

CORN BRAND DEMONSTRATION REPORT - 2017
Central Lakes College Agriculture and Energy Center

Date Planted: May 8, 2017
Date Harvested: October 25, 2017
Starter Fertilizer: 35-10-35-10
In-Furrow: 3 gal/A Aventine Complete
Herbicide: Status @ 3 oz/A
Sidedress Fertilizer: 164.8 units of N applied
 Topdress 60-0-0-10 (x2), Fertigation 28-0-0 (x2)

Planted Population: 34,000
Previous Crop: Soybeans
Tillage: Fall rip - Spring mulch finisher - Cultivated 1x
Irrigated: 9 inches applied via Large Linear System
Plot Size: 4 - 30 inch rows, 4 rows Sampled
Stand Count Date: September 20, 2017
Notes: Frost - October 9, 2017

***** LISTED AS PLANTED *****

Company Name	Brand	Maturity	Stand Count	Test Weight	% Moist.	Yield	Adjusted Yield
Nietfeld	N279	79	34,000	54.1	18.1	189.00	188.12
Nietfeld	N281	81	32,500	55.9	18.9	201.61	200.72
Wensman	80827 VT2RIB	82	33,000	55.9	15.8	203.60	202.71
Legend Seeds	LR 9583RR	83	28,500	55.0	17.9	197.13	196.24
Renk	RK270RR	84	31,000	55.7	19.5	221.29	218.40
Integra	3577 Conv.	85	32,500	55.2	18.3	209.34	206.45
Wensman	80858 VT2RIB	85	34,000	55.3	17.7	191.32	188.44
Wolf River Valley	2785GT SX	85	32,000	54.9	18.6	194.75	191.87
Dahlman	R43-26VT2PRIB	85	32,500	55.2	18.2	199.18	193.87
Integra	3537 VT2Pro	85	33,000	55.0	18.9	207.96	202.64
Croplan	2587 VT2P	85	32,000	53.9	17.4	208.98	203.66
Dahlman	R43-13	85	32,000	55.3	18.3	208.80	203.48
Dekalb	DKC35-88	85	33,500	57.1	18.0	196.95	190.31
NK	N19D-3110	85	32,500	56.4	18.5	206.89	200.25
Dahlman	R43-24VT2PRIB	86	34,500	55.8	19.4	230.79	224.15
Wensman	80866 VT2RIB	86	33,000	54.3	17.5	173.47	166.83
Dekalb	DKC36-28RIB	86	33,000	53.3	19.2	196.83	187.54
NK	N18Q-3011A	86	32,000	54.1	18.8	192.94	183.66
Integra	3718 VT2Pro	87	34,000	54.4	19.9	228.38	219.09
LG Seeds	5375 VTRIB	87	33,500	55.1	17.9	191.26	181.98
Wensman	80880 VT2RIB	88	31,000	55.3	18.6	202.37	192.93
Dahlman	R44-25VT2PRIB	88	33,500	54.4	18.5	191.28	181.85
Renk	RK299VT2P	89	32,500	54.2	18.7	210.60	201.17
Integra	3922 VT2Pro	89	31,500	53.4	18.0	211.70	202.27
Thunder	6789 VT2P	89	33,000	53.2	18.1	210.73	207.04
CHS	8930VT2PRIB	89	31,000	53.4	19.1	213.08	209.39
Wensman	80906 VT2RIB	90	34,000	54.2	19.0	235.17	231.48
Wolf River Valley	EX-90 VP SX	90	33,000	53.1	19.7	211.70	208.01
Producers Hybrids	5043VT2RIB	90	33,000	52.6	19.6	232.39	234.44
Dahlman	R45-28VT2PRIB	90	31,500	52.9	19.8	238.83	240.88
Thunder	3390 Conv.	90	30,500	53.7	20.1	178.45	180.50
Dekalb	DKC40-78RIB	90	32,000	52.3	18.6	216.74	218.79
Renk	RK408VT2P	91	34,000	52.3	19.8	225.49	230.93
Integra	4122 VT2Pro	91	33,000	52.8	20.6	219.06	224.51
Thunder	6791 VT2P	91	31,500	52.8	20.4	214.04	219.49

