

2018 Corn Grain Top 30 Performance Summary for Red River Valley Central [RRCE]



Early-Season Test

80 - 85 Day CRM

B2018RRCEa

Top 30 of 32

For Gross Income (Sorted by Yield), (19) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Blanchard	Grand Forks^		Mahnomen	
				Bu/A ↓	%	%	\$/A	Rank	Georgetown	Hope			
Partners Brand	PB 5203-3000GT GC	3000GT	82	180.5	20.5	0	481	1	207.4	198.5	141.4	187.6	167.4
NK Brand	NK8519-3110	3110	85	179.3	20.2	0	479	2	190.9	198.2	154.2	184.0	169.0
Latham	LH3151RR	RR2	81	177.9	19.4	0	479	3	188.7	188.4	152.3	207.8	152.5
Renk	RK264RR	RR2	85	177.7	20.5	0	473	5	208.0	203.7	128.1	204.0	144.9
NK Brand	NK8455-3220A-EZR	3220,A,B	84	177.5	20.1	0	474	4	211.6	200.9	128.5	193.8	152.9
Latham	LH3585VT2Pro	VT2P	85	175.5	20.4	1	468	8	218.9	195.5	141.8	181.4	139.7
Partners Brand	PB 5630-VIP3110 GC	3110	84	174.5	19.6	0	469	7	190.1	188.5	147.5	195.7	150.5
Hefty	H3502VT2PRIB	VT2P,B	85	174.3	19.7	0	468	9	184.4	202.3	136.7	184.8	163.2
NuTech	5GN-8484	3110,A	84	173.8	20.1	0	464	10	181.4	206.6	138.1	188.0	155.1
Golden Harvest	G82M47-3220-EZR	3220,B	82	172.0	20.2	0	459	12	194.3	211.5	116.8	190.6	146.7
NK Brand	NK8005-3110A	3110,A	80	171.9	20.3	0	459	13	192.9	198.5	128.2	195.6	144.3
NuTech	5N-183	3000GT	83	171.2	19.6	0	460	11	178.6	204.0	122.7	184.3	166.6
Thunder	6983VT2P	VT2P	83	170.1	19.5	0	457	14	180.9	191.7	121.0	189.2	167.6
Thunder	6785VT2P	VT2P,B	85	170.0	20.1	0	454	16	188.6	190.8	111.2	193.4	166.0
Hefty	H3122VT2P	VT2P	81	169.6	19.4	0	456	15	185.6	193.3	122.9	191.0	155.0
Enestvedt	E843RR	RR2	85	168.6	20.6	0	448	19	197.6	187.0	128.3	187.8	142.5
Thunder	6782VT2P	VT2P,B	81	168.3	19.4	0	453	17	189.1	186.6	132.2	182.5	151.2
Prairie Brand	3218PWRA GC	PC,B	82	166.2	18.6	0	450	18	182.2	194.9	129.6	177.6	146.7
Proseed	1385VT2PRIB	VT2P,B	85	166.2	19.1	0	448	20	190.3	185.0	135.0	168.8	152.1
Mustang	2283VT2PRIB	VT2P,B	83	166.2	19.6	0	446	21	187.0	176.8	134.7	180.5	151.9
Golden Harvest	G80Q01-3110A	3110,A	80	166.2	20.0	0	445	23	179.8	187.0	128.2	190.3	145.7
Latham	EX3325VT2Pro	VT2P	83	165.6	20.0	0	443	24	185.6	178.7	137.6	166.3	159.6
Dyna-Gro	D22VC62	VT2P	82	165.0	18.9	0	446	22	172.5	176.7	126.4	197.6	151.8
Hefty	H3022VT2P	VT2P	80	162.3	19.1	0	438	25	185.5	182.2	138.1	161.9	143.6
Proseed	1382VT2PRIB	VT2P,B	82	160.9	19.6	0	432	26	160.0	180.8	123.6	184.6	155.5
Hefty	H2922VT2P	VT2P	80	155.2	18.5	0	421	27	168.0	169.1	122.9	169.0	147.2
Thunder	4383VT2P	VT2P,B	83	154.1	18.3	0	419	28	165.0	180.6	119.9	158.8	146.1
Dairyland	RPM-2918AM	AM,B	85	153.3	20.1	1	410	29	185.4	158.5	106.7	177.0	138.9
Renk	RK270RR	RR2	85	150.4	20.3	1	401	31	151.0	176.1	110.5	175.4	138.8
Latham	LH3117VT2ProRIB	VT2P,B	81	149.6	18.7	1	405	30	162.2	166.5	115.8	166.2	137.5
Dekalb	DKC35-88RIB CK	VT2P,B	85	175.3	19.6	0	471	6	188.7	210.6	135.3	187.0	154.7

Averages =	167.1	19.7	0	448	184.5	187.9	129.3	182.9	151.0
LSD (0.10) =	8.1	0.5	ns		16.0	12.1	15.2	14.0	12.2
LSD (0.25) =	4.2	0.3	ns		8.4	6.4	8.0	7.3	6.4

Luke Brendemuhl

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Previous years average yield for region, 155.9 bu/a, 2 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; ^ = 3 reps.

