

2017 Corn Grain Top 30 Harvest Report

Red River Valley Central [RRCE] HUNTER
Henry Burchill, Cass County, ND 58048



PREV. CROP/HERB: Soybean / Roundup, Abundit
SOIL DESCRIPTION: Glyndon loam, mod. poor drained, non-irrigated
SOIL CONDITION: Strip-till, high P, low K, 8 pH, 2.6% OM, 19.1 CEC
PEST MANAGEMENT: atrazine
FERTILITY - Applied N: 29 Spring
Applied N-P-K (units): 29-26-30
SEEDING - RATE - ROW: May 15 34,000 /A 30" spacing
HARVESTED - STAND: Nov 8 32,300 /A

Early-Season Test
82 - 87 Day CRM
B2017RRCE03a

Top 30 of 48
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
Miller Hybrid	887-05	None	87	188.9	18.4	0	32.5	284	1
Frame Brand	20780x	3220-B	85	185.4	17.2	0	32.1	275	2
Taylor	8xP 87 GC	V7ZP	87	173.4	18.4	0	32.1	248	3
Proseed	PL707V7ZP98	V7ZP-B	87	173.2	18.7	0	31.1	246	4
NEA	20372	None	87	172.4	18.2	0	32.1	246	5
Chancellor	05-888	3080Z	86	171.3	21.1	0	32.1	233	6
Nutrena2 Gen	107H400P	05	85	171.0	18.1	0	32.1	242	7
Working	2087V7ZP98	V7ZP-B	87	170.4	18.1	0	32.1	235	10
NEA	20440-88	V7ZP-B	84	170.4	18.1	0	31.1	224	12
Holly	H0520V7ZP98	V7ZP-B	85	170.3	18.1	0	31.5	227	8
Proseed	1702V7ZP98	V7ZP-B	87	170.2	18.9	0	31.9	225	11
Golden Harvest	084-82 2011A	2011A	85	170.0	18.1	0	33.0	214	13
Frame Brand	8210206r GC	None	87	170.0	18.1	0	31.8	208	14
Nutrena	84-888	3080Z	86	170.0	18.1	0	33.0	208	17
Rain	8628V7ZP	V7ZP-B	87	170.0	18.0	0	32.5	207	16
Frame Brand	2117020r GC	None	87	170.0	18.0	0	32.5	201	18
Nutrena	1702x-888	V7ZP-B	87	170.0	18.2	0	31.8	200	19
Chancellor	160-421V7ZP98 GC	V7ZP-B	87	169.8	18.4	0	32.5	200	19
Proseed	0107-2080Z	3080Z	87	172.4	18.8	0	31.8	200	21
Rain	8628x	V7ZP-B	85	171.4	18.3	0	31.1	200	20
Holly	H0712	V7ZP	87	170.4	18.5	0	32.1	207	22
Latham	LH2487V7ZP	V7ZP	84	168.8	17.8	0	32.1	200	23
Dura-Gro	027H28	V7ZP-B	85	167.1	18.3	0	32.5	277	25
NEA	20441	V7ZP-B	86	166.8	18.1	0	32.5	278	24
Proseed	17030Z	07	83	165.8	18.8	0	32.5	275	26
Working	2082V7ZP98	V7ZP-B	82	163.3	17.8	0	32.5	271	27
Everbloom	8378	None	85	161.8	18.8	0	32.1	264	28
Working	2085V7ZP98	V7ZP-B	85	160.7	18.4	0	32.5	262	29
Latham	LH2700V7ZP	V7ZP	87	160.3	18.8	0	33.0	253	31
Chancellor	160-310V7ZP98 GC	V7ZP-B	86	160.0	17.8	0	32.1	257	30
Proseed	17030Z	V7ZP-B	87	159.1	18.1	0	32.1	247	32

DATA REJECTED

Averages =	107.3	18.4	0	32.3	279
LSD (0.10) =	24.5	1.2	ns		
LSD (0.25) =	12.8	0.6	ns		
C.V. =	21.7			New test site, no yield history	

Luke Brendemuhl
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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$2.69; non-GMO = \$2.69

Test Comments: *The plot was planted before the surrounding field. Conventional herbicides were applied later, corresponding to the surrounding field planting date. This caused the plot area to have less than desirable weed control. These weeds competed with the crop all season, robbing yield from the plot. Data rejected due to weeds. Area yields are higher than what this site depicts.*

† 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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Report Date: 11/09/2017 Revised:

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HARVESTED - STAND: Nov 8 31,800 /A

