

Test by: F.I.R.S.T. CCB, Inc. Elizabeth, IL

2024 Corn Grain Top 30 Harvest Report

Iowa East Central [IAEC] WASHINGTON, IA
Tom Vittetoe, Washington County, IA 52353

Early-Season Test	105 - 110 Day CRM B2024IAEC16a
Top 30 of 30	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Authority Supreme, 2,4-D Lv6, Enlist, Brawl, Liberty
SOIL DESCRIPTION:	Taintor silty clay loam, moderately drained, non- irrigated
SOIL CONDITION:	No-Till, very high P, high K, 6.6 pH, 4.6% OM, 23.7 CEC
PEST MANAGEMENT:	Volley Atz Lite Nxt, Callisto, Atrazine, Roundup, Impact, Quilt
FERTILITY - Applied N:	66 Planter, 4000 gal Hog Slurry
Applied N-P-K (units):	66-24-6
SEEDED - RATE - ROW:	Apr 23 35.0 /A 30" spacing
HARVESTED - STAND:	Sep 28 32.8 /A

TEST COMMENTS:

Planting conditions were very good. The location had starter fertilizer placed on it the day before we planted. Plants emerged strong and plants grew tall. Pollination was very good with large girthy ears filled to the tip with large kernel size. No lodging issues were seen with plants standing strong. Tar spot was noticeable throughout the plot. The cooperater stated that yields in the area were looking very good. Dry down was happening very fast. This location was one of the only areas with below-average rainfall, but the plot performed well. A very uniform-looking plot with no major issues.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	68C1V ↗	VE	108	309.6	17.1	1	33.8	1207	2
Merschman	2408C-30 GC ↗	PCE	108	304.8	16.4	1	31.9	1196	3
NuTech	69C7PCE ↗	PCE	109	298.8	16.5	1	32.9	1171	4
Wyffels	W6479 ↗	STXP	110	297.7	17.5	1	31.9	1155	5
Dyna-Gro	D49PN05RA ↗	PCE	109	292.9	17.6	1	31.9	1136	7
NuTech	69B5V ↗	VE	109	291.2	16.6	1	31.9	1141	6
FS InVision	FS 5949PC RA ↗	PCE	109	289.4	16.5	1	34.8	1135	9
NuTech	66C2V ↗	VE	106	289.2	16.6	1	33.8	1133	10
Dyna-Gro	D50SP65RIB ↗	STXP	110	286.0	15.2	1	32.9	1136	8
Titan Pro	44-06 PCE ↗	PCE	106	282.9	16.5	1	33.8	1109	11
FS InVision	FS 5947T RIB ↗	TRE	109	280.8	16.0	1	32.9	1106	12
Titan Pro	39-08 PCE ↗	PCE	108	280.2	17.2	1	31.9	1091	13
Titan Pro	31-10 PCE ↗	PCE	110	279.9	17.2	1	34.8	1089	14
FS InVision	FS 6025X RIB ↗	STX	110	278.1	17.9	1	33.8	1074	20
Wyffels	W6505 ↗	TRE	110	277.1	16.6	1	32.9	1085	17
Integra	6061 SSRIB ↗	STX	110	276.9	17.7	1	31.9	1073	21
Integra	5935PCE ↗	PCE	109	276.0	16.3	1	32.9	1084	18
NuTech	66D1AM ↗	AM	106	275.1	15.5	1	31.9	1089	15
FS InVision	FS 5845P RIB ↗	STXP	108	274.3	15.9	1	31.9	1082	19
Renk	RK766SSPRO ↗	STXP	109	273.0	14.8	1	33.8	1087	16
FS InVision	FS 6042F RIB ↗	VT4P	110	272.6	16.2	1	30.0	1072	23
Renk	RK773TRE ↗	TRE	109	272.0	15.8	1	33.8	1073	22
Wyffels	W5406RIB ↗	VT2P	108	266.9	16.0	1	33.8	1052	24
Golden Harvest	G08U00-V ↗	V	108	265.5	16.2	1	32.9	1044	25
LG Seeds	LG58C48VT2PRIB GC ↗	VT2P	108	265.4	16.2	1	30.9	1044	26
Integra	5802 VT2PRIB ↗	VT2P	108	262.2	16.0	1	32.9	1033	27
Wyffels	W6215RIB ↗	TRE	109	262.2	16.4	1	32.9	1029	28
Titan Pro	42-07 PCE ↗	PCE	107	258.2	15.8	1	31.9	1019	29
Renk	RK800VT4PRO ↗	VT4P	110	253.4	16.8	1	33.8	991	30
PIONEER	P1027AM CK	AM	110	310.7	17.2	1	32.9	1210	1
				Averages =	280.1	16.5	1	32.8	1098
				LSD (0.10) =	8.9	0.7	ns		
				LSD (0.25) =	4.7	0.3	ns		
				C.V. =	3.0				
				Historic yield: 224.91 bu/a, 22 yr(s)					



