

2018 Corn Grain Top 30 Performance Summary for Red River Valley South [ RRSO ]



Early-Season Test

85 - 90 Day CRM

B2018RRSOa

Top 30 of 40

For Gross Income (Sorted by Yield), (20) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Barnesville		Foxhome		Wheaton
				Bu/A ↓	%	%	\$/A	Rank	Fairmount	Wendell			
Proseed	1790VT2PRIB	VT2P,B	90	<b>198.1</b>	16.8	0	546	1	<b>174.9</b>	<b>201.7</b>	<b>209.6</b>	189.1	<b>215.4</b>
Golden Harvest	G84J92-3011A	3011,A	85	<b>197.1</b>	16.9	0	543	2	155.2	192.7	<b>207.6</b>	<b>207.5</b>	<b>222.7</b>
REA	3B902	VT2P,B	90	<b>195.8</b>	16.3	0	542	3	<b>168.0</b>	<b>190.3</b>	<b>208.9</b>	<b>195.4</b>	<b>216.5</b>
REA	2B861	VT2P,B	86	<b>195.7</b>	16.4	1	541	4	159.7	187.2	<b>207.1</b>	198.2	<b>226.3</b>
REA	3B891	VT2P,B	89	<b>193.2</b>	16.3	1	535	5	<b>171.6</b>	<b>200.8</b>	195.1	<b>194.7</b>	<b>203.9</b>
Dyna-Gro	D27VC47	VT2P	87	190.8	15.9	0	530	7	153.3	191.9	<b>210.6</b>	186.3	212.0
Dairyland	DS-9686	3000GT	86	190.8	16.5	0	527	9	156.2	179.5	201.7	188.8	<b>227.8</b>
Hefty	H3922VT2P	VT2P	89	190.2	16.4	0	526	11	149.1	195.5	<b>208.0</b>	197.5	201.1
NK Brand	NK8881-3010A	3010,A	88	190.2	16.5	0	525	13	151.3	192.1	199.0	188.2	<b>220.3</b>
Dyna-Gro	D27VC87	VT2P	87	190.1	15.8	0	528	8	161.4	191.0	<b>207.8</b>	179.4	210.9
Thunder	6888VT2P	VT2P,B	88	189.7	16.5	0	524	14	165.4	186.0	198.4	189.0	209.5
Hefty	H3902VT2PRIB	VT2P,B	89	189.4	15.8	0	527	10	151.6	169.7	<b>224.6</b>	190.3	210.7
Renk	RK408VT2P	VT2P,B	90	189.3	16.9	0	521	16	163.3	193.0	189.9	189.4	210.9
Latham	LH3695VT2ProRIB	VT2P,B	86	189.2	15.7	0	526	12	160.9	191.9	190.2	197.1	205.8
Latham	LH4015VT2Pro	VT2P	90	189.1	16.1	0	524	15	153.5	180.9	<b>214.0</b>	191.0	206.0
Mustang	2290VT2PRIB	VT2P,B	90	187.5	16.4	0	518	18	150.7	<b>204.4</b>	193.9	194.2	194.4
NuTech	5N-886	3011,A	86	187.3	16.6	0	517	19	155.2	187.6	193.3	<b>200.1</b>	200.3
NK Brand	NK8618-3011A	3011,A	86	186.5	16.7	0	514	22	146.9	187.6	205.9	194.1	198.2
Hefty	H3712VT2PRIB	VT2P,B	87	186.0	15.4	1	519	17	161.0	186.8	193.1	183.1	206.2
Mustang	3287VT2PRIB	VT2P,B	87	186.0	15.8	0	517	20	156.0	185.4	194.9	186.6	206.9
NK Brand	NK8920-3120-EZR	3120,B	89	185.4	16.8	1	511	26	159.6	<b>204.2</b>	168.8	186.6	207.7
Golden Harvest	G89A09-3120-EZR	3120,B	89	185.3	17.2	2	509	27	<b>172.9</b>	193.3	155.3	190.0	214.8
NuTech/G2 Gen	E5FN-A386	OI	86	185.2	16.2	0	513	24	161.5	176.8	197.9	192.6	197.1
Latham	LH3585VT2Pro	VT2P	85	185.1	15.8	1	515	21	158.5	181.0	195.3	190.9	199.9
Renk	RK287VT2P	VT2P,B	87	184.9	16.1	0	513	25	155.0	180.0	195.4	180.8	213.4
Thunder	6986VT2P	VT2P	86	184.6	15.7	0	514	23	148.8	189.9	187.2	<b>200.2</b>	197.1
Titan Pro	83-87 2P	VT2P,B	87	183.1	16.2	0	507	28	154.9	180.4	202.4	191.9	185.7
Latham	LH3755VT2ProRIB	VT2P,B	87	182.1	16.1	1	505	29	150.6	190.8	196.2	196.4	176.7
Hefty	H3622VT2P	VT2P	86	181.3	16.1	0	503	30	155.9	184.1	188.7	195.6	182.1
Mustang	3286VT2PRIB	VT2P,B	86	180.9	15.9	1	502	31	142.0	192.9	187.6	189.5	192.7
Pioneer	P9188AM CK	AM,B	91	<b>193.7</b>	16.9	0	533	6	153.8	196.8	199.3	<b>202.9</b>	<b>215.9</b>