Full-Season Test
88 - 91 Day CRM
B2017RRCE03b

Top 30 of 36
For Gross Income (Sorted by Yield)
Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NSA	3890	V7ZP-B	88	127.3	20.1	0	32.1	288	1
Coronado	05-8001	88Z	91	116.3	21.9	0	31.4	283	2
Worland	429N12P488	V7ZP-B	91	115.7	19.9	0	31.4	287	3
Palmer Brand	PE 8210 GC	None	92	114.7	22.9	0	32.1	286	5
Taylor	742P488 GC	V7ZP-B	91	113.9	21.3	0	31.4	286	6
Taylor	72148 GC	V7ZP	88	113.9	19.4	0	32.9	289	4
De Dett Seeds	DL 1389 GC	None	89	113.4		0	31.4	276	8
Worland	228N12P488	V7ZP-B	89	109.2		0	32.1	276	7
De Dett Seeds	DL 3149 GC	None	92	109.4		0	31.9	287	11
Proseed	100N12P488	V7ZP-B	89	109.3	19.1		31.7	276	9
Anderson	7422	None	91	109.4	21.1		31.4	287	12
Latham	LV4307V12P488	V7ZP-B	91	102.2			32.9	286	13
Seedwell	8812	None	91	102.2	21.1	0	32.9	284	16
Latham	LV4147V12P488	V7ZP-B	91	101.1	21.1	0	30.7	287	14
Holly	8812V12P	V7ZP	89	101.1	21.1	0	32.1	283	18
Palmer Brand	4037C048 GC	None	91	100.9	23.2	0	32.1	247	19
Latham	LV4307V12P488	V7ZP-B	91	100.1	21.9	0	32.1	247	19
Miller hybrids	8031 GC	None	91	97.4	19.5	0	30.7	283	17
NS Brand	NS8221 3110	3110-A	88	97.3	21.2	0	31.4	247	20
Rain	884221	88Z	88	97.1	21.2	0	32.1	246	22
Coronado	05-8001	871	88	96.9	22.4	0	32.1	243	23
Thunder	478V12P	None	89	96.4	20.9	0	32.1	247	21
Thunder	478 88Z	None	91	93.2	21.9	0	31.4	236	26
De Dett Seeds	DL 1443 GC	None	89	92.1	19.2	0	32.1	238	24
Worland	228N12P	V7ZP-B	88	92.0	19.9	0	32.9	236	25
Holly	8812V12P	V7ZP-B	91	91.3	21.7	0	30.7	236	28
Latham	LV3837V12P	V7ZP	89	91.2	22.9	0	32.1	238	30
NS Brand	NS8221 3010	3010	88	91.0	21.9	0	32.1	231	27
Fullerfield Gen	87-8811	88Z	91	90.7	21.9	0	32.1	229	29
Proseed	7412N12P488	V7ZP-B	88	90.1	21.9	0	31.4	217	31
Proseed	7422 GC	V7ZP-B	91	90.4	17.7	0	32.1	276	10

DATA REJECTED

Averages = **98.8** **20.9** **0** **31.8** **251**
LSD (0.10) = ns 1.7 ns
LSD (0.25) = ns 0.9 ns
C.V. = 28.6