Randy Meinsma

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$3.98

Report Date: 09/29/2024

† 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. ↗ Links to full product yield results at www.firstseedtests.com

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2024 Corn Grain Top 30 Harvest Report

Iowa East Central [IAEC] WASHINGTON, IA
Tom Vittetoe, Washington County, IA 52353

Full-Season Test	111 - 115 Day CRM B2024IAEC16b
Top 30 of 41	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Authority Supreme, 2,4-D Lv6, Enlist, Brawl, Liberty
SOIL DESCRIPTION:	Taintor silty clay loam, moderately drained, non- irrigated
SOIL CONDITION:	No-Till, very high P, high K, 6.6 pH, 4.6% OM, 23.7 CEC
PEST MANAGEMENT:	Volley Atz Lite Nxt, Callisto, Atrazine, Roundup, Impact, Quilt
FERTILITY - Applied N:	66 Planter, 4000 gal Hog Slurry
Applied N-P-K (units):	66-24-6
SEEDED - RATE - ROW:	Apr 23 35.0 /A 30" spacing
HARVESTED - STAND:	Sep 28 32.6 /A

TEST COMMENTS:

Planting conditions were very good. The location had starter fertilizer placed on it the day before we planted. Plants emerged strong and plants grew tall. Pollination was very good with large girthy ears filled to the tip with large kernel size. No lodging issues were seen with plants standing strong. Tar spot was noticeable throughout the plot. The cooperater stated that yields in the area were looking very good. Dry down was happening very fast. This location was one of the only areas with below-average rainfall, but the plot performed well. A very uniform-looking plot with no major issues.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK876VT2P ↗	VT2P	113	303.3	18.6	1	32.9	1163	3
Merschman	2512C-30 GC ↗	PCE	112	302.6	17.2	1	31.9	1178	2
FS InVision	FS 6432P RIB ↗	STXP	114	300.1	19.0	1	31.9	1146	5
Wyffels	W7945RIB ↗	TRE	114	299.8	18.7	1	31.9	1149	4
FS InVision	FS 6447T RIB ↗	TRE	114	299.1	19.1	1	32.9	1141	6
ProHarvest	85P58 VT2PRIB ↗	VT2P	115	297.2	19.1	1	31.9	1135	7
NuTech	70B4AM ↗	AM	110	292.8	18.2	1	30.9	1127	8
Wyffels	W7485 ↗	TRE	112	292.6	18.3	1	31.9	1126	9
NuTech	73A4AM ↗	AM	113	292.4	20.5	1	30.9	1099	16
NuTech	71A7V ↗	VE	111	290.8	18.4	1	31.9	1118	10
Wyffels	W7876RIB ↗	VT2P	114	288.5	20.5	1	32.9	1084	22
Integra	6244PCE ↗	PCE	112	288.4	18.7	1	32.9	1106	14
Epley	E2109PCE ↗	PCE	111	288.2	18.2	1	32.9	1111	13
LG Seeds	LG64C43VT2RIB GC ↗	VT2P	114	288.0	18.7	1	31.9	1104	15
Integra	6365SSPRO ↗	STXP	113	287.8	17.8	1	32.9	1114	12
NuTech	72C1PCE ↗	PCE	112	287.8	19.5	1	34.8	1094	17
Cornelius	C6D72 VT2P ↗	VT2P	114	287.6	19.7	1	32.9	1091	19
Renk	RK958VT2P ↗	VT2P	115	286.5	19.8	1	32.9	1085	21
Titan Pro	40-13 PCE ↗	PCE	113	285.4	16.7	1	32.9	1116	11
ProHarvest	84P78 TRERIB ↗	TRE	114	283.3	18.3	1	31.9	1090	20
Integra	6274 VT2PRIB ↗	VT2P	112	282.5	17.7	1	32.9	1094	18
Wyffels	W7759RIB ↗	STXP	113	280.9	19.6	1	33.8	1067	26
FS InVision	FS 6245V RIB ↗	VT2P	112	279.6	18.2	1	32.9	1077	23
Renk	RK921VT2P ↗	VT2P	115	277.5	18.7	1	32.9	1063	27
FS InVision	FS 6349PC RA ↗	PCE	113	277.4	18.0	1	32.9	1070	25
Dyna-Gro	D53SP85RIB ↗	STXP	113	277.0	17.8	1	31.9	1071	24
Golden Harvest	G12U11-AA ↗	AA	112	275.5	19.5	1	32.9	1047	28
Titan Pro	33-12 PCE ↗	PCE	112	273.2	19.9	1	31.9	1034	31
Renk	RK825VT4P ↗	VT4P	112	272.5	19.3	1	31.9	1037	29
DeKalb	DKC66-06RIB GC ↗	TRE	116	271.1	18.9	1	32.9	1036	30
PIONEER	P1027AM CK	AM	110	309.0	17.9	1	33.8	1194	1
				Averages =	282.3	18.9	1	32.6	1080
				LSD (0.10) =	10.0	0.8	ns		
				LSD (0.25) =	5.3	0.4	ns		
				C.V. =	3.4	Historic yield: 224.91 bu/a, 22 yr(s)			

