

2017 Corn Grain Top 30 Harvest Report
 North Dakota Southeast [NDSE] JAMESTOWN
 Marvin Frey, Stutsman County, ND 58401



PREV. CROP/HERB: Soybean / Roundup PowerMax, Authority Assist, Aim
 SOIL DESCRIPTION: Barnes-Svea loam, well drained, non-irrigated
 SOIL CONDITION: Conventional w/ fall till, medium P, high K, 5.1 pH, 2.6% OM, 20.8 CEC
 PEST MANAGEMENT: glyphosate, Capreno
 FERTILITY - Applied N: 43 Spring
 Applied N-P-K (units): 43-17-5
 SEEDING - RATE - ROW: May 3 34,000 /A 30" spacing
 HARVESTED - STAND: Nov 13 32,000 /A

Early-Season Test
85 - 90 Day CRM
 B2017NDSE04a

Top 30 of 36
 For Gross Income (Sorted by Yield)
 Average of (4) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hefty	H3712VT2PRIB	VT2P,B	87	200.2	15.9	0	32.8	534	1
Taylor	EXP 87 GC	VT2P	87	198.4	16.7	0	33.1	525	2
Thunder	6789VT2PRIB	VT2P,B	89	198.4	17.6	0	32.8	521	3
Renk	RK408RR	RR2	90	197.9	17.8	0	31.0	518	5
REA	2B861	VT2P,B	86	195.6	16.2	0	31.4	520	4
Latham	LH3937VT2Pro	VT2P	89	194.1	19.4	0	31.7	501	11
Mustang	3287VT2PRIB	VT2P,B	87	192.7	16.7	0	31.7	510	6
Hefty	H3902VT2PRIB	VT2P,B	89	191.9	16.6	0	32.4	509	7
Mustang	2289VT2PRIB	VT2P,B	89	191.7	17.0	0	31.7	506	10
Latham	LH3695VT2Pro	VT2P	86	191.5	16.3	1	31.4	509	8
Proseed	PX787VT2PRIB	VT2P,B	87	190.9	16.4	0	31.4	507	9
Legacy Seeds	L-3017VT2PRO	VT2P	90	190.1	19.4	0	31.4	490	16
Proseed	PX790VT2PRIB	VT2P,B	90	189.6	18.9	0	31.4	492	15
Prairie Brand	3578RA	3220,B	85	188.7	16.5	0	31.7	501	12
REA	3B902	VT2P,B	90	188.3	17.7	0	33.1	494	14
Golden Harvest	G89A09-3010	3010	89	184.2	17.6	0	32.1	484	17
Thunder	6888VT2PRIB	VT2P	88	182.9	16.8	0	31.4	484	18
Hefty	H4012VT2P	VT2P	90	182.2	19.1	0	31.7	471	24
Mustang	2290VT2PRIB	VT2P,B	90	181.8	17.4	0	32.4	478	19
Taylor	T8189 GC	VT2P	89	179.8	16.7	0	31.7	476	21
Dairyland	DS-9686	3000GT	86	179.6	17.5	0	31.7	472	23
Latham	LH3877VT2ProRIB	VT2P,B	88	179.1	16.1	0	32.1	477	20
Latham	LH4097VT2ProRIB	VT2P,B	90	177.1	17.5	0	32.4	465	25
Proseed	GX87-3000GT	3000GT	87	177.1	17.9	0	32.8	464	26
Hefty	H3502VT2PRIB	VT2P,B	85	176.8	15.3	0	31.7	474	22
Dyna-Gro	D27VC47	VT2P	87	176.3	17.8	0	32.1	462	28
Proseed	1689VT2PRIB	VT2P,B	89	174.1	16.1	0	31.0	464	27
Thunder	6785VT2PRIB	VT2P,B	85	170.8	16.5	0	32.1	453	29
Thunder	4585RR	RR2	85	169.1	16.5	0	33.5	449	30
Prairie Brand	3218VX	HXT,RR2	82	163.9	16.3	2	31.0	436	31
Channel	189-03VT2PRIB CK	VT2P,B	89	189.7	17.7	0	31.7	497	13

Averages = **182.0** **17.2** **0** **32.0** **480**

LSD (0.10) = 13.8 0.3 1

LSD (0.25) = 7.3 0.2 1

C.V. = 8.3 Prev. years average yield, 230.0 bu/a, 1 yr

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

Test Comments: For much of this area, the growing season being significantly drier than average. This site was an estimated 40% drier than the ten year average. From planting through August, rainfall was only 3.67". Area yields are higher than expected, with grain being drier than expected too. Stalk lodging was an issue for some hybrids and impacted yield due to ears not feeding into the combine.

