

NDSU Corn Hybrid Performance Trial

Company	Hybrid	Grain Yield bu/A	PERF. INDEX PI	Grain Moisture %	Plant Density pl/A	Root Ldg %	Stalk Ldg %	Test Weight lb/bu
Gold Country	98-10VT3	233.0	116.1	20.3	32800	0.0	1.6	54.9
Kruger	2499RR/YGCB	225.7	115.5	19.8	32288	0.0	0.0	54.7
Wensman	W7309VT3	222.5	101.2	22.4	32800	0.0	1.6	53.0
DeKalb	DKC48-46(RR2/YGPL)	220.1	114.3	19.5	32800	0.0	0.0	54.9
Wensman	W6266BtRR	219.6	103.2	21.5	32825	0.0	0.0	53.5
Peterson Seeds	PFS 53Y96	219.2	106.4	20.8	32288	0.0	0.0	55.4
Wensman	W6194BtRR	219.1	109.7	20.2	31775	0.0	0.0	54.7
Kruger	6499VT3	217.8	104.3	21.1	32825	0.0	0.0	54.2
Hyland	HL R238	217.0	113.9	19.3	32288	0.0	1.6	54.9
Integra	9513VT3	216.6	101.8	21.5	31775	0.0	0.0	53.0
Scherr	AV4883R2CB	215.8	109.3	20.0	33313	0.0	0.0	54.5
NuTech	3W-099 RR/YGRW	214.8	102.0	21.3	32288	0.0	0.0	54.9
Kruger	2298RR/YGCB	213.9	113.2	19.1	32825	0.0	0.0	55.9
Dairyland	Stealth 9196	213.2	109.5	19.7	32288	0.0	0.0	55.7
NuTech	3T-098 VT3	212.0	105.2	20.4	31775	0.0	0.0	54.4
Crow's Hybrids	Crows-4S502	211.7	104.5	20.5	32288	0.0	1.6	55.0
DeKalb	DKC51-39(RR2/YGPL)	211.3	105.0	20.5	32825	0.0	0.0	54.6
Wensman	W7289VT3	210.6	94.7	22.7	32800	0.0	0.0	54.1
Kruger	2094RR/YGCB	210.4	107.7	19.8	32800	0.0	4.5	54.5
NuTech	3T-393 VT3	209.0	110.2	19.2	32800	0.0	0.0	54.2
Terning	TS8272RRYGCB	208.6	109.5	19.3	31775	0.0	0.0	55.3
Kruger	1490RR	207.7	109.5	19.2	30238	0.0	0.0	56.7
NuTech	1B-893 CB/LL	206.4	112.3	18.6	31775	0.0	0.0	53.2
Kruger	6697TS	206.2	111.9	18.6	33313	0.0	0.0	55.8
Wensman	W6307RR	205.9	100.5	20.6	32800	0.0	0.0	51.8
Seeds 2000	2954RRBt	205.7	100.2	20.8	32288	0.0	0.0	52.7
NuTech	3C-393 RR/YGCB	205.1	104.6	19.9	32825	0.0	0.0	54.3
Seeds 2000	9501VT3	205.1	107.6	19.3	30750	0.0	0.0	54.2
Proseed	690	204.2	116.8	17.7	32850	0.0	4.3	52.7
Proseed	794Bt11	203.5	106.3	19.5	31775	0.0	6.5	52.0
Wensman	W4141	202.4	102.2	20.0	29700	0.0	0.0	55.0
Garst	8792CB/LL	202.3	111.1	18.4	32800	0.0	0.0	54.5
Kruger	9496TS	201.6	103.3	19.7	33313	0.0	0.0	54.5
Gold Country	95-03CBR	201.0	109.8	18.5	32800	0.0	0.0	56.9

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Scherr	AV5016R2CB	200.8	109.6	18.5	31775	0.0	0.0	54.7
NuTech	3T-096 VT3	200.5	96.6	21.1	33313	0.0	0.0	54.3
Wensman	W7267VT3	200.0	102.6	19.8	32800	0.0	0.0	54.7
DeKalb	DKC43-31(RR2/YGCB)	199.6	110.2	18.3	31775	0.0	0.0	55.8
NuTech	3T-799 VT3	199.1	104.5	19.3	31263	1.6	1.6	54.9
NuTech	3P-494 RR/YGPL	198.0	102.5	19.5	29163	0.0	0.0	52.4
Mycogen	2R428	197.5	94.8	21.1	31263	0.0	0.0	53.6
NuTech	3A-093 RR	197.5	102.1	19.6	32288	0.0	0.0	55.7
Kruger	2097RR/YGCB	197.5	105.1	19.0	32288	0.0	0.0	53.5
NuTech	3C-191 RR/YGCB	196.6	106.2	18.7	32825	0.0	0.0	55.8
Proseed	95S04RRBtCRW	196.0	97.1	20.4	30238	0.0	0.0	54.6
Wensman	W5105Bt	195.7	111.5	17.8	32800	0.0	0.0	55.8
Peterson Seeds	PFS 56G95	195.2	98.6	20.0	33313	0.0	1.5	54.4
Kruger	1195RR	193.3	105.3	18.6	32288	0.0	1.6	54.6
Renk	RK438YGCB	192.7	106.0	18.4	32825	0.0	0.0	56.2
Wensman	W7195VT3	192.3	108.2	18.0	32338	0.0	0.0	55.8
Scherr	AV5480R2CB	192.3	90.4	21.4	29675	0.0	0.0	54.5
Pioneer	37Y14	192.0	93.3	20.8	32850	0.0	0.0	53.5
Kruger	9496RR/YGCB	191.2	96.3	20.1	32825	0.0	0.0	53.8
Hyland	HL B282	190.8	99.1	19.5	32825	0.0	0.0	53.9
Experimental	76252BLH	189.7	90.5	21.2	31263	0.0	0.0	53.7
Dairyland	Stealth 7789	189.3	105.7	18.1	33313	0.0	0.0	55.9
DeKalb	DKC46-60(VT3)	188.0	96.6	19.7	29188	2.2	0.0	55.3
Seeds 2000	2953RRYGPL	187.5	93.9	20.2	29213	0.0	0.0	53.8
Proseed	592Bt11	187.3	105.3	18.0	33313	0.0	4.6	55.4
Crow's Hybrids	Crows-1705S	186.7	97.4	19.3	32288	0.0	0.0	55.7
Wensman	W7118VT3	186.0	100.7	18.7	31775	0.0	1.7	55.2
Gold Country	94-01CBRCRW	185.8	98.4	19.1	29700	0.0	0.0	54.5
NuTech	3T-995 VT3	185.4	92.6	20.2	31263	0.0	0.0	54.6
NuTech	0C-596 YGCB	185.4	101.9	18.4	32288	0.0	3.2	55.3
NuTech	3A-090 VT3	185.3	103.7	18.1	30238	0.0	1.7	55.8
Dairyland	Stealth 1891	184.8	124.6	15.0	32800	0.0	0.0	54.5
Garst	8884CB/LL	184.8	103.1	18.2	32288	0.0	0.0	53.5
Pioneer	38M58	183.0	101.2	18.3	33313	0.0	0.0	56.0
Experimental	LH76252	182.4	87.6	21.2	30750	0.0	1.7	53.8
Wensman	W6271RR	179.4	86.5	21.0	29725	0.0	3.7	53.5
Kruger	9392RR/YGCB	179.3	100.2	18.1	32288	0.0	0.0	56.4

