

Test by: Apex Custom Research Enterprises (ACRE)
Clearwater, NE

2024 Corn Grain Top 30 Harvest Report

Nebraska Northeast [NENE] NEWCASTLE, NE
Rob-See-Co, Austin Koch, Cedar County, NE

Early-Season Test 105 - 110 Day CRM
B2024NENE01a

Top 30 of 32 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybeans / Enlist One,
Roundup, Liberty, 2-4d

SOIL DESCRIPTION: Aowa silt loam, well drained,
non-irrigated

SOIL CONDITION: No-Till, medium P, high K, 7.8
pH, 3.9% OM, 22.9 CEC

PEST MANAGEMENT: Harness Xtra, Sharpen, Mustang
Maxx, 2,4-D, Roundup, Callisto,
Atrazine, Veltyma

FERTILITY - Applied N: 94 Spring, 65 Sidedress

Applied N-P-K (units): 159-120-60

SEEDED - RATE - ROW: May 17 33.0 /A 30" spacing

HARVESTED - STAND: Oct 21 31.6 /A

TEST COMMENTS:

On the Koch farm, the turnout this year was favorable despite initial challenges. Intense rainfall caused erosion on hilly fields, resulting in soil displacement and gullies. Fortunately, this particular site, situated on a gentle footslope, managed to avoid significant damage from the heavy rains. Ultimately, the abundant rainfall contributed to an excellent crop, especially compared to last year's drought conditions. Austin reported a yield of 225 Bu/acre on his headlands, providing a glimpse of the potential yields as he progresses further into the field. Black tar spot was present on the upper leaves but its impact may have been warded off by a timely fungicide application.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hoegemeyer	8014PCE ↗	PCE	110	256.0	12.7	0	32.3	1057	1
Wyffels	W6479 ↗	STXP	110	248.3	14.1	0	32.3	1025	3
Wyffels	W6215RIB ↗	TRE	109	247.3	13.0	0	31.6	1021	4
Heine	8185TRERIB ↗	TRE	111	245.8	12.9	0	31.6	1015	5
Hoegemeyer	7977V ↗	VE	109	243.7	12.8	0	32.0	1006	6
Wyffels	W6505 ↗	TRE	110	242.1	15.0	0	30.9	1000	7
Channel	210-46VT2PRIB GC ↗	VT2P	110	241.0	14.6	0	30.9	995	8
NK Brand	NK1056-V ↗	V	110	239.1	13.9	0	30.9	987	9
Hoegemeyer	7918V ↗	VE	109	239.1	12.3	0	30.9	987	10
Heine	8010VT2PRIB ↗	VT2P	110	239.0	13.5	0	32.0	987	11
Renk	RK800VT4PRO ↗	VT4P	110	237.1	13.7	0	32.7	979	12
Renk	RK773TRE ↗	TRE	109	235.8	13.1	0	31.6	974	13
Channel	207-87VT2PRIB GC ↗	VT2P	107	235.1	13.0	0	32.0	971	14
Heine	7910V2TPRIB ↗	VT2P	109	234.0	13.4	0	31.6	966	15
Wyffels	W5406RIB ↗	VT2P	108	233.3	12.3	0	30.9	964	16
Renk	RK785PCE ↗	PCE	109	231.6	11.6	0	32.0	957	17
Heine	7840PWERIB ↗	PCE	108	230.7	13.6	0	32.7	953	18
Dyna-Gro	D49PN05RA ↗	PCE	109	227.4	12.9	0	31.6	939	19
Integra	5935PCE ↗	PCE	109	225.4	11.6	0	33.0	931	20
Pioneer	P0953AM GC ↗	AM	109	224.3	12.6	0	32.3	926	21
Channel	210-08VT2PRIB GC ↗	VT2P	110	224.0	12.3	0	30.1	925	22
Heine	7925PWERIB ↗	PCE	109	224.0	11.6	0	31.6	925	23
Pioneer	P0688AM GC ↗	AM	106	218.0	12.5	0	30.9	900	24
Renk	RK742VT2P ↗	VT2P	108	216.8	12.4	0	32.3	895	25
Cornelius	C7026PCE ↗	PCE	110	215.2	12.9	0	32.3	889	26
Renk	RK766SSPRO ↗	STXP	109	212.8	12.3	0	31.6	879	27
Golden Harvest	G08U00-V ↗	V	108	211.6	14.1	0	30.9	874	28
Integra	5802 VT2PRIB ↗	VT2P	108	209.1	12.4	0	31.6	864	29
Cornelius	C6713DP ↗	VT2P	107	206.4	13.0	0	32.0	852	30
NK Brand	NK0880-V ↗	V	108	202.6	12.8	0	30.1	837	31
PIONEER	P1185AM CK	AM	111	255.4	13.6	0	31.6	1055	2
				Averages =	229.2	13.0		31.6	946
				LSD (0.10) =	15.3	0.8	ns		
				LSD (0.25) =	8.0	0.4	ns		
				C.V. =	6.3				
nick.hoffman@firstseedtests.com, (308) 730-7503				Historic yield: 184.5 bu/a, 1 yr(s)					