† 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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 Applied N-P-K (units): 43-17-5
 SEEDING - RATE - ROW: May 3 34,000 /A 30" spacing
 HARVESTED - STAND: Nov 13 32,200 /A

Full-Season Test
91 - 94 Day CRM
 B2017NDSE04b

Top 30 of 36
 For Gross Income (Sorted by Yield)
 Average of (4) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK433RR	RR2	92	200.3	19.2	0	31.4	518	1
Thunder	6794VT2PRIB	VT2P,B	94	197.5	19.2	0	32.8	511	3
Taylor	T8291RIB GC	VT2P,B	91	197.4	17.9	0	31.7	517	2
Dyna-Gro	D34VC54	VT2P	94	196.1	19.9	0	32.4	503	4
Latham	LH4437VT2ProRIB	VT2P,B	94	195.8	20.4	0	32.8	500	6
Taylor	EXP 94 GC	VT2P	94	195.1	19.7	0	32.8	502	5
Dahlman	R47-24VT2PRIB GC	VT2P,B	94	192.7	19.7	0	31.4	496	9
Legacy Seeds	L-3416VT2PRORIB	VT2P,B	94	192.5	19.2	0	32.1	498	7
Mustang	3294VT2PRIB	VT2P,B	94	189.6	19.8	0	31.7	487	11
Proseed	PX694VT2PRIB	VT2P,B	94	189.1	20.6	0	33.1	482	15
Latham	LH4147VT2ProRIB	VT2P,B	91	188.1	18.9	0	33.1	488	10
Renk	RK566SSTX	STX,B	94	186.8	19.1	0	32.1	483	13
Hefty	H4102VT2PRIB	VT2P,B	91	184.6	18.0	9	31.7	483	14
Legacy Seeds	L-3115VT2PRORIB	VT2P,B	92	184.6	18.9	0	31.0	479	16
Mustang	3292VT2PRIB	VT2P,B	92	183.8	19.4	0	31.7	474	18
Thunder	7993VT2PRIB	VT2P,B	93	183.8	19.6	0	32.8	473	19
Mustang	4291VT2PRIB	VT2P,B	91	183.7	18.2	0	32.4	479	17
REA	3B910	VT2P,B	91	182.5	16.4	0	31.7	485	12
REA	4B931-RIB	VT2P,B	93	181.9	19.3	0	32.1	470	20
REA	3A922-RIB	STX,B	92	179.6	19.7	0	31.0	462	23
Legacy Seeds	LX-3047VT2PRO	VT2P	91	178.1	17.7	0	32.1	467	21
Golden Harvest	G90Y04-3110A	3110,A	92	176.9	17.9	0	31.7	463	22
Latham	LH4242VT2ProRIB	VT2P,B	92	176.2	20.0	0	32.1	452	25
Renk	RK522SSTX	STX,B	94	175.0	20.5	0	33.5	447	28
Proseed	1591VT2PRIB	VT2P,B	91	174.9	18.4	0	32.1	456	24
Dairyland	DS-7294	3110	94	173.5	18.5	0	31.4	452	26
Thunder	6791VT2PRIB	VT2P,B	91	172.3	18.5	2	32.8	448	27
Golden Harvest	G94U87-3110A	3110,A	94	169.6	18.3	9	33.5	442	29
Thunder	7793SSRIB	STX,B	93	169.3	19.6	0	32.1	436	31
Dyna-Gro	D33QZ23	3110,A	93	168.6	18.0	0	32.1	441	30
Channel	189-03VT2PRIB CK	VT2P,B	89	187.7	16.4	0	32.8	498	8
Averages =				179.0	19.0	2	32.2	464	
LSD (0.10) =				10.0	0.8	5			
LSD (0.25) =				5.3	0.4	3			
C.V. =				6.1					
Luke Brendemuhl				Prev. years average yield, 230.0 bu/a, 1 yr					
luke.brendemuhl@firstseedtests.com, (218) 790-4497									

