

2016 Corn Grain Top 30 Harvest Report

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



PREV. CROP/HERB: Soybean / Valor, Roundup
SOIL DESCRIPTION: Barnes-Buse loam, well drained, non-irrigated
SOIL CONDITION: Minimum w/o fall, low P, mod. low K, 7.9 pH, 2.4% OM
PEST MANAGEMENT: Armezon Pro, atrazine, WideMatch
FERTILITY - Applied N: 101 Planter
Applied N-P-K (units): 101-11-2
SEEDED - RATE - ROW: May 4 33,000 /A 30" spacing
HARVESTED - STAND: Nov 9 27,800 /A

Early-Season Test

85 - 90 Day CRM
B2016NDSE04a

Top 30 of 36

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
NuTech	5N-886	3000GT	86	209.8	13.6	1	28.0	617	1
NuTech	X5B-8801	3010	88	204.6	13.8	1	28.5	602	2
AgVenture	AV2985ABW	3011,A	86	197.1	13.7	1	26.9	579	3
Prairie Brand	3717GT3	3000GT	87	196.9	13.8	1	27.4	579	4
Thunder	Exp 89	VT2P	89	192.7	13.3	1	29.1	567	5
Latham	LH3877VT2Pro	VT2P	88	192.5	13.6	1	28.5	566	6
Latham	LH3614-3011A	3011,A	86	191.8	13.5	1	27.4	564	7
Renk	RK299VT2P	VT2P,B	89	190.5	13.4	1	26.9	560	8
Croplan	2845VT2P/RIB GC	VT2P,B	89	188.3	13.4	2	29.1	554	10
Proseed	1384VT2PRIB	VT2P,B	84	187.7	13.1	3	26.9	552	11
Latham	LH4097VT2ProRIB	VT2P,B	90	186.7	13.1	1	27.4	549	12
NuTech/G2 Gen	5F-488^	AM,B	88	186.4	12.9	1	28.5	548	13
Dairyland	DS-9787SSX	STX	87	184.6	13.2	1	27.4	543	14
Dyna-Gro	D27VC47	VT2P	87	183.4	12.9	1	29.1	539	15
Wensman	W 8110VT2RIB GC	VT2P,B	91	183.4	13.6	1	26.9	539	16
Partners Brand	PB 5203-3000GT GC	3000GT	82	181.7	13.4	1	26.9	534	17
Prairie Brand	3597SX	STX	85	181.3	12.9	1	27.4	533	18
REA	2A871-RIB	STX,B	87	181.2	13.5	1	26.3	533	19
REA	3B330-RIB	VT2P,B	90	179.5	12.7	2	29.1	528	20
Mustang	3285GENVT2P	VT2P	85	178.4	12.9	1	26.9	524	21
Thunder	4585RR	RR2	85	178.4	13.0	2	28.0	524	22
Renk	6-298VT2P	VT2P	89	175.1	13.1	1	28.5	515	23
AgVenture	RL3645AM^	AM,B	89	174.8	13.0	1	28.0	514	24
Prairie Brand	851RA	STX,B	87	174.5	13.1	1	26.9	513	25
Mustang	2289GENVT2P	VT2P	89	174.1	13.0	2	29.1	512	26
Thunder	6385VT2PRIB	VT2P,B	85	173.6	13.1	1	28.5	510	27
REA	2B860-RIB	VT2P,B	86	173.5	12.6	1	26.9	510	28
Dekalb	DKC38-03RIB GC	VT2P,B	88	172.9	13.0	1	28.0	508	29
Thunder	7188VT2PRIB	VT2P,B	88	166.8	13.4	1	27.4	490	30
Pioneer	P8639AM GC	AM,B	86	166.8	13.1	5	28.0	490	31
Dekalb	DKC39-28RIB CK	VT2P,B	89	189.7	12.9	1	28.0	558	9

Kevin Coey

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Averages = **180.6** **13.2** **1** **27.8** **531**

LSD (0.10) = 17.5 0.6 2

LSD (0.25) = 12.2 0.4 1

C.V. = 7.1 New test site, no yield history

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.2 Drying = \$0.025 Prices: GMO = \$2.94; non-GMO = \$2.94

Test Comments: *The plot was located on an excellent field, and had a gradual slope that helped these tests have optimal drainage. Stalk lodging was noticed for some hybrids in the early test, as well as the late test, but overall, few plants were experiencing this. There were no noticeable diseases. Ears were filled with kernels to the tip throughout the whole site.*

† 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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 FERTILITY - Applied N: 101 Planter
 Applied N-P-K (units): 101-11-2
 SEEDING - RATE - ROW: May 4 33,000 /A 30" spacing
 HARVESTED - STAND: Nov 9 27,900 /A

