

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

2024 Corn Grain Top 30 Harvest Report

Iowa East Central [IAEC] PALO, IA
Jason Kwapil, Linn County, IA 52324

Early-Season Test	105 - 110 Day CRM B2024IAEC14a
Top 30 of 30	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Enlist, Round Up
SOIL DESCRIPTION:	Muscatine silty clay loam, moderately drained, non- irrigated
SOIL CONDITION:	Minimum W/O Fall Till, medium P, low K, 5.5 pH, 3.4% OM, 19.4 CEC
PEST MANAGEMENT:	Acruron, Atz, Dyfex Duo, Round Up
FERTILITY - Applied N:	150 Fall, 25 Foliar Rescue
Applied N-P-K (units):	175-32-54
SEEDED - RATE - ROW:	May 30 35.0 /A 30" spacing
HARVESTED - STAND:	Nov 8 32.4 /A

TEST COMMENTS:

Planting conditions were very good and the location received very good rainfall after planting and emerged very well. Harvest was delayed due to the county highway having road construction that blocked entry to the field. Access was made then rain delayed a few more days. At harvest, plants were still standing well with some stalk lodging. Tar spot could be seen throughout the plot. Wildlife damaged a few plots. There was no weed pressure. Ears were large and pollinated well with large seed size. Sturdy cobs made shelling easy.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	69B5V ↗	VE	109	267.4	17.9	1	32.9	1274	1
Wyffels	W5406RIB ↗	VT2P	108	257.6	17.5	2	30.9	1231	3
FS InVision	FS 5845P RIB ↗	STXP	108	256.7	17.2	2	31.9	1230	4
FS InVision	FS 5947T RIB ↗	TRE	109	256.4	17.8	1	31.9	1223	6
Wyffels	W6505 ↗	TRE	110	256.3	17.6	1	31.9	1224	5
NuTech	69C7PCE ↗	PCE	109	251.6	18.7	2	32.9	1190	8
Titan Pro	31-10 PCE ↗	PCE	110	251.3	17.8	1	31.9	1198	7
Integra	6061 SSRIB ↗	STX	110	249.5	19.0	1	33.3	1177	11
Wyffels	W6215RIB ↗	TRE	109	247.5	17.1	1	32.9	1187	9
Renk	RK800VT4PRO ↗	VT4P	110	245.8	18.0	2	32.9	1170	13
NuTech	66D1AM ↗	AM	106	245.5	17.0	1	33.8	1179	10
Dyna-Gro	D49PN05RA ↗	PCE	109	243.3	17.2	1	32.9	1166	14
FS InVision	FS 6025X RIB ↗	STX	110	243.1	18.9	3	34.8	1149	18
Integra	5935PCE ↗	PCE	109	243.0	16.1	1	32.9	1175	12
Merschman	2408C-30 GC ↗	PCE	108	243.0	17.3	2	31.9	1163	15
Titan Pro	44-06 PCE ↗	PCE	106	241.5	17.3	1	33.8	1157	16
Integra	5802 VT2PRIB ↗	VT2P	108	240.9	17.3	10	32.9	1154	17
NuTech	68C1V ↗	VE	108	240.8	17.9	1	32.9	1147	19
Titan Pro	39-08 PCE ↗	PCE	108	238.7	17.5	6	30.9	1141	20
Renk	RK766SSPRO ↗	STXP	109	237.7	17.7	1	32.9	1135	21
LG Seeds	LG58C48VT2PRIB GC ↗	VT2P	108	232.0	16.3	1	33.3	1120	22
Golden Harvest	G08U00-V ↗	V	108	231.2	18.7	3	31.9	1094	23
Titan Pro	42-07 PCE ↗	PCE	107	227.1	17.3	1	32.9	1088	25
NuTech	66C2V ↗	VE	106	226.9	18.1	2	30.9	1079	26
FS InVision	FS 5949PC RA ↗	PCE	109	225.9	16.5	1	31.9	1089	24
Dyna-Gro	D50SP65RIB ↗	STXP	110	219.8	18.2	19	31.9	1044	27
Renk	RK773TRE ↗	TRE	109	218.1	17.5	17	31.9	1043	28
FS InVision	FS 6042F RIB ↗	VT4P	110	217.2	17.6	9	32.9	1037	29
Wyffels	W6479 ↗	STXP	110	193.3	18.0	34	31.9	920	30
PIONEER	P1027AM CK	AM	110	264.7	18.4	4	31.9	1256	2



Randy Meinsma

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Averages = **240.3** **17.6** **5** **32.4** **1148**

LSD (0.10) = 13.8 0.5 ns

LSD (0.25) = 7.2 0.3 ns

C.V. = 5.4

Historic yield: 200.93 bu/a, 12 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.88

