

## 2015 Corn Grain Top 30 Harvest Report

Red River Valley South Ultra early [ RRSO ] ELBOW LAKE  
Chad Biss, Grant County, MN 56531



Test by: MNS Seed Testing, LLC, New Richland, MN

PREV. CROP/HERB: Soybean / Roundup  
SOIL DESCRIPTION: Formdale clay loam, mod. well drained, conventional w/ fall till, non-irrigated  
SOIL CONDITION: Moderate P, moderate K, 7.8 pH, 3.5% OM  
PEST MANAGEMENT: Force, Roundup WeatherMax, SureStart  
FERTILITY - Applied N: 150 Spring  
Applied N-P-K (units): 150-60-30  
SEDED - RATE - ROW: May 1 32,000 /A 30" spacing  
HARVESTED - STAND: Oct 30 30,100 /A

### Ultra Early-Season Test

80 - 85 Day CRM

B2015RRSO13u

### Top 30 of 30

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Thunder	4585RR	RR2	85	<b>213.6</b>	16.7	1	31.0	731	2
REA	2B840-RIB	VT2P,B	84	<b>213.4</b>	16.2	1	31.5	735	1
NuTech	5N-183	3000GT	83	<b>209.0</b>	16.5	1	31.5	717	3
Nuseed	2823GTCBLL	GT/CB/LL	82	207.2	16.2	1	30.0	714	4
Mustang	2285GENVT2P	VT2P	85	204.2	16.9	1	28.6	697	6
NuTech	5B-782	GT/CB/LL	82	201.9	15.9	1	29.5	698	5
ProSeed	1483VT2PRIB	VT2P,B	83	200.0	16.0	1	31.5	691	7
Dairyland	EXP08607	3000GT	85	199.9	16.6	1	27.6	685	8
Latham	LH3427GTCBLL	GT/CB/LL	84	197.9	15.9	1	31.9	685	9
Nuseed	2852GTCBLL	GT/CB/LL	85	197.7	16.0	1	31.0	683	10
Mustang	2026GTCBLL	GT/CB/LL	83	195.8	16.4	1	30.5	673	12
NuTech/G2 Gen	5F-379^	AM,B	79	194.9	15.9	1	29.5	674	11
Prairie Brand	821AG-3122	3122	82	194.0	16.6	1	29.5	665	14
Renk	RK212GT	GT	81	193.5	16.2	1	28.6	667	13
Renk	RK266VT3P	VT3P,B	85	192.8	16.5	1	31.9	662	15
ProSeed	PX85RV2PRIB	VT2P,B	85	192.1	16.8	1	32.9	657	16
ProSeed	1385VT2PRIB	VT2P,B	85	191.1	16.4	1	31.9	657	17
Thunder	5181RR	RR2	81	190.5	16.5	1	28.6	654	18
Thunder	4383VT2PRIB	VT2P,B	83	188.8	16.4	1	31.5	649	19
NuTech/G2 Gen	5Z-783^	OI	83	187.4	16.0	1	31.0	647	20
Renk	RK240VT2P	VT2P	82	187.3	16.4	1	30.0	644	21
REA	2B850-RIB	VT2P,B	85	186.9	16.2	1	27.6	644	22
REA	1B820-RIB	VT2P,B	82	184.9	16.5	1	26.6	635	23
ProSeed	1384VT2PRIB	VT2P,B	84	183.6	16.6	2	25.7	629	24
Thunder	6385VT2PRIB	VT2P,B	85	181.9	16.6	1	30.5	624	25
Dairyland	DS9683	3122	83	179.4	16.4	1	31.5	617	26
Dyna-Gro	D21VC68	VT2P	81	176.1	16.7	1	30.0	603	27
Mustang	2282GENVT2P	VT2P	82	171.4	16.5	1	31.9	588	28
Latham	LH3397VT2ProRIB	VT2P,B	83	170.5	16.6	1	29.5	584	29
Prairie Brand	2786SX	STX	77	148.3	15.4	1	29.5	516	30

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Averages =	<b>191.2</b>	<b>16.4</b>	<b>1</b>	<b>30.1</b>	<b>658</b>
LSD (0.10) =	16.4	0.2	ns		
LSD (0.25) =	11.4	0.2	ns		
C.V. =	6.3	1.1			