Full-Season Test

91 - 94 Day CRM
 B2016NDSE04b

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
NuTech	5B-293	3010	93	218.6	14.1	1	28.4	643	1
Mustang	3294GENVT2P	VT2P	94	217.2	14.3	1	28.8	639	2
Dekalb	DKC44-15RIB GC	VT2P,B	94	211.2	14.4	1	27.2	621	3
Prairie Brand	4487AS3110	3110	94	210.6	13.8	1	27.6	619	4
Latham	LH4437VT2Pro	VT2P	94	206.6	13.9	1	28.8	607	5
Thunder	7993VT2PRIB	VT2P,B	93	205.0	13.7	1	27.2	603	6
Prairie Brand	4284RA	STX,B	93	204.9	13.8	1	27.6	602	7
Renk	RK408VT2P	VT2P	91	201.1	13.3	1	27.2	591	8
Proseed	PX591VT2P	VT2P	91	201.0	13.9	1	28.8	591	9
Mustang	4291GENVT2PRIB	VT2P,B	91	200.6	13.5	1	27.6	590	10
Latham	LH4454VT2ProRIB	VT2P,B	94	200.1	13.9	1	28.0	588	11
Dyna-Gro	D32VC56	VT2P	92	199.0	13.5	1	28.4	585	12
Latham	LH4147VT2ProRIB	VT2P,B	91	198.2	13.3	1	28.8	583	13
Thunder	Exp 91	VT2P	91	198.0	13.4	1	28.4	582	14
Dairyland	DS-7294	3110	94	197.7	13.4	1	28.4	581	15
Latham	LH4242VT2ProRIB	VT2P,B	92	197.7	13.1	2	27.6	581	16
Renk	RK568VT3P GC	VT3P	95	197.6	13.9	1	27.6	581	17
Proseed	1492SSRIB	STX,B	92	197.4	13.9	1	28.0	580	18
Pioneer	P9526AM GC	AM,AQ,B	95	196.7	13.7	1	28.4	578	19
AgVenture	AV4491YHBW^	OIX,B	91	196.3	14.1	1	28.0	577	20
Renk	RK433VT2P	VT2P	92	195.9	13.7	2	28.0	576	21
NuTech/G2 Gen	5F-091^	AM,B	91	195.8	13.7	1	27.6	576	22
REA	4B931-RIB	VT2P,B	93	195.7	13.8	1	28.4	575	23
Partners Brand	PB 6003-3000GT GC	3000GT	90	194.9	12.6	4	28.8	573	24
Proseed	1392VT2PRIB	VT2P,B	92	193.0	13.3	1	27.6	567	25
Mustang	3894GENSSRIB	STX,B	94	193.0	13.8	1	27.2	567	26
King Seed	4640-3110A	3110,A	94	191.9	13.7	1	27.6	564	27
Renk	RK522SSTX	STX,B	94	191.0	14.0	1	27.2	562	28
Renk	RK566SSTX	STX	94	190.9	13.9	1	28.4	561	29
Dyna-Gro	D32VC41	VT2P	92	188.5	13.1	1	27.2	554	30
Dekalb	DKC39-28RIB CK	VT2P,B	89	185.3	13.7	1	26.3	545	34

Kevin Coey

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Averages = **196.8** **13.7** **1** **27.9** **579**

LSD (0.10) = 15.3 0.6 1

LSD (0.25) = 10.7 0.4 1

C.V. = 6.6

New test site, no yield history

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.2 Drying = \$0.025 Prices: GMO = \$2.94; non-GMO = \$2.94

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2016 Corn Grain - North Dakota Southeast [NDSE]



Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgVenture	AV2985ABW	3011,A	AVC,C2,Vi	86					
AgVenture	RL3645AM^	AM,B	MQ,P5V,R	89					
Croplan	2845VT2P/RIB GC	VT2P,B	AC,P2	89					
Dairyland	DS-9686	3000GT	AVC,C5	86					
Dairyland	DS-9787SSX	STX	CM,C5,Vi,In	87					
Dekalb	DKC38-03RIB GC	VT2P,B	AC,P2	88					
Dekalb	DKC39-28RIB CK	VT2P,B	AC,P2	89					
Dyna-Gro	D27VC47	VT2P	AC,P5V	87					
Latham	LH3547VT2Pro	VT2P	AC,P2	85					
Latham	LH3614-3011A	3011,A	CM,C2,Vi	86					
Latham	LH3877VT2Pro	VT2P	AC,P5V	88					
Latham	LH4097VT2ProRIB	VT2P,B	AC,P2	90					
Mustang	2289GENVT2P	VT2P	AC,P2	89					
Mustang	3285GENVT2P	VT2P	AC,P2	85					
NuTech	5N-886	3000GT	AVC,C2,Vi	86					
NuTech	X5B-8801	3010	CE,C2	88					
NuTech/G2 Gen	5F-488^	AM,B	MQ,P5V	88					
Partners Brand	PB 5203-3000GT GC	3000GT	CM,C5	82					
Pioneer	P8639AM GC	AM,B	MQ,C2,R	86					
Pioneer	P8673AM GC	AM,B	MQ,C2,R	86					
Prairie Brand	3597SX	STX	AC,P5V	85					
Prairie Brand	3717GT3	3000GT	AVC,C2,Vi	87					
Prairie Brand	851RA	STX,B	CM,C5,Vi,In	87					
Proseed	1384VT2PRIB	VT2P,B	AC,P2	84					
Proseed	1385VT2PRIB	VT2P,B	AC,P2	85					
REA	2A871-RIB	STX,B	AC,P5V	87					
REA	2B860-RIB	VT2P,B	AC,P5V	86					
REA	3B330-RIB	VT2P,B	AC,P5V	90					
Renk	6-298VT2P	VT2P	AC,P2	89					
Renk	RK267VT2P	VT2P,B	AC,P2	86					
Renk	RK299VT2P	VT2P,B	AC,P2	89					
Thunder	4585RR	RR2	AC,P2	85					
Thunder	6385VT2PRIB	VT2P,B	AC,P2	85					
Thunder	7188VT2PRIB	VT2P,B	AC,P2	88					
Thunder	Exp 89	VT2P	AC,P2	89					
Wensman	W 8110VT2RIB GC	VT2P,B	AC,P2	91					