Report Date: 11/09/2024

† 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] PALO, IA
Jason Kwapil, Linn County, IA 52324

Full-Season Test	111 - 115 Day CRM B2024IAEC14b
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Enlist, Round Up
SOIL DESCRIPTION:	Muscatine silty clay loam, moderately drained, non- irrigated
SOIL CONDITION:	Minimum W/O Fall Till, medium P, low K, 5.5 pH, 3.4% OM, 19.4 CEC
PEST MANAGEMENT:	Acruron, Atz, Dyfex Duo, Round Up
FERTILITY - Applied N:	150 Fall, 25 Foliar Rescue
Applied N-P-K (units):	175-32-54
SEEDED - RATE - ROW:	May 30 35.0 /A 30" spacing
HARVESTED - STAND:	Nov 8 32.5 /A

TEST COMMENTS:

Planting conditions were very good and the location received very good rainfall after planting and emerged very well. Harvest was delayed due to the county highway having road construction that blocked entry to the field. Access was made then rain delayed a few more days. At harvest, plants were still standing well with some stalk lodging. Tar spot could be seen throughout the plot. Wildlife damaged a few plots. There was no weed pressure. Ears were large and pollinated well with large seed size. Sturdy cobs made shelling easy.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6447T RIB ↗	TRE	114	271.5	18.7	2	30.9	1284	1
NuTech	71A7V ↗	VE	111	261.0	18.2	1	32.9	1240	2
NuTech	70B4AM ↗	AM	110	253.4	18.0	1	32.9	1206	4
Cornelius	C6D72 VT2P ↗	VT2P	114	252.8	18.9	1	31.9	1195	5
Wyffels	W8086RIB ↗	VT2P	114	252.4	19.2	2	32.9	1189	6
Golden Harvest	G13U96-DV ↗	DV	113	251.1	19.3	1	31.9	1183	7
Merschman	2512C-30 GC ↗	PCE	112	248.7	18.6	1	32.9	1178	8
Renk	RK921VT2P ↗	VT2P	115	245.6	19.6	1	32.9	1153	12
Integra	6274 VT2PRIB ↗	VT2P	112	243.5	18.2	3	32.9	1157	9
FS InVision	FS 6217X RIB ↗	STX	112	243.3	18.5	1	30.9	1153	13
Wyffels	W7485 ↗	TRE	112	242.7	18.1	1	32.9	1154	11
Integra	6244PCE ↗	PCE	112	242.7	17.8	2	32.9	1157	10
Titan Pro	40-13 PCE ↗	PCE	113	242.4	18.4	1	32.9	1150	14
NuTech	73A4AM ↗	AM	113	241.6	19.0	1	32.9	1140	16
ProHarvest	84P78 TRERIB ↗	TRE	114	241.5	18.1	2	33.8	1149	15
ProHarvest	83P66 VT2PRIB ↗	VT2P	113	239.8	18.8	1	31.9	1134	18
Dyna-Gro	D53SP85RIB ↗	STXP	113	239.7	18.1	1	31.9	1140	17
LG Seeds	LG64C43VT2RIB GC ↗	VT2P	114	239.7	20.0	1	33.8	1122	22
Wyffels	W7876RIB ↗	VT2P	114	238.9	18.4	1	31.9	1133	19
FS InVision	FS 6349PC RA ↗	PCE	113	238.3	19.0	1	30.9	1125	20
ProHarvest	85P58 VT2PRIB ↗	VT2P	115	238.3	18.9	4	32.9	1125	21
Renk	RK876VT2P ↗	VT2P	113	235.0	18.9	1	32.9	1110	24
NuTech	72C1PCE ↗	PCE	112	234.9	17.8	1	32.9	1120	23
Integra	6365SSPRO ↗	STXP	113	234.2	18.8	1	32.9	1108	25
Golden Harvest	G15U34-V ↗	V	115	233.5	19.8	1	32.9	1094	28
DeKalb	DKC66-06RIB GC ↗	TRE	116	232.7	19.1	1	31.9	1097	26
FS InVision	FS 6432P RIB ↗	STXP	114	231.9	18.8	1	31.9	1096	27
Renk	RK958VT2P ↗	VT2P	115	229.7	19.4	3	31.9	1081	30
Pioneer	P16544PCE GC ↗	PCE	116	229.3	18.5	1	33.8	1087	29
Cornelius	C7308TRE ↗	TRE	113	228.5	18.7	6	32.9	1081	31
PIONEER	P1027AM CK	AM	110	259.9	17.8	2	32.9	1239	3

Averages = **236.7** **18.7** **2** **32.5** **1119**

LSD (0.10) = 8.7 0.7 ns

LSD (0.25) = 4.6 0.4 ns

C.V. = 3.5

Historic yield: 200.93 bu/a, 12 yr(s)