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NuTech	3T-595 VT3	178.9	91.1	19.8	29725	0.0	0.0	53.4
Terning	TS8269RRYGCB	178.8	91.7	19.7	32825	0.0	1.5	54.5
Wolf River Valley	WRV2395	177.9	109.1	16.5	31775	0.0	0.0	54.7
Hyland	HL B38R	177.6	93.6	19.2	32288	0.0	0.0	54.2
NuTech	3A-391 RR	177.5	104.2	17.2	33313	0.0	0.0	55.5
Kruger	9392TS	176.4	99.2	18.0	30750	0.0	0.0	56.6
Scherr	AV4005R2CB	175.3	97.3	18.2	32800	0.0	1.6	56.2
Kruger	2697RR/YGCB	175.0	98.0	18.1	29213	0.0	0.0	56.4
Kruger	2090RR/YGCB	174.1	96.9	18.2	30238	0.0	0.0	56.0
Scherr	X268275CBLL	174.0	108.5	16.2	33313	0.0	0.0	54.5
Garst	8906CB/LL	173.9	97.7	18.0	31263	0.0	0.0	56.5
Experimental	0321Bt	173.8	90.6	19.4	28138	0.0	0.0	56.1
Mycogen	2D326	173.6	96.0	18.3	31263	0.0	0.0	56.8
Wensman	W6117BtRR	172.0	94.3	18.5	32288	0.0	0.0	56.2
Legend Seeds	LR9887RB	169.9	100.5	17.1	30750	0.0	0.0	55.0
Kruger	1087RR	169.0	94.6	18.1	32288	0.0	0.0	57.3
Experimental	LH76204	168.5	83.0	20.5	30238	0.0	5.1	53.9
Terning	TS8230RRYGCB	168.1	97.2	17.5	32288	0.0	1.6	56.7
Mycogen	2P480	164.2	104.1	16.0	31775	0.0	0.0	55.7
Legend Seeds	LR9584RB	164.0	89.5	18.5	29213	0.0	0.0	57.3
Experimental	0221Bt	163.9	84.2	19.7	31263	0.0	1.6	55.2
Mycogen	2T336	162.7	97.8	17.1	29188	0.0	0.0	55.8
Experimental	76204BLH	162.0	83.0	19.7	31263	1.8	3.3	54.9
Wensman	W5193Bt	160.4	93.9	17.3	29675	0.0	0.0	55.8
Legend Seeds	LR9483RRYGT	159.3	88.7	18.1	31775	0.0	0.0	57.2
Kruger	2087RR/YGCB	155.7	84.3	18.7	30750	0.0	0.0	57.5
Renk	RK288YGCB	151.5	91.6	16.7	29650	0.0	0.0	56.9
Renk	RK268RRYGRW	146.1	86.3	17.1	31263	0.0	1.7	54.9
Experimental	7821Bt	144.0	84.4	17.3	32800	0.0	0.0	56.5
Experimental	2017Bt	140.6	84.3	16.9	31775	0.0	0.0	59.3
Wensman	W6087RR	135.0	77.1	17.7	30750	0.0	0.0	55.3
Experimental	0523Bt	133.5	72.1	18.7	32800	0.0	0.0	58.5
Kruger	1090RR	118.1	76.4	15.6	32288	0.0	1.5	55.4
Experiment	Mean	189.1	100.2	19.1	31791	0.1	0.6	55.0
LSD (0.05)		29.8		1.2	2396	0.1	0.6	1.4
CV		8.8		3.9	6.0	831.3	275.9	1.5

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Planting Date 5/2/07

Harvest Date 10/11/07

Statistical Analysis Date 10/12/07

Experiment conducted by the NDSU Corn Breeding Program

One replicate was lost due to uneven emergence (During the Oakes field day, unfortunately hybrids were labeled on the replication that was discarded)

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