

2018 Corn Grain Top 30 Harvest Report

Wisconsin South [WISO] WOODSTOCK
Dan Sass, McHenry County, IL 60098



Test by: F.I.R.S.T. NCB, Inc., Lanark, IL

PREV. CROP/HERB: Soybean / Valor XLT, Roundup PowerMax, Cobra, Select
SOIL DESCRIPTION: Waupecan silt loam, mod. well drained, non-irrigated
SOIL CONDITION: Conventional w/ fall till, very high P, very high K, 6.7 pH, 3.4% OM, 14 CEC
PEST MANAGEMENT: Keystone, Roundup PowerMax, Force
FERTILITY - Applied N: 49 Fall, 130 Spring, 32 Sidedress
Applied N-P-K (units): 211-92-120
SEEDING - RATE - ROW: Apr 27 37,500 /A 30" spacing
HARVESTED - STAND: Nov 3 35,500 /A

Early-Season Test

99 - 104 Day CRM
B2018WISO01a

Top 30 of 54

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
Dekalb	DKC54-74RIB GC	VT2P,B	104	274.0	16.4	2	35.7	1,016	1
Dairyland	DS-9804RA	STX,B	103	267.1	15.5	1	35.7	998	2
Latham	LH5402RR	RR2	104	266.5	16.4	1	37.5	988	3
Wyffels	W2506	VT2P	101	265.0	16.3	2	34.8	983	5
REV	1247AM	AM,AQ,B	100	264.9	15.9	1	35.7	986	4
Burrus	Power Plus 2Y06^	AM,B	104	264.4	16.2	2	36.6	982	6
Hefty	H5024SS	STX	100	263.0	15.6	3	36.6	982	7
REV	1458AM	AM,B	104	261.1	16.6	3	35.7	967	9
Pioneer	P9998AMXT GC	AMXT,AQ,B	99	260.8	16.1	1	35.7	969	8
NuTech/G2 Gen	5F-503	AM,B	103	254.2	16.6	1	36.6	941	11
NorthStar	NS 100-464GENSSRIB	STX,B	100	253.8	15.3	1	36.6	949	10
Dairyland	DS-7603PE	PC,E	103	253.3	16.3	1	34.8	940	12
Hefty	H5302VT2PRIB	VT2P,B	103	253.3	16.6	4	36.6	938	13
Jung	53SS517RIB	STX,B	103	250.2	16.0	1	35.7	931	15
FS InVISION	FS 52RL0 EZR	3120,B	102	250.1	16.3	6	34.8	928	17
Burrus	Power Plus 1G39^	AM,B	101	249.1	16.0	1	35.7	927	18
Wyffels	W3488	STX	104	248.7	14.6	2	36.6	933	14
NK Brand	NK0440-3010	3010	104	248.1	14.9	1	39.3	930	16
NuTech/G2 Gen	5F-504	AM,B	104	248.1	17.0	4	33.1	915	22
Dairyland	RPM-4018AM	AM,AQ,B	101	247.8	15.9	1	34.8	923	19
LG Seeds	LG5505STXRIB	STX,B	101	247.3	16.5	4	34.8	916	21
Mycogen	MY04Y97RA GC	STX,B	104	245.6	15.4	1	36.6	918	20
AgriGold	A629-22STXRIB	STX,B	99	245.2	16.7	6	37.5	907	28
Dyna-Gro	D43SS81	STX	103	244.6	15.5	2	34.8	914	23
Federal	5280VT2PRIB	VT2P,B	102	244.4	16.1	4	37.5	908	25
Hefty	H4922VT2P	VT2P	99	244.4	16.1	6	35.7	908	26
LG Seeds	LG5494VT2RIB	VT2P,B	99	243.0	15.4	1	34.8	908	27
Latham	LH5245VT2ProRIB	VT2P,B	102	242.8	15.2	1	33.1	909	24
Renk	RK604SSTX	STX	102	242.6	15.4	3	36.6	907	29
Cornelius	C385DP	VT2P	103	241.7	15.3	1	34.8	904	30
Pioneer	P0496AMX CK	AMX,AQ,B	104	208.5	16.0	1	35.7	776	54

Jason Beyers

beyers@frontiernet.net, (815) 985-7369

Averages = **243.6** **15.9** **2** **35.5** **906**

LSD (0.10) = 12.7 0.7 4

LSD (0.25) = 6.7 0.4 2

C.V. = 4.9 Prev. years average yield, 200.8 bu/a, 17 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.75; non-GMO = \$3.75

Test Comments: We were actually able to plant this site just before a two week stretch of rain began. Plants emerged well and looked uniform all season long. There were not many times that this location missed a rain. Late season rains limited the opportunity to harvest.

