

2017 Corn Grain Top 30 Harvest Report

North Dakota Southeast [NDSE] OAKES
 Tony Gebhardt, Dickey County, ND 58474



PREV. CROP/HERB: Soybean / Authority MTZ, Roundup, Se-Cure EC, Sinister
 SOIL DESCRIPTION: Barnes-Buse loam, well drained, non-irrigated
 SOIL CONDITION: Strip-till, medium P, very high K, 5.7 pH, 2.7% OM, 17.2 CEC
 PEST MANAGEMENT: glyphosate, SureStart
 FERTILITY - Applied N: 10.2 Fall, 96 Planter
 Applied N-P-K (units): 106.2-34-13
 SEEDING - RATE - ROW: May 2 34,000 /A 30" spacing
 HARVESTED - STAND: Oct 24 32,200 /A

Early-Season Test
85 - 90 Day CRM
 B2017NDSE02a

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
Proseed	PL780V12PMS	V12P-B	95	162.8	15.8	1	31.7	431	1
Latham	LH4887V12PMS	V12P-B	95	162.8	15.7	2	32.4	429	2
Holly	H812V12P	V12P	95	154.1	17.9	9	33.5	404	3
Legacy Seeds	L-3217V12PMS	V12P	95	149.9	15.9	2	33.1	399	5
NSA	28951	V12P-B	95	149.3	15.9	16	32.4	399	4
Taylor	EXP 87 GC	V12P	87	143.7	15.9	17	32.4	383	6
Ross	RS4888B	MS	95	141.1		5	32.8	377	7
Woolberg	2295V12PMS	V12P-B	95	135.5		15	31.7	361	8
Holly	H812V12PMS	V12P-B	87	134.1		15	31.4	359	9
Latham	LH4887V12PMS	V12P-B	95	133.8	15.2		31.4	359	12
Not a Seed Gen	NSP4884P	Di	95	133.8	15.5	1	31.7	359	10
Proseed	PL780V12PMS	V12P-B	95	133.3			32.4	359	14
Holly	H812V12PMS	V12P-B	95	132.3	15.1	2	32.8	359	13
Latham	LH4887V12PMS	V12P	95	131.1	17.1	6	31.7	347	17
Thunder	875V12PMS	V12P-B	95	131.1	15.3	9	32.8	351	15
Thunder	888V12PMS	V12P-B	95	131.1	15.9	21	31.7	349	16
Woolberg	325V12PMS	V12P-B	95	131.1	16.2	20	31.7	349	18
Holly	H812V12PMS	V12P-B	95	129.3	15.1	9	30.7	347	19
Primo Brand	3275V12PMS	V12P-B	95	129.1	15.7	2	33.1	342	20
Carrolland	CS-8011	V12P-B	95	127.8	16.3	9	32.4	339	21
Latham	LH4887V12PMS	V12P	95	122.9	16.4	19	32.1	324	23
Taylor	EXP 87 GC	V12P	87	121.9	15.2	2	32.1	326	22
Primo Brand	3275V12PMS	V12P-B	95	119.2	15.9	9	32.4	319	24
Primo Brand	3275V12PMS	V12P-B	95	119.2	16.4	9	32.1	314	25
Thunder	4029B	MS	95	117.1	15.8	16	31.7	313	26
NS Brand	NS4819-3110	3110-A	95	114.9	16.9	13	31.9	304	27
NSA	38902	V12P-B	95	113.9	17.9	9	32.4	299	28
NS Brand	NS4819-3110	3110	95	109.9	12.1	33	31.7	295	29
Delta-Gro	3275V12PMS	V12P	87	109.9	16.4	16	33.1	291	30
Woolberg	2295V12PMS	V12P-B	95	101.9	15.9	12	32.1	289	31
Thunder	1000V12PMS	V12P-B	95	101.9	16.1	9	32.4	287	32