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

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Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Channel	189-03VT2PRIB CK	VT2P,B	AC,P2	89					
Dairyland	DS-9090SSX	STX	CM,C5,Vi,In	90					
Dairyland	DS-9686	3000GT	AVC,C2,Vi	86					
Dyna-Gro	D27VC47	VT2P	AC,P5V	87					
Golden Harvest	G89A09-3010	3010	AVC,C2,Vi	89					
Hefty	H3502VT2PRIB	VT2P,B	AC,P2,In	85					
Hefty	H3712VT2PRIB	VT2P,B	AC,P2,In	87					
Hefty	H3902VT2PRIB	VT2P,B	AC,P2,In	89					
Hefty	H4012VT2P	VT2P	AC,P2,In	90					
Latham	LH3695VT2Pro	VT2P	AC,P5V	86					
Latham	LH3877VT2ProRIB	VT2P,B	AC,P2	88					
Latham	LH3937VT2Pro	VT2P	AC,P5V	89					
Latham	LH4097VT2ProRIB	VT2P,B	AC,P2	90					
Legacy Seeds	L-3017VT2PRO	VT2P	AC,P2	90					
Mustang	2289VT2PRIB	VT2P,B	AC,P2	89					
Mustang	2290VT2PRIB	VT2P,B	AC,P2	90					
Mustang	3287VT2PRIB	VT2P,B	AC,P2	87					
NK Brand	NK8519-3110	3110	AVC,C2,Vi	85					
NK Brand	NK8618-3011A	3011,A	AVC,C2,Vi	86					
NuTech/G2 Gen	X5FN-8504^	OI	MQ,P1V,R	85					
Prairie Brand	3218VX	HXT,RR2	CM,C5,Vi,In	82					
Prairie Brand	3578RA	3220,B	AVC,C5,Vi	85					
Prairie Brand	3597SXRA GC	STX,B	CM,C5,Vi,In	86					
Proseed	1689VT2PRIB	VT2P,B	AC,P2	89					
Proseed	GX87-3000GT	3000GT	CM,C2	87					
Proseed	PX787VT2PRIB	VT2P,B	AC,P2	87					
Proseed	PX790VT2PRIB	VT2P,B	AC,P2	90					
REA	2B861	VT2P,B	AC,P5V	86					
REA	3B902	VT2P,B	AC,P5V	90					
Renk	RK408RR	RR2	AC,P2	90					
Taylor	EXP 87 GC	VT2P	AC,P5V	87					
Taylor	T8189 GC	VT2P	AC,P2	89					
Thunder	4585RR	RR2	AC,P2	85					
Thunder	6785VT2PRIB	VT2P,B	AC,P2	85					
Thunder	6789VT2PRIB	VT2P,B	AC,P2	89					
Thunder	6888VT2PRIB	VT2P	AC,P2	88					

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Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Channel	189-03VT2PRIB CK	VT2P,B	AC,P2	89					
Dahlman	R47-24VT2PRIB GC	VT2P,B	AC,P2	94					
Dairyland	DS-6091	RR2	CM,C2	91					
Dairyland	DS-7294	3110	CM,C5,Vi,In	94					
Dyna-Gro	D33QZ23	3110,A	AVC,C2,Vi	93					
Dyna-Gro	D34VC54	VT2P	AC,P5V	94					
Golden Harvest	G90Y04-3110A	3110,A	AVC,C2,Vi	92					
Golden Harvest	G94U87-3110A	3110,A	AVC,C2,Vi	94					
Hefty	H4102VT2PRIB	VT2P,B	AC,P2,In	91					
Latham	LH4147VT2ProRIB	VT2P,B	AC,P2	91					
Latham	LH4242VT2ProRIB	VT2P,B	AC,P2	92					
Latham	LH4437VT2ProRIB	VT2P,B	AC,P2	94					
Latham	LH4454VT2ProRIB	VT2P,B	AC,P2	94					
Legacy Seeds	L-3115VT2PRORIB	VT2P,B	AC,P2	92					
Legacy Seeds	L-3416VT2PRORIB	VT2P,B	AC,P2	94					
Legacy Seeds	LX-3047VT2PRO	VT2P	AC,P2	91					
Mustang	3292VT2PRIB	VT2P,B	AC,P2	92					
Mustang	3294VT2PRIB	VT2P,B	AC,P2	94					
Mustang	4291VT2PRIB	VT2P,B	AC,P2	91					
NuTech/G2 Gen	5F-091^	AM,B	MQ,P5V,R	91					
Prairie Brand	4396GT GC	GT	CM,C5,Vi,In	94					
Prairie Brand	4487AS3110 GC	3110	CM,C5,Vi,In	94					
Proseed	1591VT2PRIB	VT2P,B	AC,P2	91					
Proseed	PX694VT2PRIB	VT2P,B	AC,P2	94					
REA	3A922-RIB	STX,B	AC,P5V	92					
REA	3B910	VT2P,B	AC,P5V	91					
REA	4B931-RIB	VT2P,B	AC,P5V	93					
Renk	RK433RR	RR2	AC,P2	92					
Renk	RK522SSTX	STX,B	AC,P5V	94					
Renk	RK566SSTX	STX,B	AC,P5V	94					
Taylor	EXP 94 GC	VT2P	AC,P5V	94					
Taylor	T8291RIB GC	VT2P,B	AC,P2	91					
Thunder	6791VT2PRIB	VT2P,B	AC,P2	91					
Thunder	6794VT2PRIB	VT2P,B	AC,P2	94					
Thunder	7793SSRIB	STX,B	AC,P2	93					
Thunder	7993VT2PRIB	VT2P,B	AC,P2	93					

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. VPMa [®] 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 [®] , VPMa [®] 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.