Averages =	<b>185.1</b>	<b>16.2</b>	<b>0</b>	<b>513</b>	<b>155.6</b>	<b>184.8</b>	<b>193.7</b>	<b>189.4</b>	<b>202.1</b>
LSD (0.10) =	7.7	0.4	ns		13.0	14.6	13.2	10.3	13.3
LSD (0.25) =	4.0	0.2	ns		6.8	7.7	6.9	5.4	7.0

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Previous years average yield for region, 177.2 bu/a, 9 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$2.80 GMO; \$2.80 non-GMO

† See last page for additional information. Dark shaded 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 test grain moisture limit. **ns** = not significantly different; ‡ = 2 reps.

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Report Date: 11/05/2018

Revised:

2018 Corn Grain Top 30 Performance Summary for Red River Valley South [ RRSO ]



Full-Season Test

91 - 95 Day CRM

B2018RRSOB

Top 30 of 40

For Gross Income (Sorted by Yield), (20) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/A	Rank	Barnesville	Fairmount	Foxhome	Wendell	Wheaton
Enestvedt	E612RR	RR2	92	<b>208.9</b>	18.3	0	568	1	<b>186.8</b>	205.6	<b>228.7</b>	203.5	<b>220.0</b>
Latham	LH4517VT2Pro	VT2P	95	<b>208.5</b>	18.7	2	565	2	179.2	211.7	206.2	<b>216.5</b>	<b>229.1</b>
NK Brand	NK9227-3220A-EZR	3220,A,B	92	<b>206.6</b>	19.1	0	557	4	167.8	<b>220.3</b>	<b>226.4</b>	<b>211.9</b>	206.7
Golden Harvest	G95D32-3220-EZR	3220,B	95	<b>206.3</b>	19.0	3	557	5	178.1	<b>227.9</b>	205.8	<b>217.3</b>	202.2
Anderson	742R	RR2	92	<b>206.1</b>	18.3	0	560	3	173.8	208.0	<b>234.8</b>	203.3	210.4
Titan Pro	82-95 2P	VT2P,B	95	<b>205.8</b>	19.6	0	553	6	<b>184.9</b>	<b>219.5</b>	217.4	204.2	203.0
Golden Harvest	G90Y04-3220A-EZR	3220,A,B	92	204.0	19.5	0	548	9	174.4	<b>225.0</b>	219.2	204.8	196.5
Mustang	3294VT2PRIB	VT2P,B	94	203.0	18.5	1	551	7	<b>183.3</b>	194.4	214.0	203.7	<b>219.5</b>
Anderson	795R	RR2	95	202.7	18.6	0	549	8	172.1	206.1	212.5	201.3	<b>221.4</b>
Titan Pro	TP 48-93 2P GC	VT2P,B	93	201.6	18.8	0	545	12	176.6	211.0	219.9	198.9	201.5
Hefty	H4522VT2P	VT2P	95	201.6	19.7	0	541	18	172.4	199.5	<b>225.1</b>	202.3	208.9
Latham	LH4454VT2ProRIB	VT2P,B	94	201.2	19.1	2	543	13	<b>183.5</b>	210.7	202.3	197.3	212.4
NuTech	5G-293	3110,A	93	201.0	18.4	0	546	10	168.7	204.1	<b>226.7</b>	202.3	203.4
Thunder	6794VT2P	VT2P,B	94	200.7	18.7	2	543	14	177.4	213.9	202.0	206.3	204.0
Renk	8-536VT2P	VT2P	94	200.6	19.2	2	541	19	164.2	195.1	221.0	<b>210.4</b>	212.5
Dyna-Gro	D32VC41	VT2P	92	200.5	18.1	0	546	11	170.5	213.2	215.7	205.1	197.8
Federal	4580VT2PRIB GC	VT2P,B	95	200.1	19.2	0	539	20	175.1	210.8	208.5	202.9	203.0
Hefty	H4222VT2P	VT2P	92	199.2	19.0	0	538	22	174.4	211.0	219.8	191.2	199.5
