

CORN BRAND DEMONSTRATION REPORT - 2014
Central Lakes College Agricultural and Energy Center

Date Planted: May 5 & 6, 2014
Date Harvested: October 28 & 29, 2014
Starter Fertilizer: 35-15-35-10 at 175#/acre
Sidedress Fertilizer: 100 Units Urea, 60 Units 28%
Herbicide: Outlook Pre-emerge, Status Post-emerge
Planted Population: 34,000

Previous Crop: Corn
Tillage: Spring plowed, spring disked, 1x
Irrigated: 5.1" Linear System
Plot Size: 4 - 30" Rows, 4 Rows Sampled
Notes: Hail storm - 9/3/14 - 60-75% leaf loss
 Frost - 9/13/14

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

Company Name	Brand	Maturity	Final Pop.	Test Weight	% Moist.	Yield	Adjusted Yield
Hyland	3093	79	28,000	55.0	12.7	150.00	148.80
Croplan Genetics	1925	81	27,000	56.0	12.9	151.69	150.48
Hyland	8015RA	80	29,000	57.0	13.0	129.87	128.66
Integra	4507	83	27,000	57.0	15.5	147.82	146.61
Hyland	8166RA	83	32,000	56.0	13.0	156.25	151.11
Wensman	W80841VT2RIB	84	33,000	56.0	12.8	163.39	158.25
Dahlman	R42-21VT2PRIB	84	31,000	55.0	14.0	167.16	162.02
Renk	RK266VT3P	84	31,000	57.0	13.3	177.96	172.82
Croplan Genetics	2417	84	25,000	57.0	12.0	147.10	149.97
Wensman	W8085VT2RIB	84	29,000	55.0	12.6	157.65	160.52
Rob See Co. Innotech	3472-3110	84	30,000	56.1	13.9	152.09	154.96
Lg Seeds	5369RR	84	27,000	57.0	13.3	142.23	145.10
Hyland Seed	8201RA	84	29,000	56.0	13.7	148.28	153.48
Dynagro	D24VC44RIB	84	33,000	59.0	14.1	168.83	174.03
Producers Hybrids	4513VT2RIB	85	25,000	56.0	13.6	161.89	167.09
Rob See Co. Innotech	3550-3220	* 85	----	56.0	14.5	126.83	132.03
Lg seeds	5372VT2RIB	85	30,000	57.7	13.8	163.79	169.88
Gold Country Seeds	85-39R3P	85	26,000	56.0	12.8	168.81	174.90
Integra	3537	85	30,000	56.1	13.9	148.88	154.96
Dahlman	R43-23VT2PRIB	85	28,000	55.0	14.2	167.44	173.52
Rob See Co. Innotech	3591-3110A	* 85	---	56.0	14.3	119.93	126.35
Wensman	W80866VT2RIB	86	33,000	56.5	13.6	159.88	166.29
Integra	9352VT2PRO	86	30,000	55.0	12.3	167.74	174.15
Producers Hybrids	4783VT2PRO	87	29,000	53.3	15.0	159.40	165.82
Gold Country Seeds	87-35RSS	* 87	---	54.0	16.1	103.06	109.76
Wensman	W8097VT2RIB	88	28,000	53.5	15.2	155.60	162.29
Croplan Genetics	2845	88	34,000	54.5	14.2	173.17	179.87
Lg Seeds	5384VT2RIB	88	28,000	56.0	14.5	172.17	178.86
Hyland Seeds	8295RA	88	31,000	52.5	14.8	153.68	160.37
Wensman	W90881Stx	88	29,000	54.0	13.5	150.65	157.34
Integra Seeds	9390	89	28,000	53.0	13.1	163.50	170.20
Producers Hybrids	4933VT2RIB	89	26,000	54.0	13.8	140.74	147.43
Dynagro	D29VC30RIB	89	29,000	54.0	13.9	162.00	161.91
Hyland Seeds	8202RA	89	30,000	53.0	13.5	163.42	163.34
Dahlman	R44-26VT2PRIB	89	26,000	53.5	13.5	146.61	146.53
Integra Seeds	3912	89	32,000	53.0	13.5	146.61	146.53
Lg Seeds	5408VT2RIB	90	30,000	54.0	12.8	162.71	152.48
Wensman	W80903VT2RIB	90	29,000	53.5	12.9	171.33	161.10
Gold Country Seeds	90-26R2P	90	31,000	54.0	14.9	167.39	157.17
Croplan Genetics	3399	93	33,000	53.0	15.6	181.11	170.88

* These varieties had an atypical variation in population for unknown reasons, so population is not listed