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Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Channel	182-62VT2PRIB GC	VT2P,B	AC,P2	82	Thunder	4383VT2PRIB	VT2P,B	AC,P2	83
Channel	183-22R GC	RR2	AC,P2	83	Thunder	4585RR	RR2	AC,P2	85
Channel	186-31VT2PRIB GC	VT2P,B	AC,P2	86	Thunder	6785VT2PRIB	VT2P,B	AC,P2	85
Dairyland	DS-7185	3220	AVC,C2,Vi,In	85					
Dairyland	DS-9686	3000GT	AVC,C2,Vi	86					
De Dell Seeds	DL 1111 GC	None	MQ	83					
De Dell Seeds	DL 2016 GC	None	MQ	85					
Dyna-Gro	D25VC66	VT2P	AC,P5V	85					
Dyna-Gro	D26QH53	3010	AVC,C2,Vi	86					
Enestvedt	E856	None	CM,C2,Vi	85					
Golden Harvest	G84J92-3011A	3011,A	AVC,C2,Vi	84					
Golden Harvest	G85Z56-3110	3110	AVC,C2,Vi	85					
Hefty	H3202VT2PRIB	VT2P,B	AC,P2,In	82					
Hefty	H3302VT2PRIB	VT2P,B	AC,P2,In	83					
Hefty	H3502VT2PRIB	VT2P,B	AC,P2,In	85					
Hefty	H3712VT2PRIB	VT2P,B	AC,P2,In	87					
Latham	LH3487VT2Pro	VT2P	AC,P5V	84					
Latham	LH3547VT2ProRIB	VT2P,B	AC,P2	85					
Latham	LH3695VT2Pro	VT2P	AC,P5V	86					
Latham	LH3755VT2Pro	VT2P	AC,P5V	87					
Miller Hybrids	M87-35	None	CM,C2	87					
Mustang	2282VT2PRIB	VT2P,B	AC,P2	82					
Mustang	3285VT2PRIB	VT2P,B	AC,P2	85					
Mustang	3287VT2PRIB	VT2P,B	AC,P2	87					
NK Brand	NK8455-3220A-EZR	3220,A,B	AVC,C2,Vi	84					
NuTech	5N-183	3000GT	MQ,P5V,R	83					
NuTech	5N-886	3000GT	MQ,P5V,R	86					
NuTech	X5GN-8484	3110,A	MQ,P5V,R	84					
NuTech/G2 Gen	X5FN-8504^	OI	MQ,P1V,R	85					
Peterson Seed	74Z87 CK	VT2P,B	AC,P2	87					
Prairie Brand	3218VX	HXT,RR2	CM,C5,Vi,In	82					
Prairie Brand	3578RA	3220,B	AVC,C5,Vi	85					
Prairie Brand	3717CONV GC	None	CM,C2,Vi	87					
Prairie Brand	821CONV GC	None	CM,C2,Vi	83					
Proseed	1382VT2PRIB	VT2P,B	AC,P2	82					
Proseed	1383GT	GT	CM,C2	83					
Proseed	GX87-3000GT	3000GT	CM,C2	87					
Proseed	PX787VT2PRIB	VT2P,B	AC,P2	87					
REA	2B840-RIB	VT2P,B	AC,P5V	84					
REA	2B861	VT2P,B	AC,P5V	86					
REA	2C872	None	AC,P5V	87					
Renk	RK264VT2P	VT2P,B	AC,P2	85					
Renk	RK270RR	RR2	AC,P2	85					
Renk	RK287VT2P	VT2P,B	AC,P2	87					
Taylor	EXP 87 GC	VT2P	AC,P5V	87					

2017 Corn Grain - Red River Valley Central [RRCE]



Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Anderson	7422	None	MQ	92					
Dairyland	DS-6091	RR2	CM,C2	91					
Dairyland	DS-9090SSX	STX	CM,C5,Vi,In	90					
De Dell Seeds	DL 1389 GC	None	MQ	89					
De Dell Seeds	DL 1445 GC	None	MQ	89					
De Dell Seeds	DL 3146 GC	None	MQ	92					
Enestvedt	E612	None	CM,C2,Vi	92					
Hefty	H3902VT2PRIB	VT2P,B	AC,P2,In	89					
Hefty	H4012VT2P	VT2P	AC,P2,In	90					
Hefty	H4102VT2PRIB	VT2P,B	AC,P2,In	91					
Latham	LH3877VT2ProRIB	VT2P,B	AC,P2	88					
Latham	LH3937VT2Pro	VT2P	AC,P5V	89					
Latham	LH4097VT2ProRIB	VT2P,B	AC,P2	90					
Latham	LH4147VT2ProRIB	VT2P,B	AC,P2	91					
Miller Hybrids	RX91-03	None	CM,C2	91					
Mustang	2289VT2PRIB	VT2P,B	AC,P2	89					
Mustang	2290VT2PRIB	VT2P,B	AC,P2	90					
Mustang	4291VT2PRIB	VT2P,B	AC,P2	91					
NK Brand	NK8920-3010	3010	AVC,C2,Vi	89					
NK Brand	NK9227-3110A	3110,A	AVC,C2,Vi	92					
NuTech/G2 Gen	5F-091^	AM,B	MQ,P5V,R	91					
Partners Brand	PB 6003 GC	None	CM,C2	90					
Partners Brand	PB 6255 GC	None	AL2500	92					
Peterson Seed	74Z87 CK	VT2P,B	AC,P2	87					
Prairie Brand	4037CONV GC	None	CM,C2,Vi	91					
Proseed	1591VT2PRIB	VT2P,B	AC,P2	91					
Proseed	1689VT2PRIB	VT2P,B	AC,P2	89					
Proseed	PX790VT2PRIB	VT2P,B	AC,P2	90					
REA	3B902	VT2P,B	AC,P5V	90					
REA	3B910	VT2P,B	AC,P5V	91					
Renk	RK408RR	RR2	AC,P2	90					
Taylor	T8189 GC	VT2P	AC,P2	89					
Taylor	T8291RIB GC	VT2P,B	AC,P2	91					
Thunder	4791RR	RR2	AC,P2	91					
Thunder	6789VT2PRIB	VT2P,B	AC,P2	89					
Thunder	6791VT2PRIB	VT2P,B	AC,P2	91					

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

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