Dahlman	R47-24VT2PRIB	VT2P,B	94	199.1	17.9	1	543	15	171.7	209.3	206.9	202.8	204.9
Thunder	6993VT2P	VT2P	93	199.0	18.7	0	539	21	<b>188.2</b>	<b>219.5</b>	213.4	196.4	177.5
Hefty	H4102VT2PRIB	VT2P,B	91	198.4	17.7	0	542	16	168.3	203.2	210.9	202.1	207.5
Thunder	6992VT2P	VT2P	92	198.2	17.6	0	542	17	161.0	201.7	<b>227.6</b>	206.2	194.7
Mustang	2291VT2PRIB	VT2P,B	91	196.8	17.6	0	538	23	162.9	194.4	223.0	193.2	210.3
Dahlman	R48-28VT2PRIB	VT2P,B	95	196.8	18.9	0	532	25	176.3	208.6	202.9	197.8	198.5
Dairyland	DS-7294A	3220	94	196.8	19.3	0	530	26	162.8	<b>222.5</b>	214.0	190.1	194.4
Thunder	6791VT2P	VT2P,B	91	195.9	18.1	1	533	24	171.1	198.6	205.6	199.8	204.4
Dyna-Gro	D34VC54	VT2P	94	193.7	17.6	4	530	28	171.7	200.9	181.9	197.7	216.4
Latham	LH4437VT2ProRIB	VT2P,B	94	193.7	18.1	3	527	29	180.8	204.0	199.9	199.8	183.8
Federal	4190VT2P GC	VT2P	91	193.0	17.7	0	527	30	160.5	197.9	214.6	195.4	196.7
Hefty	H4324SS	STX	93	192.8	19.2	0	520	31	173.3	201.0	202.6	192.5	194.7
Pioneer	P9188AM CK	AM,B	91	194.5	18.1	0	530	27	157.6	196.5	222.4	193.0	203.1

Averages =	<b>197.0</b>	<b>18.5</b>	<b>1</b>	<b>534</b>	<b>171.2</b>	<b>204.2</b>	<b>208.4</b>	<b>198.7</b>	<b>202.6</b>
LSD (0.10) =	7.9	0.4	2		10.5	12.7	15.3	9.0	14.3
LSD (0.25) =	4.1	0.2	1		5.5	6.7	8.1	4.7	7.5

Previous years average yield for region, 177.2 bu/a, 9 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$2.80 GMO; \$2.80 non-GMO

† See last page for additional information. Dark shaded 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 test grain moisture limit. **ns** = not significantly different; ‡ = 2 reps.

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Report Date: 11/05/2018

Revised:





## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.
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)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Borer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer

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

### Corn Seed Treatments\*\*

?	information not provided	D	Dynasty®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
A	Allegiance®	Es	Escalate®	R	Raxil®
AC	Acceleron® fungicide products	HC	Hefty Complete	Sa	Sativa™
AL2500	Alert 2500	In	Intego™ Solo	Se	Sebring™
At	Actellic®	L	Lorsban®	Sn	Senator™
AVC	Avicta® Complete Corn	Lu	Lumivia™	Sp	Spirato™
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	M	Maxim XL®	SC	SHIELDCoat™
CE	Cruiser Xtreme®	MQ	Maxim Quattro®	V	Votivo®
CM	CruiserMaxx® Corn	None	untreated	Vi	Vibrance®

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