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Company Name	Brand	Maturity	Final Pop.	Test Weight	% Moist.	Yield	Adjusted Yield
Dahlman	R45-22VT2PRIB	90	28,000	52.5	11.5	183.03	171.63
Wensman	W90910STX	91	26,000	51.5	16.1	151.34	139.94
LG Seeds	2414VT3RIB	91	32,000	52.5	14.2	180.11	168.72
Integra Seeds	9412	91	27,000	53.0	14.2	173.44	162.04
Dahlman Seed	R46-27VT2PRIB	92	32,000	52.5	15.4	171.67	166.56
Rob See Co. Innotech	4286-3220	92	32,000	50.0	13.5	174.18	169.07
Producers Hybrids	5218-STX	92	32,000	52.5	13.9	172.71	167.60
Hyland Seeds	8315RA	92	34,000	50.5	14.6	157.36	152.25
LG Seeds	5415STX	93	28,000	52.0	14.7	173.76	171.13
Renk Seed Co.	RK4925STX	93	26,000	54.0	14.2	176.11	173.48
Gold Country Seeds	93-07RSS	93	32,000	53.5	15.0	161.91	159.28
Hyland Seeds	3395	94	27,000	51.0	13.5	134.50	131.88
LG Seeds	5418VT3PRIB	94	30,000	53.0	15.9	164.12	165.96

Brand Test Weight Average	54
Brand Moisture Average	13.9
Brand Yield Average	158.4
Brand Adjusted Yield Average	158.3

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

Company Name	Brand	Maturity	Test Weight	% Moist.	Yield
Check - Wensman	7110	90	54.0	15.3	154.10
Check			55.0	12.7	173.76
Check			54.0	13.2	161.97
Check			55.3	14.9	157.73
Check			54.0	13.9	157.31
Check			54.9	15.0	155.96
Check			53.0	16.4	156.64
Check			53.0	15.3	155.41
Check			52.5	13.9	156.64
Check			52.5	14.1	168.97
Check			53.5	13.8	176.93
Check			53.5	14.6	171.30
Check			52.0	15.1	164.36
Check			52.0	16.1	166.34
Check			52.5	15.3	155.41

Check Test Weight Average	53
Check Moisture Average	14.6
Check Yield Average	162.2

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RANKED BY YIELD OF MINNESOTA MATURITY
***** Sorted by Actual Yield, not Adjusted Yield*****

84 Day or Less Minnesota Maturity

Company	Brand	Maturity	Final Pop.	Test Weight	% Moist.	Yield	Adjusted Yield
Renk	RK266VT3P	84	31,000	57.0	13.3	177.96	178.39
Dynagro	D24VC44RIB	84	33,000	59.0	14.1	168.83	169.26
Dahlman	R42-21VT2PRIB	84	31,000	55.0	14.0	167.16	167.59
Wensman	W80841VT2RIB	84	33,000	56.0	12.8	163.39	163.82
Wensman	W8085VT2RIB	84	29,000	55.0	12.6	157.65	158.08
Hyland	8166RA	83	32,000	56.0	13.0	156.25	156.68
Rob See Co. Innotech	3472-3110	84	30,000	56.1	13.9	152.09	152.52
Croplan Genetics	1925	81	27,000	56.0	12.9	151.69	152.12
Hyland	3093	79	28,000	55.0	12.7	150.00	150.43
Hyland Seed	8201RA	84	29,000	56.0	13.7	148.28	148.71
Integra	4507	83	27,000	57.0	15.5	147.82	148.25
Croplan Genetics	2417	84	25,000	57.0	12.0	147.10	147.53
Lg Seeds	5369RR	84	27,000	57.0	13.3	142.23	142.66
Hyland	8015RA	80	29,000	57.0	13.0	129.87	130.30

85 Day or Less Test Wgt Av	56
85 Day or Less Moisture Average	13.3
85 Day or Less Yield Average	154.3
85 Day or Less Adjusted Yield Average	154.7

85 - 89 Day Minnesota Maturity

Company	Brand	Maturity	Final Pop.	Test Weight	% Moist.	Yield	Adjusted Yield
Croplan Genetics	2845	88	34,000	54.5	14.2	173.17	178.34
Lg Seeds	5384VT2RIB	88	28,000	56.0	14.5	172.17	177.34
Gold Country Seeds	85-39R3P	85	26,000	56.0	12.8	168.81	173.98
Integra	9352VT2PRO	86	30,000	55.0	12.3	167.74	172.90
Dahlman	R43-23VT2PRIB	85	28,000	55.0	14.2	167.44	172.60
Lg seeds	5372VT2RIB	85	30,000	57.7	13.8	163.79	168.96
Integra Seeds	9390	89	28,000	53.0	13.1	163.50	168.67
Hyland Seeds	8202RA	89	30,000	53.0	13.5	163.42	168.59
Dynagro	D29VC30RIB	89	29,000	54.0	13.9	162.00	167.16
Producers Hybrids	4513VT2RIB	85	25,000	56.0	13.6	161.89	167.06
Wensman	W80866VT2RIB	86	33,000	56.5	13.6	159.88	165.04
Producers Hybrids	4783VT2PRO	87	29,000	53.3	15.0	159.40	164.57
Wensman	W8097VT2RIB	88	28,000	53.5	15.2	155.60	160.76
Hyland Seeds	8295RA	88	31,000	52.5	14.8	153.68	158.85
Wensman	W90881Stx	88	29,000	54.0	13.5	150.65	155.81
Integra	3537	85	30,000	56.1	13.9	148.88	154.04

