	W 3222NR2	RR2Y	2.2	R	AC,PV
Dyna-Gro	S20RY94	RR2Y	2.0	R	ACi	Wensman	W 3256NR2	RR2Y	2.5	MR	AC,PV
Dyna-Gro	S22RY64	RR2Y	2.2	MR							i
Gold Country	2143	RR2Y	2.1		ACi						
Gold Country	2243	RR2Y	2.2	R	ACi						
Hefty	H20R3	RR2Y	2.0	MR		-					
Hefty	H21Y11	RR2Y	2.1	MR							
Hefty	H23R3	RR2Y	2.3	MR							
Jung	1201RR2	RR2Y	2.0	R	None	-					
Jung	1212RR2	RR2Y	2.1	R	None						
Jung	1225RR2	RR2Y	2.2	R	None						
Kruger	K2-2301	RR2Y	2.3	S	ACi	-					
Kruger	K2-2303	RR2Y	2.3	MR							
Latham	L2084R2	RR2Y	2.0	R	SS+						
Latham	L2185R2	RR2Y	2.1	R	SS+	-					
Latham	L21B53R2	RR2Y	2.1	R	SS+						
Latham	L2253R2	RR2Y	2.2	R	SS+						
LG Seeds	C2050R2	RR2Y	2.0	R	AC,PV						
LG Seeds	C2222R2	RR2Y	2.2	R	AC,PV						
Mustang	21993	RR2Y	2.1	R	AC						
NK Brand	S20-T6 §	RR2Y	2.0	R	CMBV	-					
NK Brand	S22-F8 §	RR2Y	2.2	S	CMBV						
NorthStar	NS 1916NR2	RR2Y	1.9	R	ACi						
NorthStar	NS 2199NR2	RR2Y	2.1	R	ACi	-					
NuTech/G2 Gen		RR	2.0	R	SCE						
NuTech/G2 Gen		RR	2.1	R	SCE						
Pfister	20R23	RR2Y	2.0	R	None	-					
Pfister	22R20	RR2Y	2.2	R	None						
Pioneer	92Y22 §	RR	2.2	R	EE,G						
Prairie Brand	PB-2024R2	RR2Y	2.0	R	CMBV	-					
Prairie Brand	PB-2136R2	RR2Y	2.1	R	CMBV						
Prairie Brand	PB-2230R2	RR2Y	2.1	R	CMBV						
Prairie Brand	PB-2351R2	RR2Y	2.3	R	CMBV	-					
Renk	RS213NR2	RR2Y	2.3	R	CMB,O						
Renk	RS224NR2	RR2Y	2.1	R	None						
-											
SOI Stino	2013NRR2Y	RR2Y	2.0	R	CMB CMB						
Stine Stine	20RD20 § 22RD00 §	RR2Y RR2Y	2.0 2.2	R MD	CMB						
JULE	22111111 3	ΓΓΖΙ	۷.۷	IVIK	CIVID						



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. VPMaxx® 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®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer.
 CK Indentifies 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® - sulfonylurea 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™
Α	Allegience®	G	Gaucho®
AC	Acceleron® fungicide products	I	Inovate™ System
ACi	Acceleron® fungicide and insecticide products	None	untreated
AM	ApronMaxx®	0	Optimize®
AP	Apron XL®	PV	Poncho®/Votivo®
AVB	Avicta® Complete Beans	RS	Right Stand™
С	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™	Т	Trilex®
EE	Evergol™ Energy		

^{*} Seed treatments may include unspecified plant health promoting components.