Randy Meinsma

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$3.98

Report Date: 09/29/2024

† 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. ↗ Links to full product yield results at www.firstseedtests.com

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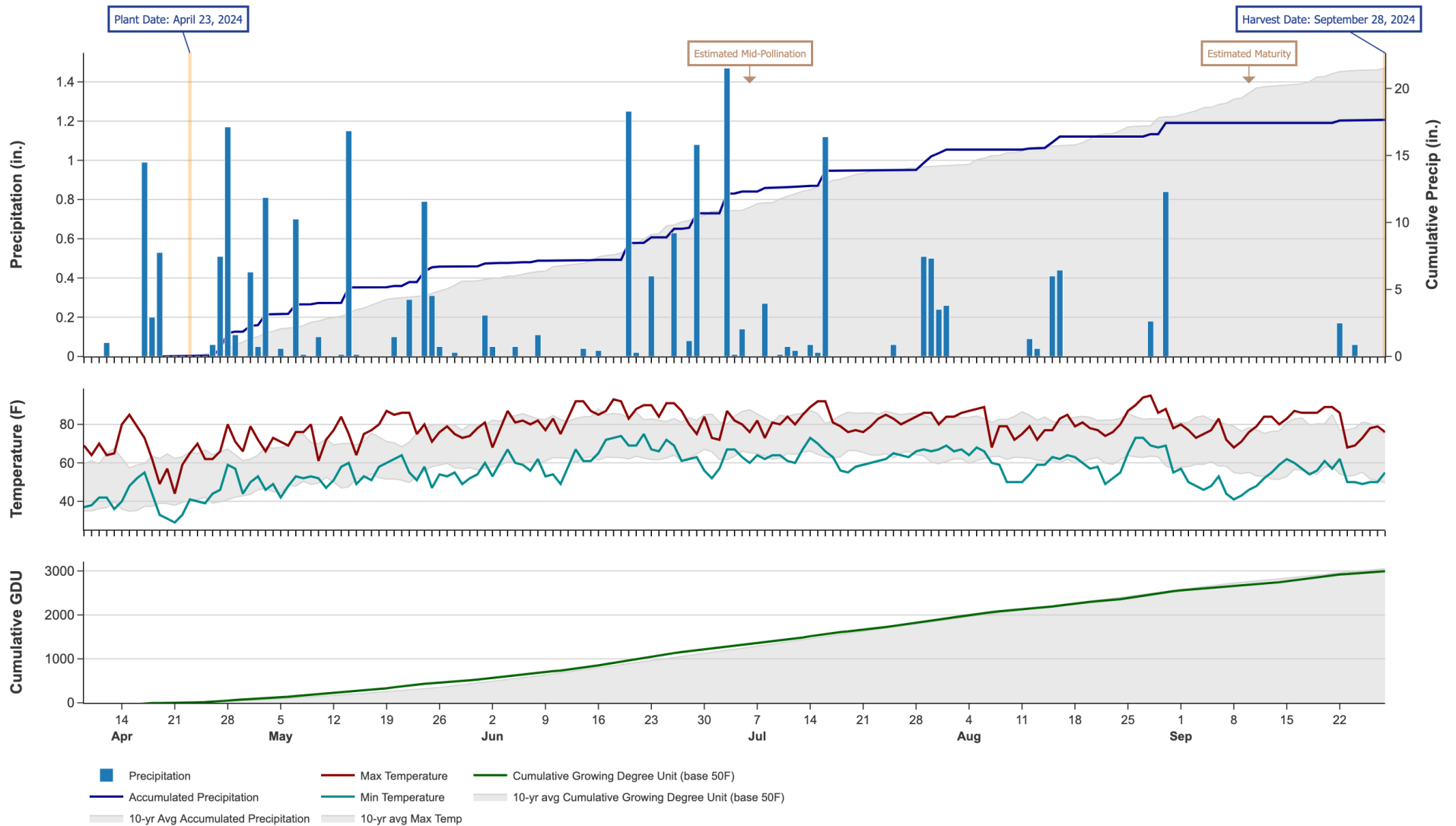
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2024 Corn - Iowa East Central [IAEC]