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.042 Prices: GMO = \$4.13

Report Date: 10/22/2024

† 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 exceeded 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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Clearwater, NE

2024 Corn Grain Top 30 Harvest Report

Nebraska Northeast [NENE] NEWCASTLE, NE
Rob-See-Co, Austin Koch, Cedar County, NE

Full-Season Test	111 - 115 Day CRM B2024NENE01b
Top 30 of 34	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Enlist One, Roundup, Liberty, 2-4d
SOIL DESCRIPTION:	Aowa silt loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, medium P, high K, 7.8 pH, 3.9% OM, 22.9 CEC
PEST MANAGEMENT:	Harness Xtra, Sharpen, Mustang Maxx, 2,4-D, Roundup, Callisto, Atrazine, Veltyma
FERTILITY - Applied N:	94 Spring, 65 Sidedress
Applied N-P-K (units):	159-120-60
SEEDED - RATE - ROW:	May 17 33.0 /A 30" spacing
HARVESTED - STAND:	Oct 21 31.7 /A

TEST COMMENTS:

On the Koch farm, the turnout this year was favorable despite initial challenges. Intense rainfall caused erosion on hilly fields, resulting in soil displacement and gullies. Fortunately, this particular site, situated on a gentle footslope, managed to avoid significant damage from the heavy rains. Ultimately, the abundant rainfall contributed to an excellent crop, especially compared to last year's drought conditions. Austin reported a yield of 225 Bu/acre on his headlands, providing a glimpse of the potential yields as he progresses further into the field. Black tar spot was present on the upper leaves but its impact may have been warded off by a timely fungicide application.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wyffels	W8086RIB ↗	VT2P	114	281.3	17.0	0	32.7	1138	4
Heine	8130PWERIB ↗	PCE	111	279.3	15.9	0	31.6	1143	3
Heine	8198PWERIB ↗	PCE	111	278.8	14.5	0	31.2	1151	1
Renk	RK876VT2P ↗	VT2P	113	274.1	15.8	0	31.6	1123	6
Hoegemeyer	8172V ↗	VE	111	272.4	14.7	0	31.6	1125	5
Cornelius	C7235PCE ↗	PCE	112	271.9	13.6	0	32.0	1123	7
Wyffels	W7876RIB ↗	VT2P	114	271.7	15.2	0	31.2	1120	8
Hoegemeyer	8418AM ↗	AM	114	270.0	15.2	0	31.2	1113	9
Dyna-Gro	D51VC95RIB ↗	VT2P	111	269.2	13.9	0	30.9	1112	10
Renk	RK825VT4P ↗	VT4P	112	264.4	16.4	0	34.1	1077	12
Pioneer	P1164AM GC ↗	AM	111	263.9	15.0	0	30.5	1090	11
Channel	214-22STXRIB GC ↗	STX	114	263.6	17.2	0	29.8	1065	15
Wyffels	W7945RIB ↗	TRE	114	262.7	16.1	0	31.2	1073	14
Integra	6274 VT2PRIB ↗	VT2P	112	262.7	15.8	0	31.2	1076	13
Renk	RK958VT2P ↗	VT2P	115	260.7	16.9	0	32.0	1056	17
Channel	212-02VT2PRIB GC ↗	VT2P	112	258.7	16.0	0	30.5	1057	16
Renk	RK921VT2P ↗	VT2P	115	258.5	17.1	0	31.2	1044	19
Cornelius	C6D72 VT2P ↗	VT2P	114	255.7	16.3	0	30.9	1042	20
Integra	6244PCE ↗	PCE	112	255.6	14.6	0	32.3	1056	18
Wyffels	W6886RIB ↗	VT2P	111	255.4	16.3	0	32.3	1041	22
Heine	8386VT2PRIB ↗	VT2P	113	254.7	17.4	0	31.6	1026	27
Heine	8145VT2PRIB ↗	VT2P	111	252.8	15.8	0	33.0	1036	25
Heine	8274PWERIB ↗	PCE	112	252.3	13.7	0	32.0	1042	21
Wyffels	W7759RIB ↗	STXP	113	252.0	16.3	0	30.9	1027	26
Channel	214-78DGVT2PRIB GC ↗	VT2PDG	114	251.9	17.0	0	32.0	1019	28
Pioneer	P1244AM GC ↗	AM,AQ	112	251.7	14.5	0	33.1	1040	23
Hoegemeyer	8366V ↗	VE	113	251.1	14.8	0	30.1	1037	24
Dyna-Gro	D53VC54RIB ↗	VT2P	113	250.8	16.9	0	32.3	1016	29
NK Brand	NK1307-DV ↗	DV	113	244.6	15.7	0	33.4	1003	30
Golden Harvest	G13U96-DV ↗	DV	113	241.9	16.4	0	31.6	985	31
PIONEER	P1185AM CK	AM	111	279.0	15.4	0	30.9	1148	2
				Averages =	259.0	15.7		31.7	1060
				LSD (0.10) =	15.1	0.9	ns		
				LSD (0.25) =	7.9	0.5	ns		
				C.V. =	5.5				
nick.hoffman@firstseedtests.com, (308) 730-7503				Historic yield: 184.5 bu/a, 1 yr(s)					