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Revised:

2018 Corn Grain Top 30 Performance Summary for Red River Valley Central [RRCE]



Full-Season Test

86 - 90 Day CRM

B2018RRCEb

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For Gross Income (Sorted by Yield), (18) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Blanchard	Grand Forks‡			Mahnomens
				Bu/A ↓	%	%	\$/A	Rank		Georgetown	Hope		
Mustang	3287VT2PRIB	VT2P,B	87	190.9	21.3	0	504	1	205.3	216.0	152.3	207.0	173.8
Latham	LH3937VT2ProRIB	VT2P,B	89	187.7	22.5	0	490	6	216.4	213.9	149.4	180.3	178.6
Dairyland	DS-9686	3000GT	86	187.3	20.9	0	497	2	217.9	202.4	141.9	197.5	176.9
Enestvedt	E878VT2PRIB	VT2P,B	87	185.2	21.0	0	491	3	213.4	203.5	143.7	193.3	172.0
Golden Harvest	G84J92-3011A	3011,A	85	184.9	20.8	0	491	4	216.3	205.5	104.7	214.6	183.4
Mustang	2290VT2PRIB	VT2P,B	90	184.9	21.4	0	488	7	202.6	207.9	146.7	194.5	172.8
Dyna-Gro	D27VC87	VT2P	87	184.8	20.8	0	491	5	214.8	200.2	133.7	198.8	176.7
Thunder	6986VT2P	VT2P	86	184.0	21.2	0	487	9	217.4	204.2	138.0	199.6	161.0
REA	2B861	VT2P,B	86	183.7	20.9	0	487	10	194.8	215.6	127.5	198.4	182.0
NK Brand	NK8881-3010A	3010,A	88	183.4	21.0	0	486	11	230.0	206.2	124.2	189.0	167.5
REA	3B891	VT2P,B	89	183.3	20.5	0	488	8	192.3	213.5	139.7	200.2	170.8
Golden Harvest	G88F37-3010A	3010,A	88	182.6	20.9	0	484	13	222.9	199.2	135.1	183.1	172.8
Hefty	H4012VT2PRIB	VT2P,B	90	182.4	21.7	0	480	17	216.6	223.1	123.2	178.0	170.9
Latham	LH3695VT2ProRIB	VT2P,B	86	182.2	20.6	0	485	12	182.7	214.8	127.2	206.3	180.2
Proseed	1787VT2PRIB	VT2P,B	87	182.0	20.8	1	483	14	208.6	197.2	138.0	191.9	174.3
NuTech	5N-886	3011,A	86	181.8	20.7	0	483	15	205.5	206.9	124.3	193.1	179.0
Thunder	6987VT2P	VT2P	87	180.8	20.5	0	481	16	198.3	215.1	124.1	190.4	176.3
Renk	RK408VT2P	VT2P,B	90	180.8	21.5	0	477	18	176.6	219.7	134.1	200.8	172.8
REA	3B902	VT2P,B	90	179.5	21.5	0	473	20	212.5	207.5	132.2	183.1	162.4
Hefty	H3712VT2PRIB	VT2P,B	87	179.4	20.8	0	476	19	212.2	201.0	136.9	184.3	162.6
Pioneer	P9188AM GC	AM,B	91	178.6	21.2	0	472	22	191.2	199.5	125.9	199.2	177.3
Taylor	8186VT2ProRIB GC	VT2P,B	86	178.3	20.9	0	473	21	184.6	213.2	126.1	197.0	170.4
Hefty	H3622VT2P	VT2P	86	178.1	21.3	0	471	23	194.3	207.4	129.9	181.5	177.2
Thunder	6888VT2P	VT2P,B	88	177.5	21.7	0	467	25	191.3	197.8	128.4	197.1	172.7
NK Brand	NK8618-3011A	3011,A	86	176.4	20.7	0	469	24	183.7	215.4	124.3	185.4	173.3
Golden Harvest	G89A09-3120-EZR	3120,B	89	176.0	22.1	0	462	27	202.7	204.9	117.9	178.5	176.1
Mustang	3286VT2PRIB	VT2P,B	86	175.2	20.5	0	466	26	200.5	195.9	128.0	187.5	164.0
NK Brand	NK8920-3120-EZR	3120,B	89	174.3	21.5	0	460	29	212.3	211.7	106.5	180.4	160.5
Hefty	H3922VT2P	VT2P	89	173.8	20.9	0	461	28	171.9	211.8	123.1	191.9	170.3
Latham	LH3755VT2ProRIB	VT2P,B	87	171.9	20.9	0	456	31	193.2	205.1	121.2	179.3	160.6
Dekalb	DKC35-88RIB CK	VT2P,B	85	171.6	20.0	0	459	30	192.7	205.9	116.5	174.2	168.5

Averages =	177.7	21.0	0	471	198.7	204.8	127.5	187.9	169.8
LSD (0.10) =	8.3	0.5	0		16.1	11.2	17.1	13.5	11.0
LSD (0.25) =	4.4	0.3	0		8.5	5.9	8.9	7.1	5.8

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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.