CORN BRAND DEMONSTRATION REPORT - 2017
Central Lakes College Agriculture and Energy Center

Nietfeld	N291	91	32,500	53.4	20.2	202.00	207.44
CHS	9199VT2PRIB	91	34,000	53.0	19.8	228.93	235.47
Renk	RK401VT2P	91	32,000	51.4	20.5	217.96	224.51
Croplan	3240	92	33,000	54.5	20.7	216.04	222.58
Wensman	80928VT2RIB	92	33,500	52.0	19.4	230.77	237.31
LG Seeds	5410 VT2RIB	92	33,500	53.6	19.9	225.86	233.36
NK	N27P-3110A	92	28,500	53.9	20.5	206.93	214.42
Wolf River Valley	2693RR SX	93	31,500	53.7	20.5	202.10	209.60
Integra	4342 Conv.	93	34,000	54.2	20.8	209.58	217.08
LG Seeds	5420 - 3110A	94	30,500	54.7	19.6	216.94	228.68
Thunder	3595 Conv.	95	32,500	53.4	20.2	219.48	231.22

Brand Test Weight Average	54.1
Brand Moisture Average	19.1
Brand Yield Average	209.5
Brand Adjusted Yield Average	208.6

***** CHECKS LISTED AS PLANTED *****

Company Name	Brand	Maturity	Stand Count	Test Weight	% Moist.	Yield
Check - Wensman	W80891VT2RIB	89	32,000	54.9	17.8	210.62
Check - Wensman	W80891VT2RIB	89	30,000	54.3	17.9	206.88
Check - Wensman	W80891VT2RIB	89	31,500	56.6	17.6	214.62
Check - Wensman	W80891VT2RIB	89	33,500	54.9	17.7	211.74
Check - Wensman	W80891VT2RIB	89	34,500	55.3	17.2	217.27
Check - Wensman	W80891VT2RIB	89	33,000	55.4	17.6	217.03
Check - Wensman	W80891VT2RIB	89	33,500	55.1	19.0	217.57
Check - Wensman	W80891VT2RIB	89	32,500	53.0	18.8	205.54
Check - Wensman	W80891VT2RIB	89	31,500	53.9	18.3	206.09
Check - Wensman	W80891VT2RIB	89	31,000	55.0	17.6	198.75
Check - Wensman	W80891VT2RIB	89	34,500	55.0	18.4	203.90
Check - Wensman	W80891VT2RIB	89	33,500	55.0	17.8	196.84
Check - Wensman	W80891VT2RIB	89	34,000	54.2	17.8	195.41

Check Test Weight Average	55
Check Moisture Average	18.0
Check Yield Average	207.9

CORN BRAND DEMONSTRATION REPORT - 2017
Central Lakes College Agriculture and Energy Center

RANKED BY YIELD OF MINNESOTA MATURITY

*** Sorted by Actual Yield, not Adjusted Yield***

79-85 Day Minnesota Maturity

Company	Brand	Maturity	Final Pop.	Test Weight	Moist.	Yield	Adjusted Yield
Renk	RK270RR	84	36,500	55.7	19.5	221.29	217.36
Integra	3577 Conv.	85	36,500	55.2	18.3	209.34	205.40
Croplan	2587 VT2P	85	35,000	53.9	17.4	208.98	205.05
Dahlman	R43-13	85	33,500	55.3	18.3	208.80	204.86
Integra	3537 VT2Pro	85	37,500	55.0	18.9	207.96	204.02
NK	N19D-3110	85	36,000	56.4	18.5	206.89	202.96
Wensman	80827 VT2RIB	82	36,500	55.9	15.8	203.60	199.67
Nietfeld	N281	81	35,000	55.9	18.9	201.61	197.67
Dahlman	R43-26VT2PRIB	85	35,000	55.2	18.2	199.18	195.25
Legend Seeds	LR 9583RR	83	36,500	55.0	17.9	197.13	193.20
Dekalb	DKC35-88	85	36,500	57.1	18.0	196.95	193.02
Wolf River Valley	2785GT SX	85	36,500	54.9	18.6	194.75	190.82
Wensman	80858 VT2RIB	85	35,000	55.3	17.7	191.32	187.39
Nietfeld	N279	79	37,500	54.1	18.1	189.00	185.07