Weather Conditions Summary at WASHINGTON, IA

Weather Data Retrieved: 09/29/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	3.6 2.2 (+1.5)	4.9 4.6 (+0.3)	4.0 4.9 (-0.9)	4.5 3.7 (+0.8)	2.3 3.6 (-1.4)	0.2 3.6 (-3.4)	19.4 22.6 (-3.2)
GDU Avg (Diff)	188 109 (+78)	456 390 (+65)	686 677 (+8)	679 750 (-71)	647 692 (-45)	454 488 (-34)	3110 3107 (+2)



* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

2024 Corn - Iowa East Central [IAEC]

Early-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Dyna-Gro	D49PN05RA	PCE	Y	109	AC,P5V
Dyna-Gro	D50SP65RIB	STXP	Y	110	AC,P5V,EDC-B
FS InVision	FS 5845P RIB	STXP	Y	108	AC,P5V,EDC-EL
FS InVision	FS 5947T RIB	TRE	Y	109	AC,P5V,EDC-EL
FS InVision	FS 5949PC RA	PCE	Y	109	AC,P5V
FS InVision	FS 6025X RIB	STX	Y	110	AC,P5V
FS InVision	FS 6042F RIB	VT4P	Y	110	AC,P5V,EDC-EL
Golden Harvest	G08U00-V	V	Y	108	CM,C1,Vi,Va
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,St,SU
Integra	5935PCE	PCE	Y	109	AC,P5V,St,SU
Integra	6061 SSRIB	STX	Y	110	AC,P5V,St,SU
LG Seeds	LG58C48VT2PRIB GC	VT2P	Y	108	AC,P2
Merschman	2408C-30 GC	PCE	N*	108	NA
NuTech	66C2V	VE	Y	106	LumPro P2
NuTech	66D1AM	AM	Y	106	LumPro P2
NuTech	68C1V	VE	Y	108	LumPro P2
NuTech	69B5V	VE	Y	109	LumPro P2
NuTech	69C7PCE	PCE	Y	109	LumPro P2
Pioneer	P1027AM CK	AM	Y	110	Lum
Renk	RK766SSPRO	STXP	Y*	109	AC,P5V,EDC-EL
Renk	RK773TRE	TRE	Y*	109	AC,P2
Renk	RK800VT4PRO	VT4P	N	110	AC,P5V,EDC-EL
Titan Pro	31-10 PCE	PCE	N	110	CM,C2,Vi,Va
Titan Pro	39-08 PCE	PCE	N	108	CM,C2,Vi,Va
Titan Pro	42-07 PCE	PCE	Y	107	CM,C2,Vi,Va
Titan Pro	44-06 PCE	PCE	Y	106	CM,C2,Vi,Va
Wyffels	W5406RIB	VT2P	Y*	108	CM,C2,Vi,Va
Wyffels	W6215RIB	TRE	Y*	109	CM,C2,Vi,Va
Wyffels	W6479	STXP	N	110	AC,P5V
Wyffels	W6505	TRE	N	110	AC,P5V