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.042 Prices: GMO = \$4.13

Report Date: 10/22/2024

† 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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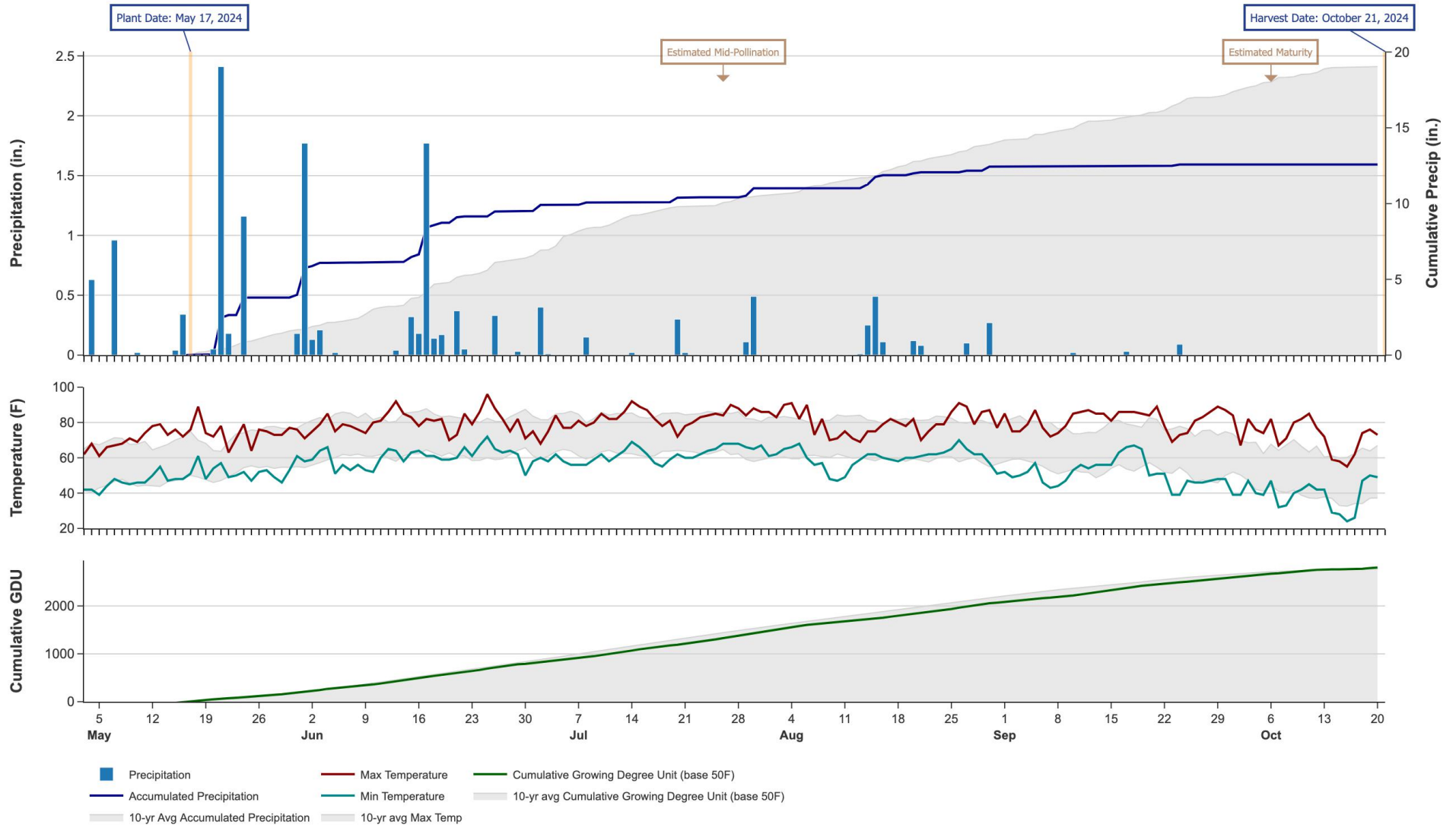
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2024 Corn - Nebraska Northeast [NENE]

Weather Conditions Summary at NEWCASTLE, NE

Weather Data Retrieved: 10/22/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	6.0 3.5 (+2.5)	5.5 4.7 (+0.8)	1.5 4.1 (-2.6)	1.4 3.5 (-2.1)	0.1 3.1 (-3.0)	0.0 1.9 (-1.9)	14.6 20.8 (-6.2)
GDU Avg (Diff)	348 320 (+27)	602 656 (-54)	667 715 (-48)	610 638 (-28)	522 467 (+54)	211 120 (+90)	2960 2919 (+40)



* 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 - Nebraska Northeast [NENE]

Early-Season Test Products (32 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Channel	207-87VT2PRIB GC	VT2P	Y	107	AC,P5V,EDC-B
Channel	210-08VT2PRIB GC	VT2P	Y	110	AC,P5V,EDC-EL
Channel	210-46VT2PRIB GC	VT2P	Y	110	AC,P5V,EDC-B
