

2017 Corn Grain Top 30 Performance Summary for Red River Valley South [RRSO]



Early-Season Test

88 - 93 Day CRM

B2017RRSOa

Top 30 of 36

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/A	Rank	Elbow Lake	Hawley‡	Wheaton		
									Gwinner	Rothsay			
REA	3B902	VT2P,B	90	227.2	18.3	2	663	1	216.5	249.8	220.8	221.2	227.7
Legacy Seeds	LX-3047VT2PRO	VT2P	91	224.3	18.9	1	651	2	219.8	244.8	203.3	233.3	220.3
Hefty	H4012VT2P	VT2P	90	222.3	19.2	1	644	3	219.4	245.0	188.3	242.8	216.1
REA	4B931-RIB	VT2P,B	93	220.3	19.3	1	637	8	205.3	244.2	200.9	223.9	227.3
Latham	LH4147VT2ProRIB	VT2P,B	91	220.2	18.7	2	640	4	202.1	241.6	196.0	218.8	242.5
Dyna-Gro	D32VC41	VT2P	92	220.0	18.6	2	640	5	207.4	247.3	183.3	230.7	231.5
Latham	LH4097VT2ProRIB	VT2P,B	90	219.2	18.2	2	640	6	217.2	234.1	205.4	219.0	220.5
Thunder	6789VT2PRIB	VT2P,B	89	218.5	17.9	2	640	7	207.6	254.9	179.3	230.0	220.7
REA	3A922-RIB	STX,B	92	218.5	18.8	1	635	9	217.1	238.0	184.8	231.1	221.3
Thunder	7993VT2PRIB	VT2P,B	93	217.0	20.0	1	624	15	213.0	231.0	187.1	228.3	225.4
Legacy Seeds	L-3017VT2PRO	VT2P	90	216.5	19.2	2	627	12	210.6	236.5	185.6	228.5	221.2
Mustang	2290VT2PRIB	VT2P,B	90	216.4	18.3	1	631	10	201.9	243.7	199.5	225.1	212.0
Renk	RK433RR	RR2	92	216.0	19.3	2	625	14	204.4	250.1	173.3	236.7	215.6
Mustang	3292VT2PRIB	VT2P,B	92	215.3	19.8	1	620	18	204.3	226.8	196.7	226.9	221.6
REA	3B910	VT2P,B	91	215.0	18.2	1	628	11	226.2	241.8	166.6	226.0	214.4
Anderson	742R	RR2	92	214.5	19.5	1	619	19	196.3	228.0	189.9	237.6	220.8
Thunder	6888VT2PRIB	VT2P	88	214.4	18.5	2	624	16	213.3	236.6	187.9	215.0	219.2
Proseed	1591VT2PRIB	VT2P,B	91	214.2	18.8	1	622	17	212.9	240.8	178.6	233.0	205.9
Hefty	H3902VT2PRIB	VT2P,B	89	213.9	17.8	1	627	13	208.7	230.5	199.5	212.7	218.3
NuTech	5G-293	3010	93	213.4	19.3	2	617	22	214.0	236.5	194.4	209.1	212.9
Thunder	4791RR	RR2	91	212.7	18.6	1	619	20	205.0	239.0	188.3	222.7	208.5
Legacy Seeds	L-3115VT2PRORIB	VT2P,B	92	212.7	18.8	2	618	21	197.7	240.2	186.2	218.4	220.9
Dyna-Gro	D33QZ23	3110,A	93	211.2	19.2	2	611	25	187.9	242.5	195.2	222.1	208.1
Latham	LH3877VT2ProRIB	VT2P,B	88	210.7	17.9	1	617	23	199.5	232.9	193.3	220.8	207.1
Latham	LH3937VT2Pro	VT2P	89	209.7	20.0	2	603	31	200.7	227.5	182.2	230.3	207.9
Golden Harvest	G90Y04-3110A	3110,A	92	209.6	19.1	7	607	26	203.6	237.5	185.8	207.1	214.1
Dairyland	DS-9090SSX	STX	90	209.1	18.9	1	607	27	198.1	229.4	189.0	229.7	199.5
Hefty	H4102VT2PRIB	VT2P,B	91	208.2	18.7	1	605	29	211.5	219.0	174.0	221.5	214.8
Mustang	4291VT2PRIB	VT2P,B	91	207.6	18.6	2	604	30	204.1	227.8	176.8	214.5	214.9
Mustang	2289VT2PRIB	VT2P,B	89	207.2	17.9	2	607	28	203.7	235.9	179.0	209.9	207.4
Dekalb	DKC44-13RIB CK	STX,B	94	213.2	19.4	1	616	24	209.8	220.0	180.5	231.3	224.2