Stalk quality remained good at harvest, but ear tip kernels were starting to mold from persistent moisture. Nice location with excellent yield.

† 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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PEST MANAGEMENT: Keystone, Roundup PowerMax, Force
FERTILITY - Applied N: 49 Fall, 130 Spring, 32 Sidedress
Applied N-P-K (units): 211-92-120
SEEDING - RATE - ROW: Apr 27 37,500 /A 30" spacing
HARVESTED - STAND: Nov 3 35,700 /A

Full-Season Test
105 - 108 Day CRM
B2018WISO01b

Top 30 of 54

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
REV	1748AM	AM,B	107	283.5	16.8	1	36.6	1,048	1
NK Brand	NK0821-3120A-EZR GC	3120,A,B	108	275.7	16.6	1	34.0	1,021	2
Dairyland	DS-7106PE	PC,E	106	272.3	16.8	1	34.8	1,006	4
Renk	RK763VT2P	VT2P,B	108	271.1	15.6	1	35.7	1,012	3
Golden Harvest	G05K08-3010A	3010,A	105	268.8	16.5	1	31.3	996	7
Wyffels	W5626	VT2P	108	268.0	15.9	1	38.4	998	5
Wyffels	W4196RIB	VT2P,B	105	267.9	16.0	1	35.7	997	6
Latham	LH5742RR	RR2	107	265.7	17.1	1	34.8	980	8
Wyffels	W5518	STX	109	264.5	17.2	2	36.6	974	9
FS InVISION	FS 55RL1 EZR	3220,B	105	258.9	15.7	1	34.8	965	11
Golden Harvest	G06Z97-3120-EZR	3120,B	106	258.7	16.6	2	36.6	958	15
Wyffels	W4796RIB	VT2P,B	106	258.6	15.5	1	35.7	966	10
Dairyland	RPM-4816AM	AM,B	108	258.5	16.3	2	36.6	959	13
Golden Harvest	G06Q68-3220-EZR	3220,B	106	257.9	16.2	5	37.5	958	16
Federal	5570VT2PRIB	VT2P,B	105	257.7	15.3	1	34.8	964	12
Latham	LH5725VT2Pro	VT2P	107	257.7	15.9	1	36.6	959	14
NuTech/G2 Gen	5D-906	AMX,B	106	257.5	16.1	2	37.5	957	17
LG Seeds	LG58C77VT2PRO	VT2P	108	254.4	16.8	6	38.4	940	20
AgriGold	A635-54VT2RIB	VT2P,B	105	253.8	16.5	2	38.4	940	21
NK Brand	NK0624-3220-EZR	3220,B	106	253.7	16.0	1	37.5	944	19
LG Seeds	LG5525VT2RIB	VT2P,B	105	253.5	15.6	1	37.5	946	18
Jung	58SS537RIB	STX,B	108	253.3	16.4	1	36.6	939	22
Renk	RK737VT2P	VT2P	106	251.4	16.3	3	37.5	933	25
Dyna-Gro	D47SS29RIB	STX,B	106	251.1	15.6	1	34.8	937	23
Cornelius	C461SS	STX	106	250.7	16.2	2	34.0	931	26
Hefty	H5812VT2PRIB	VT2P,B	108	250.3	16.3	4	36.6	929	27
FS InVISION	FS 57ZX1 RIB	STX,B	107	250.1	15.5	1	36.6	934	24
Cornelius	C573DP	VT2P	108	249.1	15.8	1	36.6	928	28
NK Brand	NK0602-3010 GC	3010	106	248.6	16.0	1	38.4	925	29
Dyna-Gro	D48SS38	STX	108	245.5	16.1	1	34.8	913	30
Pioneer	P0496AMX CK	AMX,AQ,B	104	209.0	16.5	4	34.0	774	53

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Averages = **247.1** **16.4** **2** **35.7** **917**

LSD (0.10) = 15.2 0.7 ns

LSD (0.25) = 8.0 0.4 ns

C.V. = 5.8 Prev. years average yield, 200.8 bu/a, 17 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.75; non-GMO = \$3.75

Test Comments: *We were actually able to plant this site just before a two week stretch of rain began. Plants emerged well and looked uniform all season long. There were not many times that this location missed a rain. Late season rains limited the opportunity to harvest. Stalk quality remained good at harvest, but ear tip kernels were starting to mold from persistent moisture. Nice location with excellent yield.*