Cornelius	C6713DP	VT2P	N	107	P5V,Lu
Cornelius	C7026PCE	PCE	N	110	CM,C2,Vi,Va
Dyna-Gro	D49FN05RA	PCE	Y	109	AC,P5V
Golden Harvest	G08U00-V	V	Y	108	CM,C1,Vi,Va
Golden Harvest	G10L16-DV	DV	Y	110	AVC,C1,Vi,Va
Heine	7840PWERIB	PCE	Y	108	F,I,B,NE,NU
Heine	7910V2TPRIB	VT2P	Y*	109	F,I,B,NE,NU
Heine	7925PWERIB	PCE	Y	109	F,I,B,NE,NU
Heine	8010VT2PRIB	VT2P	Y*	110	F,I,B,NE,NU
Heine	8185TRERIB	TRE	N	111	F,I,B,NE,NU
Hoegemeyer	7918V	VE	Y	109	Lum, L1
Hoegemeyer	7977V	VE	Y	109	Lum, L1
Hoegemeyer	8014PCE	PCE	Y	110	Lum, L1
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,St,SU
Integra	5935PCE	PCE	Y	109	AC,P5V,St,SU
NK Brand	NK0880-V	V	Y	108	CM,C1,Vi,Va
NK Brand	NK1056-V	V	Y	110	CM,C2,Vi,Va
Pioneer	P0688AM GC	AM	Y	106	Lum
Pioneer	P0953AM GC	AM	Y	109	Lum
Pioneer	P1185AM CK	AM	Y	111	Lum
Renk	RK742VT2P	VT2P	N	108	AC,P5V,EDC-EL
Renk	RK766SSPRO	STXP	Y*	109	AC,P5V,EDC-EL
Renk	RK773TRE	TRE	Y*	109	AC,P2
Renk	RK785PCE	PCE	N	109	Lum
Renk	RK800VT4PRO	VT4P	N	110	AC,P5V,EDC-EL
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 - Nebraska Northeast [NENE]