Averages = **213.0** **18.8** **2** **619** **205.4** **236.0** **187.5** **221.6** **214.8**
 LSD (0.10) = 5.9 0.2 1 11.7 11.4 15.0 12.9 14.1
 LSD (0.25) = 3.1 0.1 0 6.2 6.0 7.9 6.8 7.4

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Previous years average yield for region, 170.1 bu/a, 8 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.00 GMO; \$3.00 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; ‡ = 3 reps.

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Revised:

2017 Corn Grain Top 30 Performance Summary for Red River Valley South [RRSO]



Full-Season Test

94 - 97 Day CRM

B2017RRSOB

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/A	Rank	Elbow Lake	Hawley‡	Rothsay	Wheaton	
Latham	LH4437VT2ProRIB	VT2P,B	94	230.3	19.9	3	663	1	213.3	241.8	207.7	245.0	243.6
Proseed	PX694VT2PRIB	VT2P,B	94	228.6	20.0	1	657	2	201.5	243.3	208.3	241.7	248.4
Thunder	6794VT2PRIB	VT2P,B	94	228.2	20.2	2	655	5	217.9	245.9	205.2	232.2	239.8
Proseed	1595VT2PRIB	VT2P,B	95	227.7	19.5	2	657	3	217.7	245.8	201.4	232.0	241.5
Mustang	3294VT2PRIB	VT2P,B	94	227.4	19.7	2	655	6	213.6	256.0	182.9	245.0	239.6
Thunder	7396VT2PRIB	VT2P,B	96	226.3	18.9	1	657	4	223.7	238.5	201.9	226.1	241.5
Legacy Seeds	L-3416VT2PRORIB	VT2P,B	94	224.3	19.9	2	645	7	211.8	259.3	186.2	228.1	236.2
Dahlman	R48-21VT2P	VT2P	96	224.2	20.4	1	642	8	232.7	228.9	179.8	238.8	240.7
Latham	LH4657VT2Pro	VT2P	96	222.2	20.4	1	637	9	218.6	244.2	175.9	233.8	238.6
Legacy Seeds	L-3816VT2PRODG	VT2P,B	98	222.0	21.5	1	630	12	208.9	226.6	193.7	234.9	245.8
Renk	RK566SSTX	STX,B	94	220.3	20.0	1	633	10	208.1	238.5	185.7	227.7	241.6
Dahlman	R47-24VT2PRIB	VT2P,B	94	219.7	20.1	2	631	11	203.8	246.6	171.0	236.2	241.1
Latham	LH4454VT2ProRIB	VT2P,B	94	219.7	21.0	1	626	19	232.3	231.3	170.7	231.0	233.4
Thunder	4695RR	RR2	95	219.6	20.8	1	627	16	210.3	242.2	194.0	223.1	228.3
Mustang	4297VT2PRIB	VT2P,B	97	219.6	22.0	1	620	23	214.1	235.8	172.2	231.1	244.8
Hefty	H4612VT2P	VT2P	96	219.0	20.5	1	627	17	218.1	230.7	192.1	221.7	232.4
Dyna-Gro	D34VC54	VT2P	94	218.8	20.1	2	629	14	205.1	245.4	179.4	239.1	225.1
Mustang	3894SSRIB	STX,B	94	218.3	19.5	1	630	13	211.6	231.1	182.2	233.6	233.1
Dahlman	R48-28VT2P	VT2P	95	217.8	20.3	1	625	20	209.2	238.8	179.5	224.9	236.7
Anderson	795R	RR2	95	217.3	20.8	1	620	24	218.0	225.3	187.7	221.2	234.3
Legacy Seeds	L-3626VT2PRORIB	VT2P,B	97	217.2	20.9	1	620	25	208.8	231.9	184.8	226.0	234.3
Legacy Seeds	L-3712VT2PRORIB	VT2P,B	96	217.1	21.0	1	619	26	204.2	244.4	167.7	233.1	236.2
Golden Harvest	G95D32-3110	3110	95	216.7	19.3	3	627	18	208.7	254.6	181.8	207.0	231.5
Hefty	H4504SSRIB	STX,B	95	216.5	20.3	2	621	22	208.5	236.0	161.4	224.8	251.7
NK Brand	NK9454-3110A	3110,A	94	215.5	19.3	3	623	21	215.2	244.2	170.8	215.1	232.0
NuTech/G2 Gen	5F-196^	AM,B	96	214.3	19.6	2	618	27	199.4	224.6	197.0	230.5	220.1
Renk	RK568VT3P	VT3P,B	95	211.4	20.5	1	605	29	201.2	227.0	171.6	229.3	227.8
NuTech/G2 Gen	5FN-6097^	OI	97	210.4	19.4	1	608	28	200.2	227.8	186.5	221.4	216.0
Dairyland	DS-7294	3110	94	209.2	19.3	3	605	30	204.9	234.3	171.0	204.3	231.5
Latham	LH4727VT2ProRIB	VT2P,B	97	207.3	19.3	1	600	31	190.4	220.2	173.3	223.3	229.2
Dekalb	DKC44-13RIB CK	STX,B	94	217.7	19.5	1	629	15	211.4	234.6	181.7	227.0	233.6