DATA REJECTED

Averages =	125.9	15.8	10	32.2	335
LSD (0.10) =	30.4	2.3	19		
LSD (0.25) =	21.2	1.6	13		
C.V. =	20.5	Prev. years average yield, 179.7 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: *This test site looked amazing early in the season; tall and healthy looking plants. Things soon dried up, with rainfall at this site being an estimated 25% below average. At harvest, most hybrids were short statured and there was significant root lodging among some. Several hybrids had barren plants and were blackened and nearly flat on the ground. Yield results are highly variable, thus rejected.*

† 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: 10/27/2017 Revised:

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 FERTILITY - Applied N: 10.2 Fall, 96 Planter
 Applied N-P-K (units): 106.2-34-13
 SEEDING - RATE - ROW: May 2 34,000 /A 30" spacing
 HARVESTED - STAND: Oct 24 32,000 /A

Full-Season Test

91 - 94 Day CRM
 B2017NDSE02b

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
Legacy Seeds	L 3445V12P#408	V12P-B	94	188.7	18.0	5	31.4	407	1
Wuxiang	328V12P#40	V12P-B	92	188.4	18.0	5	32.1	406	2
Rans	8643388	88Q	92	188.4	18.0	7	31.7	406	3
Taylor	81P 94 GC	V12P	94	188.0	18.0	2	31.7	404	5
Wuxiang	429V12P#40	V12P-B	91	188.1	18.1	5	31.7	405	4
Latham	LN424V12P#408	V12P-B	92	188.7	18.1	3	31.7	403	6
Proseed	P1336V12P#40	V12P-B	94	185.7	18.0	6	31.7	401	8
Latham	LN443V12P#408	V12P-B	94	185.6	18.0	11	32.4	400	7
Legacy Seeds	L 3115V12P#388	V12P-B	92	184.4	18.0	10	31.1	401	9
Latham	LN414V12P#408	V12P-B	91	181.3	18.1	7	31.7	391	11
Stone-Isle	034V12P	V12P	92	181.1	18.0	7	31.7	390	12
Thunder	879V12P#40	V12P-B	92	180.8	18.0	5	31.7	389	10
NSA	34322-488	87L-B	92	180.0	18.0	3	32.4	388	13
Wuxiang	328V12P#40	V12P-B	94	180.0	18.0	4	31.4	378	14
Latham	LN448V12P#408	V12P-B	94	180.0	18.0	8	32.4	378	15
Rans	86322887L	88Q	94	180.0	18.0	1	31.4	375	16
Calman	847 24V12P#40 GC	V12P-B	92	180.0	18.0	8	32.8	375	17
Taylor	782P#40 GC	V12P-B	92	180.0	18.1	9	32.8	375	18
Coronado	05-8891	88Q	92	182.8	18.0	8	32.4	372	19
Thunder	879V12P	V12P-B	94	182.8	18.0	17	31.4	372	19
Thunder	793V12P	V12P-B	92	182.1	18.0	10	32.4	369	22
Thunder	779 328V12P	V12P-B	92	182.0	18.0	7	32.1	370	21
NSA	48911-488	87L-B	92	181.8	18.0	1	32.4	368	23
NSA	84102V12P#40	V12P-B	91	180.2	18.0	1	32.1	368	25
Legacy Seeds	LI 304V12P	V12P	91	179.8	18.0	2	32.1	363	24
Prime Brand	438V12P	87	94	179.8	18.0	10	31.7	363	26
Half-Moon 2 Gen	8P-88V12P	88B-B	91	179.8	18.0	8	31.4	363	27
Rans	86388887L	87L-B	94	179.8	18.0	8	32.8	358	28
NSA	389V12P	V12P-B	91	174.0	18.1	4	32.1	328	30
Proseed	108V12P#40	V12P-B	91	173.0	18.0	20	32.1	307	31
Proseed	108V12P#40	V12P-B	94	171.7	18.1	19	31.7	300	32

DATA REJECTED

Averages =	137.0	18.5	11	32.0	356
LSD (0.10) =	28.7	2.7	20		
LSD (0.25) =	20.0	1.9	14		
C.V. =	17.9	Prev. years average yield, 179.7 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

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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. 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.