Full-Season Test Products (34 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Channel	212-02VT2PRIB GC	VT2P	U	112	AC,P5V,EDC-EL
Channel	214-22STXRIB GC	STX	Y	114	AC,P5V,EDC-B
Channel	214-78DGV2PRIB GC	VT2PDG	Y	114	AC,P5V,EDC-B
Cornelius	C6D72 VT2P	VT2P	N	114	CM,C2,Vi,Va
Cornelius	C7235PCE	PCE	N	112	CM,C2,Vi,Va
Dyna-Gro	D51VC95RIB	VT2P	Y	111	AC,P5V
Dyna-Gro	D53VC54RIB	VT2P	Y	113	AC,P5V
Golden Harvest	G11V76-AA	AA	Y	111	AVC,C1,Vi,Va
Golden Harvest	G13U96-DV	DV	Y	113	CM,C1,Vi,Va
Heine	8130PWERIB	PCE	Y	111	F,I,B,NE,NU
Heine	8145VT2PRIB	VT2P	Y	111	F,I,B,NE,NU
Heine	8198PWERIB	PCE	Y	111	F,I,B,NE,NU
Heine	8274PWERIB	PCE	Y	112	F,I,B,NE,NU
Heine	8386VT2PRIB	VT2P	Y	113	F,I,B,NE,NU
Hoegemeyer	8172V	VE	Y	111	Lum, L1
Hoegemeyer	8366V	VE	Y	113	Lum, L1
Hoegemeyer	8418AM	AM	Y	114	Lum, L1
Integra	6244PCE	PCE	N	112	NA
Integra	6274 VT2PRIB	VT2P	Y	112	NA
Integra	6365SSPRO	STXP	Y	113	NA
NK Brand	NK1307-DV	DV	Y	113	CM,C1,Vi,Va
NK Brand	NK1386-VZ	VZ	Y	113	CM,C2,Vi,Va
Pioneer	P1164AM GC	AM	Y	111	Lum
Pioneer	P1185AM CK	AM	Y	111	Lum
Pioneer	P1244AM GC	AM,AQ	Y	112	Lum
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
Wyffels	W6886RIB	VT2P	Y*	111	CM,C2,Vi,Va
Wyffels	W7759RIB	STXP	Y*	113	CM,C2,Vi,Va
Wyffels	W7876RIB	VT2P	Y	114	AC,P5V
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

AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
AQ	Optimum® AQUAmax®
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®
VT2PDG	DroughtGard® with VT Double PRO®
VT4P	VT4Pro™ with RNAi Technology
VZ	Viptera™ Z3 (Vip,CB,VTP,LL,GT), formerly Agrisure Viptera® 3330

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
AVC,C1,Vi,Va	Avicta® Complete 1250, Vibrance®, Vayantis®
CM,C1,Vi,Va	CruiserMaxx® 1250 with Vibrance, Vayantis®
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
F,I,B,NE,NU	Fungicide, Insecticide, Biological, Nematicide, Nutrition
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
P5V,Lu	Poncho 500/Votivo, Lumiante™

* Seed treatments may include unspecified plant health promoting components.