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.045 Prices: GMO = \$3.50; non-GMO = \$3.50

**Test Comments:** *This site had good yields and produced some high quality test results. From the beginning of the growing season we had nice a looking plot. The field surrounding the tests had been harvested for a couple of weeks before and stalk health was still very good at harvest as no problems with lodging were observed.*

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD (0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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Revised:

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**Ultra Early-Season Test Products (30 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Dairyland	DS9683	3122	CM,C5,Vi,In	83					
Dairyland	EXP08607	3000GT	CM,C2	85					
Dyna-Gro	D21VC68	VT2P	AC,P5V	81					
Latham	LH3397VT2ProRIB	VT2P,B	AC,P2	83					
Latham	LH3427GTCBLL	GT/CB/LL	CM,C2	84					
Mustang	2026GTCBLL	GT/CB/LL	AC,P2V	83					
Mustang	2282GENVT2P	VT2P	AC,P2	82					
Mustang	2285GENVT2P	VT2P	AC,P2V	85					
Nuseed	2823GTCBLL	GT/CB/LL	CM,C2	82					
Nuseed	2852GTCBLL	GT/CB/LL	CM,C2	85					
NuTech	5B-782	GT/CB/LL	MQ,P5V	82					
NuTech	5N-183	3000GT	MQ,P5V	83					
NuTech/G2 Gen	5F-379^	AM,B	MQ,P5V	79					
NuTech/G2 Gen	5Z-783^	OI	MQ,P1V	83					
Prairie Brand	2786SX	STX	CM,C5,Vi,In	77					
Prairie Brand	821AG-3122	3122	CM,C5,Vi,In	82					
ProSeed	1384VT2PRIB	VT2P,B	AC,P2	84					
ProSeed	1385VT2PRIB	VT2P,B	AC,P2	85					
ProSeed	1483VT2PRIB	VT2P,B	AC,P2	83					
ProSeed	PX85RVT2PRIB	VT2P,B	AC,P2	85					
REA	1B820-RIB	VT2P,B	AC,P5V	82					
REA	2B840-RIB	VT2P,B	AC,P5V	84					
REA	2B850-RIB	VT2P,B	AC,P5V	85					
Renk	RK212GT	GT	CM,C2	81					
Renk	RK240VT2P	VT2P	AC,P2	82					
Renk	RK266VT3P	VT3P,B	AC,P2	85					
Thunder	4383VT2PRIB	VT2P,B	AC,C2	83					
Thunder	4585RR	RR2	AC,C2	85					
Thunder	5181RR	RR2	AC,C2	81					
Thunder	6385VT2PRIB	VT2P,B	AC,C2	85					

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. Innotech™ brand seed is distributed by Rob-See-Co, LLC. 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®, Power Plus®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.

### Corn Technologies\*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3010,A	Agrisure® Artesian® 3010 (CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3110,A	Agrisure® Viptera® 3110 w/ Artesian®	LL	LibertyLink®
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	None	conventional corn
3111,A	Agrisure® Viptera® 3111 w/ Artesian®	None,A	conventional corn w/ Artesian®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI,AQ	Optimum® Intrasect® w/ AQUAMax
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM,AQ	Optimum® AcreMax® w/ AQUAMax	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OT	Optimum® TRIssect® CHR (HX,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX,AQ	Optimum® AcreMax® Xtra w/ AQUAMax	STX	SmartStax® (VT3P,HXT,RR2,LL)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX,DG	Genuity® DroughtGard® w/ SmartStax®
AMXT,AQ	Optimum® AcreMax® Xtreme w/ AQUAMax	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT2P,DG	Genuity® DroughtGard® w/ VT Double PRO®
GT	Agrisure® GT	VT3P	Genuity® VT Triple PRO®
GT,A	Agrisure® GT w/ Artesian	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

\* The refuge component genetics may vary in a refuge blend seed product.

### Corn Seed Treatments\*\*

?	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Acceleron® fungicide products	Lu	Lumivia™
At	Actellic®	M	Maxim XL®
AVC	Avicta® Complete Corn	MQ	Maxim Quattro®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	None	untreated
CE	Cruiser Extreme®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CM	CruiserMaxx® Corn	R	Raxil® (tebuconazole)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Vi	Vibrance®

\*\* Seed treatments may include unspecified plant health promoting components.