2016 Corn Grain - North Dakota Southeast [NDSE]



Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgVenture	AV4291V10	3110,A	AVC,C2,Vi	91					
AgVenture	AV4491YHBW^	OIX,B	MQ,P1V,R	91					
AgVenture	RL4616HBW^	HXT,RR2	MQ,P5V,R	94					
Dairyland	DS-7294	3110	CM,C5,Vi,In	94					
Dekalb	DKC39-28RIB CK	VT2P,B	AC,P2	89					
Dekalb	DKC44-15RIB GC	VT2P,B	AC,P2	94					
Dyna-Gro	D32VC41	VT2P	AC,P5V	92					
Dyna-Gro	D32VC56	VT2P	AC,P5V	92					
King Seed	4640-3110A	3110,A	AVC,C2,Vi	94					
Latham	LH4147VT2ProRIB	VT2P,B	AC,P2	91					
Latham	LH4242VT2ProRIB	VT2P,B	AC,P2	92					
Latham	LH4437VT2Pro	VT2P	AC,P5V	94					
Latham	LH4454VT2ProRIB	VT2P,B	AC,P2	94					
Mustang	3294GENVT2P	VT2P	AC,P2	94					
Mustang	3894GENSSRIB	STX,B	AC,P5V	94					
Mustang	4291GENVT2PRIB	VT2P,B	AC,P2	91					
Mycogen	2V357a GC	STX,B	CM,C2	93					
NuTech	5B-293	3010	MQ,P5V,R	93					
NuTech/G2 Gen	5F-091^	AM,B	MQ,P5V	91					
Partners Brand	PB 6003-3000GT GC	3000GT	CM,C5	90					
Pioneer	P9188AM GC	AM,B	MQ,C2,R	91					
Pioneer	P9526AM GC	AM,AQ,B	MQ,C2	95					
Prairie Brand	4284RA	STX,B	CM,C5,Vi,In	93					
Prairie Brand	4487AS3110	3110	CM,C5,Vi,In	94					
Proseed	1392VT2PRIB	VT2P,B	AC,P2	92					
Proseed	1492SSRIB	STX,B	AC,P5	92					
Proseed	PX591VT2P	VT2P	AC,P2	91					
REA	3A922-RIB	STX,B	AC,P5V	92					
REA	4B931-RIB	VT2P,B	AC,P5V	93					
Renk	RK408VT2P	VT2P	AC,P2	91					
Renk	RK433VT2P	VT2P	AC,P2	92					
Renk	RK522SSTX	STX,B	AC,P5V	94					
Renk	RK566SSTX	STX	AC,P5V	94					
Renk	RK568VT3P GC	VT3P	AC,P2	95					
Thunder	7993VT2PRIB	VT2P,B	AC,P2	93					
Thunder	Exp 91	VT2P	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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
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)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	LL	LibertyLink®
A	Agrisure® Artesian®	None	conventional corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AQ	Optimum® AQUAMax®	RW	Agrisure® Rootworm
B	Refuge Blend	STX	SmartStax® (VT3P,HXT,RR2,LL)
CB	Agrisure® Corn Borer	VT2P	Genuity® VT Double PRO®
DG	Genuity® DroughtGard®	VT3P	Genuity® VT Triple PRO®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

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

Corn Seed Treatments**

n/a	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Accelaron® fungicide products	Lu	Lumivia™
AChD	Accelaron® fungicide products	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	V	Votivo®
D	Dynasty®	Vi	Vibrance®
Es	Escalate®		

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