Randy Meinsma

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.88

Report Date: 11/09/2024

† 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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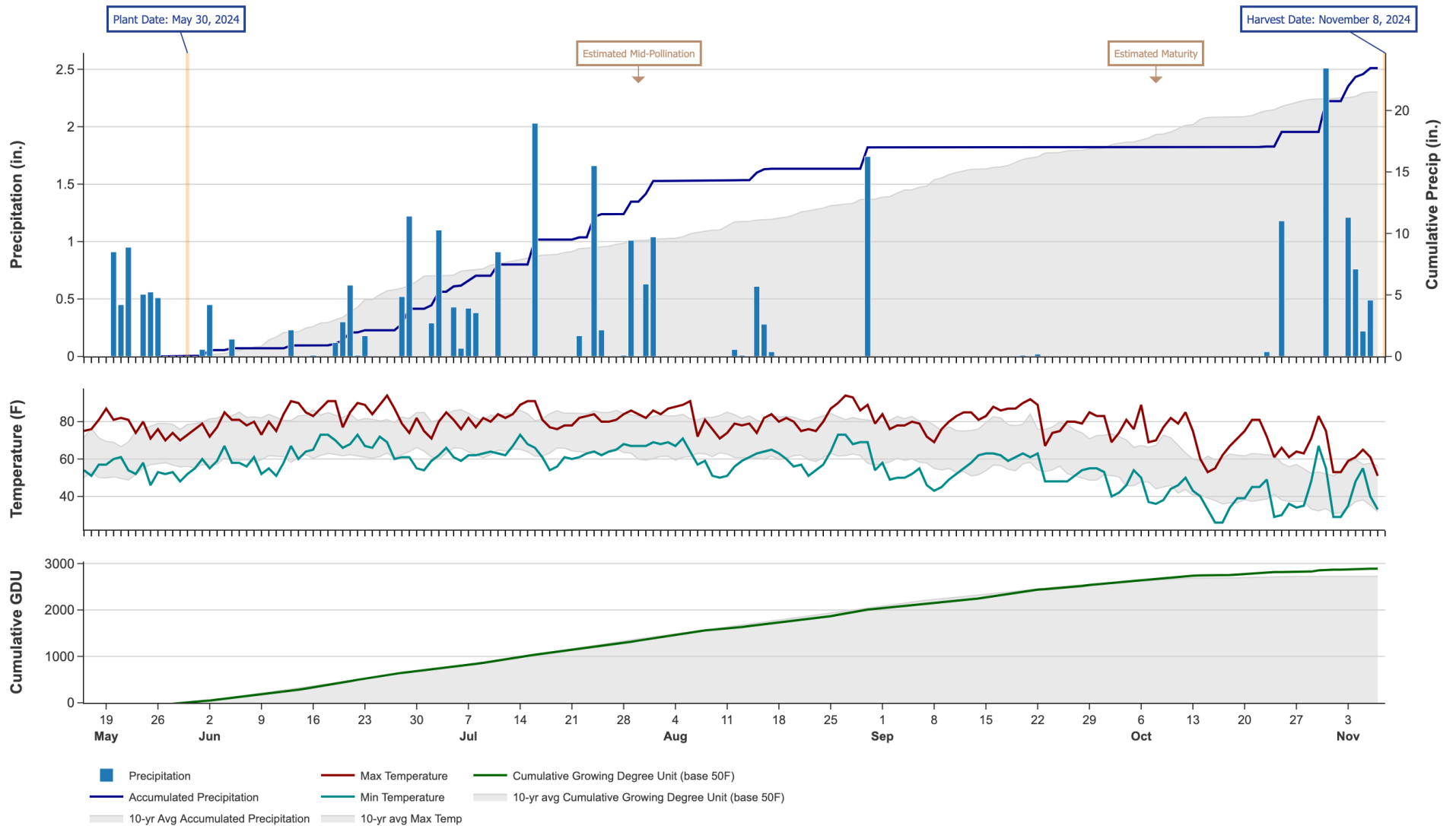
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2024 Corn - Iowa East Central [IAEC]

Weather Conditions Summary at PALO, IA

Weather Data Retrieved: 11/09/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) (Diff)	3.9 2.1 (+1.8)	3.9 6.0 (-2.2)	9.3 3.3 (+6.0)	3.8 3.3 (+0.4)	0.0 4.1 (-4.1)	3.7 4.1 (-0.3)	2.7 0.5 (+2.2)	27.4 23.5 (+3.8)
GDU Avg (Diff)	248 224 (+23)	667 649 (+17)	682 732 (-50)	660 671 (-11)	533 495 (+37)	310 158 (+151)	21 0 (+21)	3121 2931 (+189)



* 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 (42 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
Hoegemeyer	8262PCE	PCE	Y	112	Lum, L1
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.