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85 - 89 Day Minnesota Maturity (Continued)

Company	Brand	Maturity	Final Pop.	Test Weight	% Moist.	Yield	Adjusted Yield
Dahlman	R44-26VT2PRIB	89	26,000	53.5	13.5	146.61	151.78
Integra Seeds	3912	89	32,000	53.0	13.5	146.61	151.78
Producers Hybrids	4933VT2RIB	89	26,000	54.0	13.8	140.74	145.91
Rob See Co. Innotech	3550-3220	85	----	56.0	14.5	126.83	132.00
Rob See Co. Innotech	3591-3110A	85	---	56.0	14.3	119.93	125.10
Gold Country Seeds	87-35RSS	87	---	54.0	16.1	103.06	108.23

86-90 Day or Less Test Wgt	55
86-90 Day or Less Moisture Average	14.0
86-90 Day or Less Yield Average	153.4
86-90 Day or Less Adjusted Yield Average	158.6

90 Day & over Minnesota Maturity

Company	Brand	Maturity	Final Pop.	Test Weight	% Moist.	Yield	Adjusted Yield
Dahlman	R45-22VT2PRIB	90	28,000	52.5	11.5	183.03	177.52
Croplan Genetics	3399	93	33,000	53.0	15.6	181.11	175.61
LG Seeds	2414VT3RIB	91	32,000	52.5	14.2	180.11	174.61
Renk Seed Co.	RK4925STX	93	26,000	54.0	14.2	176.11	170.61
Rob See Co. Innotech	4286-3220	92	32,000	50.0	13.5	174.18	168.68
LG Seeds	5415STX	93	28,000	52.0	14.7	173.76	168.25
Integra Seeds	9412	91	27,000	53.0	14.2	173.44	167.94
Producers Hybrids	5218-STX	92	32,000	52.5	13.9	172.71	167.20
Dahlman Seed	R46-27VT2PRIB	92	32,000	52.5	15.4	171.67	166.17
Wensman	W80903VT2RIB	90	29,000	53.5	12.9	171.33	165.82
Gold Country Seeds	90-26R2P	90	31,000	54.0	14.9	167.39	161.89
LG Seeds	5418VT3PRIB	94	30,000	53.0	15.9	164.12	158.62
Lg Seeds	5408VT2RIB	90	30,000	54.0	12.8	162.71	157.21
Gold Country Seeds	93-07RSS	93	32,000	53.5	15.0	161.91	156.41
Hyland Seeds	8315RA	92	34,000	50.5	14.6	157.36	151.86
Wensman	W90910STX	91	26,000	51.5	16.1	151.34	145.83
Hyland Seeds	3395	94	27,000	51.0	13.5	134.50	129.00

Over 90 Day Test Wgt Aver:	53
Over 90 Day Moisture Average	14.3
Over 90 Day Yield Average	168.0
Over 90 Day Adjusted Yield Average	162.5

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.

*** CHECKS LISTED AS PLANTED ***

Company Name	Brand	Maturity	Net Weight	Test Weight	% Moist.	Yield
Check - Wensman	7110	90	1170	54.0	15.3	154.10
Check - Wensman			1280	55.0	12.7	173.76
Check - Wensman			1200	54.0	13.2	161.97
Check - Wensman			1192	55.3	14.9	157.73
Check - Wensman			1175	54.0	13.9	157.31
Check - Wensman			1180	54.9	15.0	155.96
Check - Wensman			1205	53.0	16.4	156.64
Check - Wensman			1180	53.0	15.3	155.41
Check - Wensman			1170	52.5	13.9	156.64
Check - Wensman			1265	52.5	14.1	168.97
Check - Wensman			1320	53.5	13.8	176.93
Check - Wensman			1290	53.5	14.6	171.30
Check - Wensman			1245	52.0	15.1	164.36
Check - Wensman			1275	52.0	16.1	166.34
Check - Wensman			1180	52.5	15.3	155.41

Check Test Weight Average	53
Check Moisture Average	14.6
Check Yield Average	162.2

Check
Count

15