85 Day or Less Test Wgt Average	55.4
85 Day or Less Moisture Average	18.2
85 Day or Less Yield Average	202.6
85 Day or Less Adjusted Yield Average	198.7

86 - 90 Day Minnesota Maturity

Company	Brand	Maturity	Final Pop.	Test Weight	% Moist.	Yield	Adjusted Yield
Dahlman	R45-28VT2PRIB	90	35,000	52.90	19.80	238.83	233.43
Wensman	80906 VT2RIB	90	36,000	54.20	19.00	235.17	229.77
Producers Hybrids	5043VT2RIB	90	36,000	52.60	19.60	232.39	226.99
Dahlman	R43-24VT2PRIB	86	33,500	55.80	19.40	230.79	226.85
Integra	3718 VT2Pro	87	41,000	54.40	19.90	228.38	222.98
Dekalb	DKC40-78RIB	90	37,500	52.30	18.60	216.74	224.55
CHS	8930VT2PRIB	89	37,000	53.40	19.10	213.08	207.68
Wolf River Valley	EX-90 VP SX	90	36,000	53.10	19.70	211.70	206.30
Integra	3922 VT2Pro	89	33,500	53.40	18.00	211.70	206.30
Thunder	6789 VT2P	89	36,000	53.20	18.10	210.73	205.33
Renk	RK299VT2P	89	34,000	54.20	18.70	210.60	205.20
Wensman	80880 VT2RIB	88	38,500	55.30	18.60	202.37	196.97
Dekalb	DKC36-28RIB	86	35,000	53.30	19.20	196.83	192.90
NK	N18Q-3011A	86	30,500	54.10	18.80	192.94	187.54
Dahlman	R44-25VT2PRIB	88	35,000	54.40	18.50	191.28	185.88
LG Seeds	5375 VTRIB	87	36,000	55.10	17.90	191.26	185.86
Thunder	3390 Conv.	90	37,000	53.70	20.10	178.45	173.06
Wensman	80866 VT2RIB	86	34,500	54.3	17.50	173.47	169.54

86-89 Day Test Wgt. Avg.	53.9
86-89 Day Moisture Average	18.9
86-89 Day Yield Average	209.3
86-89 Day Adjusted Yield Average	204.8

CORN BRAND DEMONSTRATION REPORT - 2017
Central Lakes College Agriculture and Energy Center

91 - 95 Day Minnesota Maturity

Company	Brand	Maturity	Final Pop.	Test Weight	% Moist.	Yield	Adjusted Yield
Wensman	80928VT2RIB	92	35,500	52.00	19.40	230.77	238.58
CHS	9199VT2PRIB	91	33,000	53.00	19.80	228.93	236.73
LG Seeds	5410 VT2RIB	92	34,500	53.60	19.90	225.86	233.67
Renk	RK408VT2P	91	38,000	52.30	19.80	225.49	233.29
Thunder	3595 Conv.	95	35,000	53.40	20.20	219.48	227.28
Integra	4122 VT2Pro	91	39,000	52.80	20.60	219.06	226.87
Renk	RK401VT2P	91	34,500	51.40	20.50	217.96	225.77
LG Seeds	5420 - 3110A	94	37,000	54.70	19.60	216.94	224.75
Croplan	3240	92	37,000	54.50	20.70	216.04	223.84
Thunder	6791 VT2P	91	36,000	52.80	20.40	214.04	221.85
Integra	4342 Conv.	93	34,000	54.20	20.80	209.58	217.39
NK	N27P-3110A	92	34,500	53.90	20.50	206.93	214.73
Wolf River Valley	2693RR SX	93	35,500	53.70	20.50	202.10	209.90
Nietfeld	N291	91	32,500	53.40	20.20	202.00	209.80

90 - 95 Day Test Wgt Average	53
90 - 95 Day Moisture Average	20.2
90 - 95 Day Yield Average	216.8
90 - 95 Day Adjusted Yield Average	224.6

NOTE: The adjusted yield has been calculated to compare field production variations using the adjacent check data. Each 4-plot area is adjusted by a formula which compares the check yields on either side to that area of the field, to the overall average of all the check yields in the plot. Individual yields are then adjusted to reflect the differing production levels demonstrated by the varying check yields.