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

2024 Corn - Iowa East Central [IAEC]

Full-Season Test Products (41 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Cornelius	C6D72 VT2P	VT2P	N	114	CM,C2,Vi,Va
Cornelius	C7308TRE	TRE	N	113	CM,C2,Vi,Va
Cornelius	C7590DP	VT2P	N	115	CM,C2,Vi,Va
DeKalb	DKC66-06RIB GC	TRE	Y	116	AC,P5V
Dyna-Gro	D53SP85RIB	STXP	Y	113	AC,P5V
Epley	E2109PCE	PCE	N	111	F
FS InVision	FS 6217X RIB	STX	Y	112	AC,P5V
FS InVision	FS 6245V RIB	VT2P	Y	112	AC,P5V,EDC-EL
FS InVision	FS 6349PC RA	PCE	Y	113	CM,C2,Vi,Va
FS InVision	FS 6432P RIB	STXP	Y	114	AC,P5V
FS InVision	FS 6447T RIB	TRE	Y	114	AC,P5V,EDC-EL
Golden Harvest	G12U11-AA	AA	Y	112	CM,C1,Vi,Va
Golden Harvest	G13U96-DV	DV	Y	113	CM,C1,Vi,Va
Golden Harvest	G15U34-V	V	Y	115	CM,C2,Vi,Va
Integra	6244PCE	PCE	N	112	AC,P5V,St,SU
Integra	6274 VT2PRIB	VT2P	Y	112	NA
Integra	6365SSPRO	STXP	Y	113	NA
LG Seeds	LG61C28-3110 GC	3110	Y	111	AGM
LG Seeds	LG64C43VT2RIB GC	VT2P	Y*	114	AC,P5V
Merschman	2512C-30 GC	PCE	N*	112	CM,C2,Vi,Va
NuTech	70B4AM	AM	Y	110	LumPro P2
NuTech	71A7V	VE	Y	111	LumPro P2
NuTech	72C1PCE	PCE	Y	112	LumPro P2
NuTech	73A4AM	AM	Y	113	LumPro P2
NuTech	74A5PCE	PCE	Y	114	LumPro P2
Pioneer	P1027AM CK	AM	Y	110	Lum
Pioneer	P16544PCE GC	PCE	Y	116	Lum, L1
ProHarvest	83P66 VT2PRIB	VT2P	Y*	113	AC,P5V,Va
ProHarvest	84P78 TRERIB	TRE	Y	114	AC,P5V,Va
ProHarvest	85P58 VT2PRIB	VT2P	Y	115	AC,P5V,Va
Renk	RK825VT4P	VT4P	N	112	AC,P5V,EDC-EL
Renk	RK876VT2P	VT2P	Y*	113	AC,P2
Renk	RK921VT2P	VT2P	N	115	AC,P5V,EDC-EL
Renk	RK958VT2P	VT2P	Y*	115	AC,P2
Titan Pro	33-12 PCE	PCE	N	112	CM,C2,Vi,Va
Titan Pro	40-13 PCE	PCE	Y	113	CM,C2,Vi,Va
Wyffels	W7485	TRE	N	112	AC,P5V
Wyffels	W7759RIB	STXP	Y*	113	CM,C2,Vi,Va
Wyffels	W7876RIB	VT2P	Y	114	CM,C2,Vi,Va
Wyffels	W7945RIB	TRE	Y*	114	CM,C2,Vi,Va
Wyffels	W8086RIB	VT2P	Y*	114	CM,C2,Vi,Va

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

Footnotes and Abbreviations Descriptions

Brand Footnotes

CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta. Power Plus® brand seed is distributed by Burrus. Power Plus® is a registered trademark of Corteva Agriscience.

Corn Technologies

3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
PCE	PowerCore® Enlist®
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VE	Vorceed™ Enlist®
VT2P	VT Double PRO®
VT4P	VT4Pro™ with RNAi Technology

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

Corn Seed Treatments*

NA	Not Available
AC,P2	Acceleron® 250
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,St,SU	Acceleron® Poncho 500/Votivo, Stamina, StepUp
AC,P5V,Va	Acceleron® Poncho 500/Votivo, Vayantis®
AGM	AgriShield Max
CM,C1,Vi,Va	CruiserMaxx® 1250 with Vibrance, Vayantis®
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
F	Fungicide
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
LumPro P2	Lumiscend Pro /Lumiflex fungicide, L-2012R bio-fungicide, Lumisure 250/ Lumivia250 insecticide, Lumialza nematocide

* Seed treatments may include unspecified plant health promoting components.