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Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A629-22STXRIB	STX,B	AC,P5V	99	Renk	8-593SSTX	STX	AC,P5V	99
AgriGold	A631-38VT2PRO	VT2P	AC,P5V	101	Renk	RK604SSTX	STX	AC,P5V	102
AgriGold	A633-94STX	STX	AC,P5V	103	Renk	RK642SSTX	STX,B	AC,P5V	103
Burrus	Power Plus 1G39^	AM,B	CM,C2,R,Lu	101	REV	1247AM	AM,AQ,B	MQ,P5V,R	100
Burrus	Power Plus 2Y06^	AM,B	CM,C2,R,Lu	104	REV	1458AM	AM,B	MQ,P5V,R	104
Cornelius	C336DP	VT2P	AC,P5V	100	Wyffels	W2196RIB	VT2P,B	AC,P2	99
Cornelius	C385DP	VT2P	CM,C2	103	Wyffels	W2506	VT2P	AC,P2	101
Cornelius	C408DP	VT2P	CM,C2	104	Wyffels	W3076RIB	VT2P,B	AC,P2	102
Dairyland	DS-7101	PC	CM,C5,Vi,In	101	Wyffels	W3488	STX	AC,P5V	104
Dairyland	DS-7603PE	PC,E	CM,C5,Vi,In	103					
Dairyland	DS-9804RA	STX,B	CM,C5,Vi,In	103					
Dairyland	RPM-4018AM	AM,AQ,B	MQ,P5V,R	101					
Dekalb	DKC54-74RIB GC	VT2P,B	AC,P2	104					
Dyna-Gro	D43SS81	STX	AC,P5V	103					
Federal	5280VT2PRIB	VT2P,B	AC,P2	102					
FS InVISION	FS 51QX1 RIB	STX,B	AC,P5V	101					
FS InVISION	FS 52RL0 EZR	3120,B	CM,C2,Vi	102					
FS InVISION	FS 53ZX1 RIB	STX,B	AC,P5V	103					
Golden Harvest	G03C84-3120-EZR	3120,B	AVC,C2,Vi	103					
Hefty	H4922VT2P	VT2P	HC	99					
Hefty	H5024SS	STX	HC	100					
Hefty	H5214SSRIB	STX,B	HC	102					
Hefty	H5302VT2PRIB	VT2P,B	HC	103					
Jung	52SS507RIB	STX,B	AC,P5V	102					
Jung	53SS517RIB	STX,B	AC,P5V	103					
Jung	54SS528	STX,B	AC,P5V	104					
Latham	LH5025VT2ProDGRIB	VT2P,DG,B	AC,P2	100					
Latham	LH5245VT2ProRIB	VT2P,B	AC,P2	102					
Latham	LH5402RR	RR2	AC,P2	104					
Latham	LH5487VT2Pro	VT2P	AC,P5V	104					
LG Seeds	LG5494VT2RIB	VT2P,B	AC,P5V	99					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	102					
LG Seeds	LG5505STXRIB	STX,B	AC,P5V	101					
Mycogen	MY04Y97RA GC	STX,B	CM,C5,Vi,In	104					
NK Brand	NK0330-3120-EZR	3120,B	AVC,C2,Vi	103					
NK Brand	NK0440-3010	3010	AVC,C2,Vi	104					
NorthStar	NS 100-464GENSSRIB	STX,B	AC,P5V	100					
NorthStar	NS 104-167GENSSRIB	STX,B	AC,P5V	104					
NuTech	5N-800	3011,A	MQ,P5V,R	100					
NuTech/G2 Gen	5F-503	AM,B	MQ,P5V,R	103					
NuTech/G2 Gen	5F-504	AM,B	MQ,P5V,R	104					
NuTech/G2 Gen	5F-702	AM,B	MQ,P5V,R	102					
Pioneer	P0157AMXT GC	AMXT,AQ,B	MQ,P1V,R	101					
Pioneer	P0496AMX CK	AMX,AQ,B	MQ,P1V,R	104					
Pioneer	P9998AMXT GC	AMXT,AQ,B	MQ,C5,R	99					