Averages =	216.7	20.1	2	622	209.9	234.4	182.4	225.0	231.8
LSD (0.10) =	6.2	0.3	1		12.5	11.1	18.6	13.6	13.7
LSD (0.25) =	3.2	0.2	0		6.6	5.8	9.8	7.1	7.2

Previous years average yield for region, 170.1 bu/a, 8 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.00 GMO; \$3.00 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; ‡ = 3 reps.

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Revised:

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. HPT [®] brand seed is distributed by Hoegemeyer Hybrids, 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. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] and Phoenix [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , Power Plus [®] , RPM [®] , Supreme EX [®] , VPM [®] 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)	GT	Agrisure [®] GT
3010	Agrisure [®] 3010 (CB,LL,GT)	HX	Herculex [®] 1, contains LL
3011,A	Agrisure [®] Artesian [®] (CB,RW,LL,GT)	HXRW	Herculex [®] Rootworm, contains LL
3110	Agrisure [®] Viptera [®] 3110 (Vip, CB,LL,GT)	HXT	Herculex [®] Xtra (HX,HXRW,LL)
3111	Agrisure [®] Viptera [®] 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink [®]
3120	Agrisure [®] 3120 (CB,HX,LL,GT)	None	conventional corn
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)	OIX	Optimum [®] Intrasect [®] Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure [®] Artesian [®]	OIXT	Optimum [®] Intrasect [®] Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum [®] AcreMax [®] (YGCB,HX,LL,RR2)	PC	PowerCore [™] (HX, VT2P)
AMT	Optimum [®] AcreMax [®] TRIsect (HX,RW,LL,RR2)	RR2	Roundup Ready [®] 2 Corn
AMX	Optimum [®] AcreMax [®] Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure [®] Rootworm
AMXT	Optimum [®] AcreMax [®] Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax [®] (VT3P,HXT,RR2,LL)
AQ	Optimum [®] AQUAMax [®]	VT2P	Genuity [®] VT Double PRO [®]
B	Refuge Blend	VT3P	Genuity [®] VT Triple PRO [®]
CB	Agrisure [®] Corn Borer	YGCB	YieldGard [®] Corn Borer
DG	Genuity [®] DroughtGard [®]		

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

Corn Seed Treatments**

?	information unavailable	CM	CruiserMaxx [®] Corn	None	untreated
A	Allegiance [®]	D	Dynasty [®]	P2, P5, P1	Poncho [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AC	Acceleron [®] fungicide products	Es	Escalate [®]	R	Raxil [®]
AL2500	Alert 2500 [™]	In	Intego [™] Solo	SC	SHIELDCoat [™]
At	Actellic [®]	L	Lorsban [®]	V	Votivo [®]
AVC	Avicta [®] Complete Corn	Lu	Lumivia [™]	Vi	Vibrance [®]
C2, C5, C1	Cruiser [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively	M	Maxim XL [®]		
CE	Cruiser Extreme [®]	MQ	Maxim Quattro [®]		

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