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Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A635-54VT2RIB	VT2P,B	AC,P5V	105	Pioneer	P0707AMXT GC	AMXT,B	MQ,P1V,R	107
AgriGold	A638-74VT2PRO	VT2P	AC,P5V	108	Renk	RK717SSTX	STX,B	AC,P5V	105
AgriGold	A638-94STX	STX	AC,P5V	108	Renk	RK737VT2P	VT2P	AC,P5V	106
Burrus	Power Plus 2B77^	AMXT,B	CM,C2,R,Lu	105	Renk	RK763VT2P	VT2P,B	AC,P2	108
Burrus	Power Plus 3H85^	AMX,B	CM,C2,R,Lu	107	REV	1748AM	AM,B	MQ,C2,R,Lu	107
Cornelius	C461SS	STX	AC,P5V	106	Wyffels	W4196RIB	VT2P,B	AC,P5V	105
Cornelius	C478DP	VT2P	AC,P5V	106	Wyffels	W4796RIB	VT2P,B	AC,P5V	106
Cornelius	C573DP	VT2P	CM,C2	108	Wyffels	W5518	STX	AC,P5V	109
Dairyland	DS-6008	RR2	CM,C5,Vi,In	108	Wyffels	W5626	VT2P	AC,P5V	108
Dairyland	DS-7106PE	PC,E	CM,C5,Vi,In	106					
Dairyland	DS-9508RA	STX,B	CM,C5,Vi,In	108					
Dairyland	RPM-4816AM	AM,B	MQ,P5V,R	108					
Dekalb	DKC58-34RIB GC	STX,B	AC,P5V	108					
Dyna-Gro	D47SS29RIB	STX,B	AC,P5V	106					
Dyna-Gro	D48SS38	STX	AC,P5V	108					
Federal	5570VT2PRIB	VT2P,B	AC,P2	105					
FS InVISION	FS 55RL1 EZR	3220,B	CM,C2,Vi	105					
FS InVISION	FS 55TX1 RIB	STX,B	AC,P5V	105					
FS InVISION	FS 57ZX1 RIB	STX,B	AC,P5V	107					
FS InVISION	FS 58R49	3111	AVC,C5	108					
Golden Harvest	G05K08-3010A	3010,A	AVC,C2,Vi	105					
Golden Harvest	G06Q68-3220-EZR	3220,B	AVC,C2,Vi	106					
Golden Harvest	G06Z97-3120-EZR	3120,B	AVC,C2,Vi	106					
Golden Harvest	withdrawn	3000GT	AVC,C2,Vi	107					
Hefty	H5522VT2P	VT2P	HC	105					
Hefty	H5524SS	STX	HC	105					
Hefty	H5624SS	STX	HC	106					
Hefty	H5812VT2PRIB	VT2P,B	HC	108					
Jung	56SS538	STX,B	AC,P5V	106					
Jung	58SS529	STX,B	AC,P5V	108					
Jung	58SS537RIB	STX,B	AC,P5V	108					
Latham	LH5635VT2ProRIB	VT2P,B	AC,P2	106					
Latham	LH5725VT2Pro	VT2P	AC,P5V	107					
Latham	LH5742RR	RR2	AC,P2	107					
Latham	LH5819SSRIB	STX,B	AC,P5V	108					
LG Seeds	LG5525VT2RIB	VT2P,B	AC,P5V	105					
LG Seeds	LG58C77VT2PRO	VT2P	AC,P5V	108					
NK Brand	NK0602-3010 GC	3010	AVC,C2,Vi	106					
NK Brand	NK0624-3220-EZR	3220,B	AVC,C2,Vi	106					
NK Brand	NK0821-3120A-EZR GC	3120,A,B	AVC,C5,Vi	108					
NuTech/G2 Gen	5D-906	AMX,B	MQ,P5V,R	106					
NuTech/G2 Gen	5FN-8808	OI	MQ,P1V,R	108					
NuTech/G2 Gen	5H-806	HX,RR2	MQ,P5V,R	106					
Pfister	65G1SE GC	STX,E	CM,C5,Vi,In	105					
Pioneer	P0496AMX CK	AMX,AQ,B	MQ,P1V,R	104					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.
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)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
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)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Borer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

?	information not provided	Lu	Lumivia™
A	Allegiance®	M	Maxim XL®
AC	Acceleron® fungicide products	MQ	Maxim Quattro®
AL2500	Alert 2500	None	untreated
At	Actellic®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Sa	Sativa™
CE	Cruiser Extreme®	Se	Sebring™
CM	CruiserMaxx® Corn	Sn	Senator™
D	Dynasty®	Sp	Spirato™
Es	Escalate®	SC	SHIELDCoat™
HC	Hefty Complete	V	Votivo®
In	Intego™ Solo	Vi	Vibrance®
L	Lorsban®		

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